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T. O. NO. 00-25-29

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MAINTENANCE INTERCHANGEABILITY CROSS REFERENCE CHARTS

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STANDARDIZATION BRANCH (ASCMA5)
AIRCRAFT SECTION
MAINTENANCE DIVISION
AIR SERVICE COMMAND
PATTERSON FIELD, FAIRFIELD, OHIO

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Vertical interchangeability between red lines.

Do not cross a red line when determining vertical interchangeability.

DESTROY PREVIOUS ISSUES

NOTICE

INSTRUCTIONS FOR DISTRIBUTION

It will be the responsibility of the Commanding Officer that the Maintenance Interchangeability Cross Reference Charts, Technical Order No. 00-25-29, are distributed to crew chiefs and all military and civilian maintenance and supply personnel having use for this book.

ADDRESS ALL CORRESPONDENCE TO:

STANDARDIZATION BRANCH (ASCMA5)
AIRCRAFT SECTION
MAINTENANCE DIVISION
AIR SERVICE COMMAND
PATTERSON FIELD, FAIRFIELD, OHIO

COMPILED AND PUBLISHED BY AUTHORITY OF:

THE COMMANDING GENERAL
AIR SERVICE COMMAND
PATTERSON FIELD, FAIRFIELD, OHIO

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INTRODUCTION

1. The purpose of the Maintenance Interchangeability Cross Reference Charts, T. O. 00-25-29, is to show the original parts and substitutes which can be used on the airplanes as listed. It is to serve as a guide to all military and civilian personnel having use for this book, in order to simplify problems in connection with servicing and supplying parts for airplanes, to limit grounded time to a minimum. Reference is made to the two types of charts in the book: (1) interchangeability charts in the main body of the book, (2) cross reference charts in the rear.

2. In order to maintain the book in its highest standard of efficiency; comments, corrections, and suggestions on any variations of data as determined by actual use, but not involving too much rework in accomplishing interchangeability, must flow into this Headquarters constantly, from all activities making use of this publication.

HOW TO READ CHARTS

1. Correct reading of Interchangeability Charts is as follows: Reading horizontally shows how many different airplanes can use one specific part. Reading vertically shows how many different types and makes of parts can be used on one specific airplane. For example, refer to sample below which shows that the part number referred to can be used on four different airplanes reading horizontally. The column under B-17E airplane for example, reading vertically, shows two types of magnetos that can be used on this airplane.

				HEAVY BOMBERS														MEDIUM BOMBERS							
DESCRIPTION	VEN-DOR	PART NO.	TYPE	B-17E BO	B-17F BO	B-17F DO	B-17F VE	B-17G DO	B-24D CO	B-24E CO	B-24E DO	B-24E FO	B-24G NA	B-24H FO	B-24H CO	B-24H DO	B-25C NA	B-25D NA	B-25G NA	B-25H NA	B-26B MA	B-26B1 MA	B-26C MA	RB-34 VE
Magnetos																								
Used on R-1820-65, -87, -89 CCW Rotation	Scintilla	10-20700-1	SF 9LN-4	x	x	x	x					SAMPLE												
Used on R-1820-65, -91, -97 CCW Rotation	Bosch	MJR-9A 307-309	SF 9LU-3	x	x	x	x	x																
Used on R-1830-43, -67, -92 CCW Rotation	Bosch	MJN-14-K-301	SF 14LU-7						x	x	x	x	x	x	x	x								
Used on R-2600-13, -11, -6, -8, -10, -16, CCW Rotation	Scintilla	10-15364-19	SF 14LN-3														x	x	x	x				
Used on R-2600-13, -11, -8, -10, -16, -6, CCW Rotation	Scintilla	10-15364-20	SF 14LN-3														x	x	x	x				
Used on R-1830-43, -45, -47, -53, -33, -35, -39, -41, -76, -78, -80, -82, -84, -90, -92 CCW Rotation	Scintilla	10-15364-21	SF 14LN-3						x	x	x	x	x	x	x	x								

INTERCHANGEABLE PARTS LISTS—T. O.'S FOR REFERENCE

"AIRPLANES"

T. O. No.	
01-5E-37	B-24 Series—Consolidated
01-20E-16	B-17 Series—Boeing
01-25-7	P-40—Curtiss Fighter Models and 0-52
01-35-2	RA-30—Baltimore 1-2-3—Martin
01-35EA-14	RB-26, RB-26A, B-26B—Martin
01-40N-53	C-48C, C-49, C-50, C-51, C-52, C-53, R4D-2—Douglas
01-50B-5	BT-13, BT-13A, BT-13B and BT-15—Vultee
01-60-26	BT-9, BC-1, AT-6, SNJ Series and BT-14—North American
01-60-27	A-36A, P-51 Series and Mustang I—North American
01-60G-36	B-25 Series—North American
01-70A-12	PT-17—Boeing
01-75-25	A-28, A-28A, A-29, A-29A, AT-18, AT-18A and Hudson Model—Boeing
01-75F-84	P-38 Series—Lockheed
01-90-7	F-2, AT-7, AT-11, UC-45 and UC-45A—Beech
01-110F-129	P-39—Bell
01-115GA-5	PT-19—Fairchild
01-125-16	AT-8, AT-17 Series, UC-78 and corresponding, RCAF—Cessna
03-20CC-4	Hamilton Propellers

"ENGINES"

02-5-4	Class 02-I—Allison
02-5-7	V-1710 Series—Allison
02-10-4	P & W
02-15-4	R-680 Series—Lycoming
02-30-4	R-755 and R-915 Series—Jacobs
02-35-4	Wright
02-40-4	R-670 and O-170—Continental
02-50-4	Ranger
02-55-4	Rolls Royce

SOME IMPORTANT GENERAL T. O.'S FOR MECHANICS

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01-1-1	Cleaning of Aeronautical Equipment	11-12-42
01-1-2	Anti-Corrosion Treatment for Airplanes Operating in Salt Water	9-23-35
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01-1-8	Ventilation of Airplanes in Hot Weather	9- 7-39
01-1-9	Rigging Tension of Control Cables	11-10-42
01-1-13	Operation of Airplanes Equipped with Air Filters	9- 2-42
01-1-20	Installation and Inspection of Felt in Battery Drain Sump	12-23-41
01-1-23	Cleaning of Carburetor Air Filters	7-12-43
01-1-26	Frayed Control Cables	4-29-43
01-1-27	Use of Landing Wheel Brakes	4-24-42
01-1-33	Operation and Technique of Nose Wheel Airplanes	4-19-43
01-1-36	Precaution to be Observed in Operating Bomb Bay Doors	1-14-42
01-1-39	Installation of Air Intake Dust Excluders	3-29-43
01-1-45	Installation of Grounding Wire on Auxiliary Power Plant—RB-17, RB-26, and B-24 Series	10-10-42
01-1-50	Towing, Mooring and Handling of Airplanes	11-30-42
01-1-50A	Towing, Mooring and Handling of Airplanes	1- 3-43
01-1-51	Addition of Stencil at External Power Receptacle	8- 3-42
01-1-52	Connection of External Power Sources to the Electrical System of Airplanes	7-12-42
01-1-57	Lubrication of Control Cables	8- 4-42
01-1-61	Use and Conservation of Electrical Power	10-24-42
01-1-63	Inspection of Valves of Permanently Installed Aircraft CO_2 Fire Extinguishers	9-18-42
01-1-66	Operation of Auxiliary Electric Power Plant—B-17 Series, B-24 Series, and B-26 Series	11- 2-42
01-1-69	Annealing of Fuel, Oil, and Water Lines	10-29-42
01-1-109	Precautions Against Fouling Controls	6-25-42

AIRPLANE MODELS COVERED IN THIS ISSUE

B-17E	Bo—Boeing
B-17F	Bo—Boeing
B-17F	Do—Douglas
B-17F	Ve—Vega
B-17G	Do—Douglas
B-24D	Co—Consolidated
B-24E	Co—Consolidated
B-24E	Do—Douglas
B-24E	Fo—Ford
B-24G	NA—North American
B-24H	Fo—Ford
B-24H	Co—Consolidated
B-24H	Do—Douglas
B-25C	NA—North American
B-25D	NA—North American
B-25G	NA—North American
B-25H	NA—North American
B-26B	Ma—Martin
B-26B1	Ma—Martin
B-26C	Ma—Martin
RB-34	Ve—Vega
A-20B	Do—Douglas
A-20C	Bo—Boeing
A-20C	Do—Douglas
A-20G	Do—Douglas
A-24A	Do—Douglas
A-24B	Do—Douglas
A-25A	Cu—Curtiss-Wright
A-28A	Lo—Lockheed
A-29	Lo—Lockheed
A-29A	Lo—Lockheed
A-30A	Ma—Martin
A-35A	Vu—Vultee
A-35B	Vu—Vultee
A-36A	NA—North American
P-38E	Lo—Lockheed
P-38F	Lo—Lockheed
P-38G	Lo—Lockheed
P-38H	Lo—Lockheed
P-38J	Lo—Lockheed
P-38K	Lo—Lockheed
P-39D	Be—Bell
P-39F	Be—Bell
P-39K	Be—Bell
P-39L	Be—Bell
P-39M	Be—Bell
P-39N	Be—Bell
P-39Q	Be—Bell
P-39J	Be—Bell
P-40E	Cu—Curtiss-Wright
P-40F	Cu—Curtiss-Wright
P-40K	Cu—Curtiss-Wright
P-40L	Cu—Curtiss-Wright
P-40M	Cu—Curtiss-Wright
P-40N	Cu—Curtiss-Wright
P-47B	Re—Republic
P-47C	Re—Republic
P-47D	Re—Republic
P-47G	Cu—Curtiss-Wright
P-51	NA—North American
P-51A	NA—North American
P-51B	NA—North American
P-51C	NA—North American
P-51D	NA—North American
P-61A	No—Northrop
P-63A	Be—Bell
UC-45	Bh—Beech
C-46A	Cu—Curtiss-Wright
C-47	Do—Douglas
C-47A	Do—Douglas
C-53	Do—Douglas
C-53D	Do—Douglas
C-54A	Do—Douglas
C-57D	Lo—Lockheed
C-60A	Lo—Lockheed
UC-61A	Fa—Fairchild
UC-64A	Nd—Noorduyn
UC-78	Ce—Cessna
UC-78B	Ce—Cessna
UC-78C	Ce—Cessna
C-87	Co—Consolidated
AT-6A	NA—North American
AT-6B	NA—North American
AT-6C	NA—North American
AT-6D	NA—North American
AT-7	Bh—Beech
AT-9	Cu—Curtiss-Wright
AT-9A	Cu—Curtiss-Wright
AT-10	Bh—Beech
AT-11	Bh—Beech
AT-16	Nd—Noorduyn
AT-17	Ce—Cessna
AT-17A	Ce—Cessna
AT-17B	Ce—Cessna
AT-17C	Ce—Cessna
AT-17D	Ce—Cessna
AT-18	Lo—Lockheed
AT-21	Fa—Fairchild
BT-12	Fl—Fleetwing
BT-13A	Vu—Vultee
BT-14	NA—North American
BT-15	Vu—Vultee
PT-13B	Bo—Boeing
PT-13D	Bo—Boeing
PT-17	Bo—Boeing
PT-17A	Bo—Boeing
PT-19A	Fa—Fairchild
PT-19B	Fa—Fairchild
PT-22	Ry—Ryan
PT-23	Ho—Howard
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PT-23	Fl—Fleetwing
PT-27	Bo—Boeing

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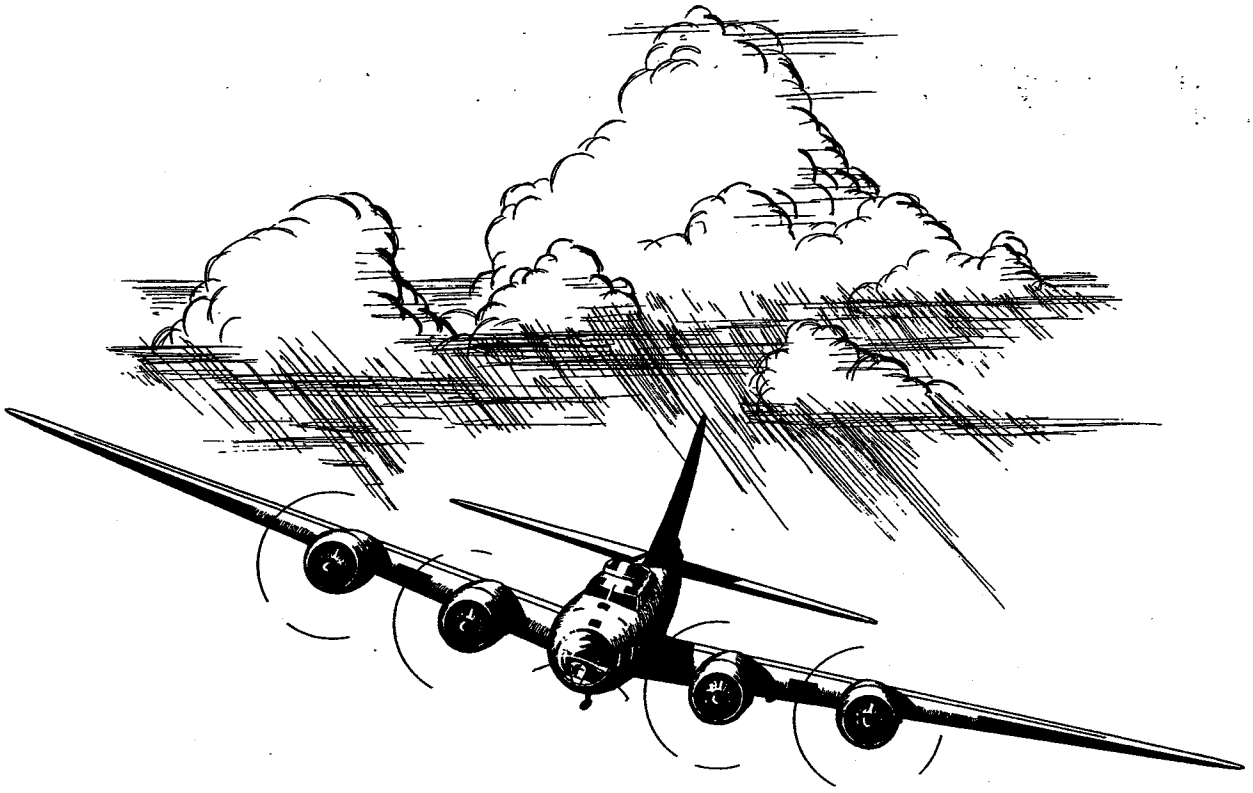


INTERCHANGEABILITY BETWEEN RED LINES. DO NOT CROSS A RED LINE WHEN DETERMINING VERTICAL INTERCHANGEABILITY.

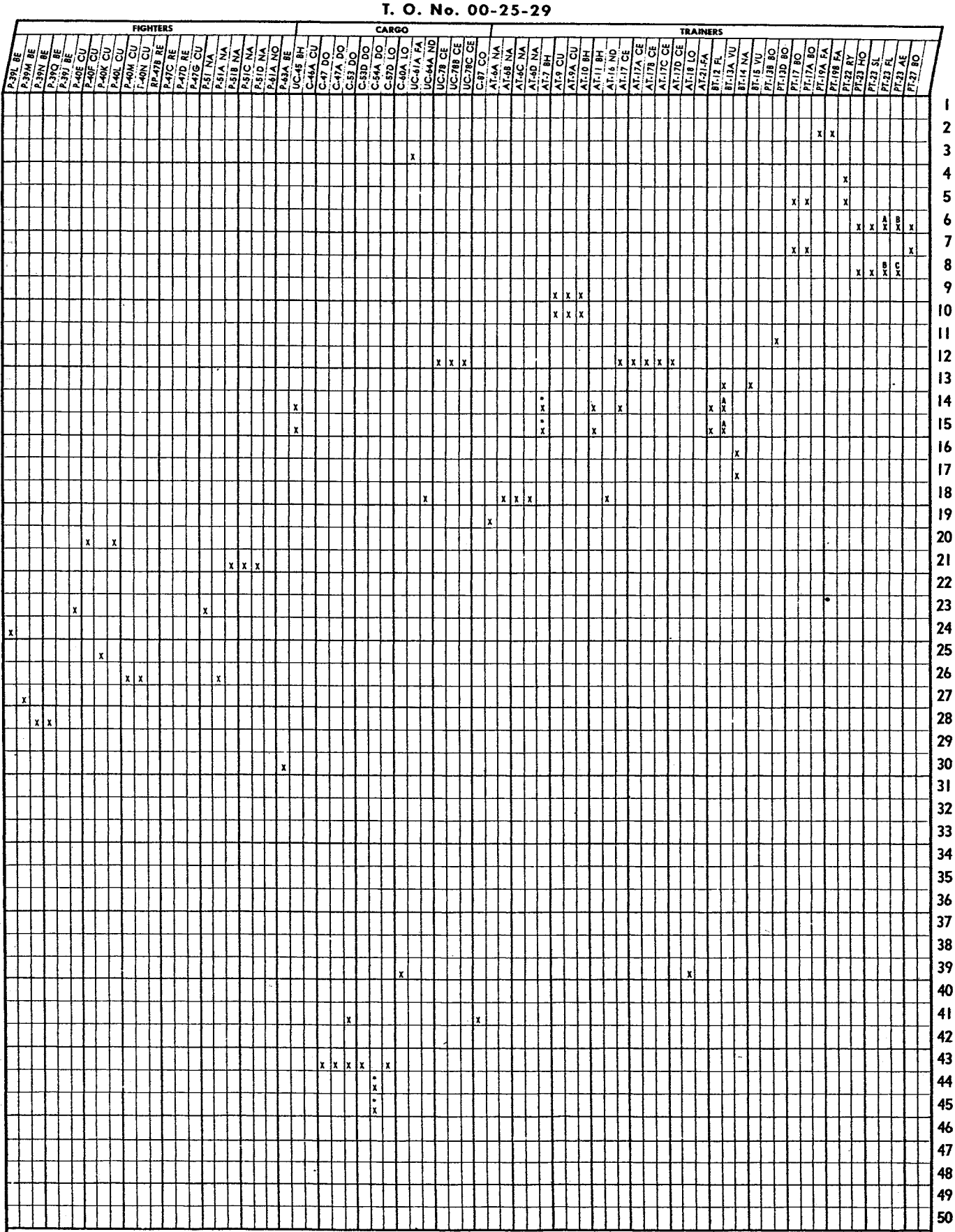
	CLASS 02-A DESCRIPTION	VENDOR	PART NO.	TYPE	B-17E BO	B-17F BO	B-17F DO	B-17F VE	B-17G DO	B-24D CO	B-24E CO	B-24E DO	B-24E FO	B-24G NA	B-24H FO	B-24H CO	B-24H DO	B-25C NA	B-25D NA	B-25G NA	B-25H NA	B-26B MA	B-26B1 MA	B-26C MA	RB-34 VE	A-20B DO	A-20C BO	A-20G DO	A-24A DO	A-24B DO	A-25A CU	A-28A LO	A-29 LO	A-29A LO	A-30A MA	A-35A VU	A-35B VU	A-36A NA	P-38E LO	P-38F LO	P-38G LO	P-38H LO	P-38J LO	P-38K LO	P-39D BE	P-39E BE	P-39K BE
1	ENGINES																																														
2		RANGER	L-440-1																																												
3		WARNER	R-500-1																																												
4		KINNER	R-540-1																																												
5		KINNER	R-540-3																																												
6		CON.	R-670-4																																												
7		CON.	R-670-5																																												
8		CON.	R-670-11																																												
9		LYCOMING	R-680-9																																												
10		LYCOMING	R-680-13																																												
11		LYCOMING	R-680-17																																												
12		JACOBS	R-755-9																																												
13		WRIGHT	R-975-11																																												
14		P & W	R-985-AN-1																																												
15		P & W	R-985-AN-3																																												
16		P & W	R-985-25																																												
17		P & W	R-985-27																																												
18		P & W	R-1340-AN-1																																												
19		P & W	R-1340-49																																												
20		PACKARD	V-1650-1																																												
21		PACKARD	V-1650-3																																												
22		ALLISON	V-1710-35																																											X	X
23		ALLISON	V-1710-39																																												
24		ALLISON	V-1710-63																																												X
25		ALLISON	V-1710-73																																												
26		ALLISON	V-1710-81																																												
27		ALLISON	V-1710-83																																												
28		ALLISON	V-1710-85																																												
29		ALLISON	V-1710-87																																				X								
30		ALLISON	V-1710-93																																												
31		ALLISON	V-1710-27/29																																					X							
32		ALLISON	V-1710-49/53																																						X						
33		ALLISON	V-1710-51/55																																							X					
34		ALLISON	V-1710-75/77																																										X			
35		ALLISON	V-1710-89/91																																								X	X			
36		WRIGHT	R-1820-52																											X																	
37		WRIGHT	R-1820-60																												X																
38		WRIGHT	R-1820-65		X		A X	B X																																							
39		WRIGHT	R-1820-87																																					X	X							
40		WRIGHT	R-1820-97			X	A X	B X	X																																						
41		P & W	R-1830-43							X	X	X	X		X	X	X																														
42		P & W	R-1830-67																																X												
43		P & W	R-1830-92																																											
44		P & W	R-2000-3																																											
45		P & W	R-2000-7																																											
46		WRIGHT	R-2600-8																																X				X							
47		WRIGHT	R-2600-11																							X																				
48		WRIGHT	R-2600-13															X	X	X	X																		X	X	X					
49		WRIGHT	R-2600-19																																		X									
50	ENGINES CONTINUED ON NEXT PAGE																																													

REMARKS: LINE NUMBERS IN RED.

(A) (6) USED ON PT-23'S SERIAL NO'S 42-70864 TO 42-70903 INCL.
(B) (6) USED ON PT-23'S SERIAL NO'S 42-47452 TO 42-47465 INCL.
(A) (8) USED ON PT-23'S SERIAL NO'S 42-47452 TO 42-47811 INCL.
(B) (8) USED ON PT-23'S SERIAL NO'S 42-70864 TO 42-70916 INCL.
(*) (14) USED ON AT-7'S SERIAL NO'S 42-2415 TO 42-2424 INCL.
(*) (15) USED ON AT-7'S SERIAL NO'S 42-33664 INCL.

(*) (44) USED ON C-54A'S SERIAL NO'S 41-37268 TO 41-37319 INCL.
(*) (45) USED ON C-54A'S SERIAL NO'S 43-17124 TO 43-17198 INCL.
(A) (14, 15) R680-5, -7, -11, -17 CAN BE INSTALLED IN ANY PT-13A AIRPLANE.

T. O. No. 00-25-29



REMARKS: LINE NUMBERS IN RED.

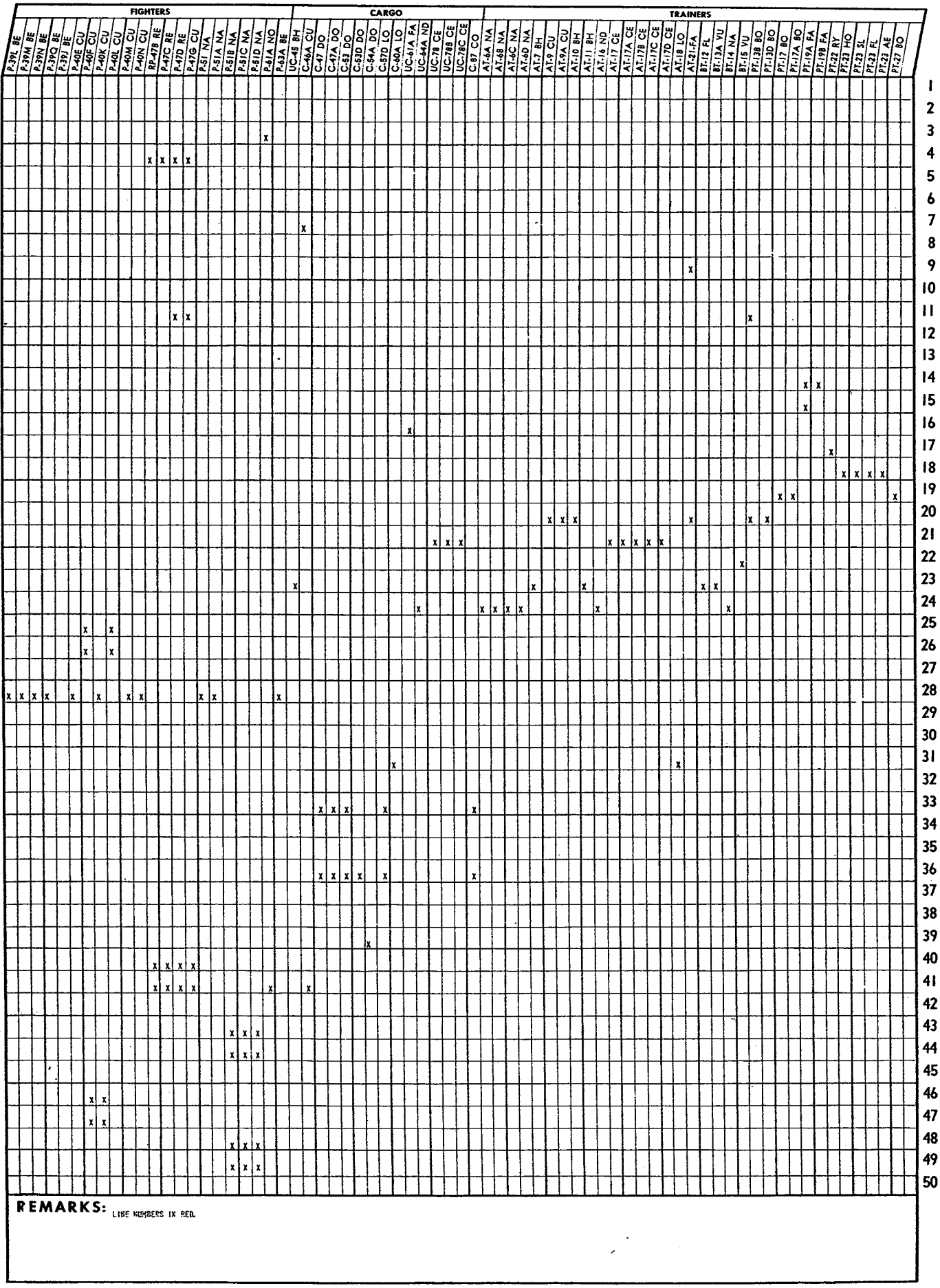
(A) (38) USED ON B-17F'S SERIAL NO'S 42-2968 TO 42-3090 INCL.
(B) (38) USED ON B-17F'S SERIAL NO'S 42-5705 AND 42-5706.
(A) (40) USED ON B-17F'S SERIAL NO'S 42-3091 AND ON.
(B) (40) USED ON B-17F'S SERIAL NO'S 42-5707 AND ON.
(*) (42) USED ON A-35B'S SERIAL NO'S 42-94189 to 42-94568 -
(*) (43) USED ON A-35B'S SERIAL NO'S 41-30427 TO 41-31447 -

INTERCHANGEABILITY BETWEEN RED LINES. DO NOT CROSS A RED LINE WHEN DETERMINING VERTICAL INTERCHANGEABILITY.

	CLASS 02-A DESCRIPTION	VENDOR	PART NO.	TYPE	HEAVY BOMBERS: B-17E BO	B-17F BO	B-17F DO	B-17F VE	B-17G DO	B-24D CO	B-24E CO	B-24E DO	B-24E FO	B-24G NA	B-24H FO	B-24H CO	B-24H DO	MEDIUM BOMBERS: B-25C NA	B-25D NA	B-25G NA	B-25H NA	B-26B MA	B-26B1 MA	B-26C MA	B-34 VE	LIGHT BOMBERS: A-20B DO	A-20C BO	A-20C DO	A-20G DO	A-24A DO	A-24B DO	A-35A CU	A-28A LO	A-29 LO	A-29A LO	A-30A MA	A-35A VU	A-35B VU	A-36A NA	FIGHTERS: P-38E LO	P-38F LO	P-38G LO	P-38H LO	P-38J LO	P-38K LO	P-39D BE	P-39F BE	P-39K BE
1	ENGINES CONTINUED																																														
2		WRIGHT	R-2600-23																							X	X	X																				
3		P & W	R-2800-10																																												
4		P & W	R-2800-21																																												
5		P & W	R-2800-31																					X																							
6		P & W	R-2800-43																			X	X	X																							
7		P & W	R-2800-51																																											
8		P & W	R-2800-63																																											
9		RANGER	V-770-11																																											
10		P & W	R-1830-65							X	X	X	X	X	X	X	X																														
11		LYCOMING	R-680-11																																											
12	CLASS - 03-H																																													
13																																														
14	MAGNETOS USED ON L-440-1 C.W. ROTATION	SCINTILLA	10-20207-1,-2	S86RN8																																											
15	USED ON L-440-3 C.W. ROTATION	"	10-20208-1,-2	S86RN10																																											
16	USED ON R-500-1 C.W. ROTATION	"	10-20273-4	VHN-707																																											
17	USED ON R-540-1, -3 C.C.W. ROTATION	"	10-16776-6	SB5LN8																																											
18	USED ON R-670-4, -11 C.W. ROTATION	"	10-13900-12	SV7-RN1																																											
19	USED ON R-670-5 C.W. ROTATION	"	10-20273-1	VHN-D7F																																											
20	USED ON R-680-9, -13, -11, V770-11 C.W. ROTATION	"	10-8038-15	(*) DFN																																											
21	USED ON R-755-9 C.W. ROTATION	"	10-21819-2	VHN-7DF5																																											
22	USED ON R-975-11 C.W. ROTATION	"	2-996-3	SF9RN																																											
23	USED ON R-985AN-1, -3 C.W. ROTATION	BOSCH	MJR-9A6	SB9-RU3																																											
24	USED ON R-1340AN-1, -49-, R-985-25 C.W. ROTATION	SCINTILLA	2-953-3	SB9RN																																											
25	USED ON V-1650-1 C.W. ROTATION	DELCO - APPL.	603744-B	SF12- RAP-1																																											
26	USED ON V-1650-1 C.W. ROTATION	(DELCO) PACKARD	603745-A	SF12- LAP-1																																											
27	USED ON V-1710-10, -49, -53, -51, -55 C.C.W. ROTATION	SCINTILLA	10-25225-2	DFL- N6																																							X	X						
28	USED ON V-1710-35, -37, -39, -63, -66 73, -81, -83, -85, -87, -93 C.C.W. ROTATION	"	10-25225-1	DFL-N6																																						X					X	X	X
29	USED ON V-1710-27, -29, -33 C.C.W. ROTATION	"	10-8038-3	DFN																																							X							
30	USED ON R-1820-52, -89, C.C.W. ROTATION	"	10-12453-5,-6	SF9-LN2																																													
31	USED ON R-1820-65, -87, -89, C.C.W. ROTATION	"	10-20700-1	SF9-LN4	X	X	X	X																											X	X												
32	USED ON R-1870-65, -91, -97, C.C.W. ROTATION	BOSCH	MJR-9A- 307-309	SF9-LU3	X	X	X	X	X																																						
33	USED ON R-1830-43, -67, -92, C.C.W. ROTATION	"	MJR-14-K- 301	SF14- LU7						X	X	X	X	X	X	X	X																		X													
34	USED ON R-2600-13, -11, -6, -8, -10, -16 C.C.W. ROTATION	SCINTILLA	10-15369-19	SF14- LN3														X	X	X	X					X					X				X	X	X									
35	USED ON R-2600-13, -11, -8, -10, -16, -6 C.C.W. ROTATION	"	10-15364-20	SF14- LN3														X	X	X	X					X					X				X	X	X									
36	USED ON R-1830-43, -45, -47, -53, -33, -35, 39, -41, -76, -78, -80, -82, -84, -90, -92 (C.C.W.	"	10-15364-21	SF14-LN3						X	X	X	X	X	X	X	X																X														
37	USED ON R-2600-19, -5, -7, -9, ROTATION) -23 C.C.W. ROTATION	"	10-9700-25	SF14-LN4														X	X								X	X	X							X										
38	USED ON R-2600-19, -5, -8, -9, -23 C.C.W. ROTATION	"	10-9700-26	SF14-LN4																							X	X	X							X										
39	USED ON R-2000-3, -5, -7 C.W. ROTATION	"	10-19125-10	SF14-RN8																																												
40	USED ON R-2800-5, -39, -41, -43, -10, -21, -51, -1, -7, -8, -27, C.W. ROTATION	"	10-21400-7	DF18-RH																			X	X	X																						
41	USED ON R-2800-10, -21, -51, -43, -31, C.W. ROTATION	"	10-21400-11	DF18- RH																			X	X	X	X																					
42	USED ON R-1830-43 C.C.W. ROTATION	BOSCH	MJN-14F- 305	SF14- LU6						X	X	X	X	X	X	X	X																															
43	USED ON V-1650-3	(DELCO) PACKARD	609124A	SI2- LAP-4																																											
44	USED ON V-1650-3	(DELCO) PACKARD	609124A	SI2- RAP-4																																											
45	USED ON V-1710-75/77 89/91-93	SCINTILLA	10-25225-9	DFL-N6																																									X	X	X			
46	USED ON V-1650-1	GEN. ELEC. PACKARD	603744-B 609124A	SF12- RAP-1																																											
47	USED ON V-1650-1	GEN. ELEC. PACKARD	603745-A 609124A	SF12- LAP-1																																											
48	USED ON V-1650-3	GEN. ELEC. PACKARD	609124A	SF12- LAP-3																																											
49	USED ON V-1650-3	"	609124 A	SF12- RAP-3																																											
50																																														

REMARKS- LINE NUMBERS IN RED.
(*) (20) REQUIRES DISTRIBUTOR.

T. O. No. 00-25-29



REMARKS: LINE NUMBERS IN RED.

INTERCHANGEABILITY BETWEEN RED LINES. DO NOT CROSS A RED LINE WHEN DETERMINING VERTICAL INTERCHANGEABILITY.

NOTE: IF A NUMBER FOLLOWING THE LETTER "N" IN ANY OF THE PART NO'S, THIS NO. DENOTES THE TYPE OF WIRE USED IN THE HARNESS AND DOES NOT EFFECT INTERCHANGEABILITY.

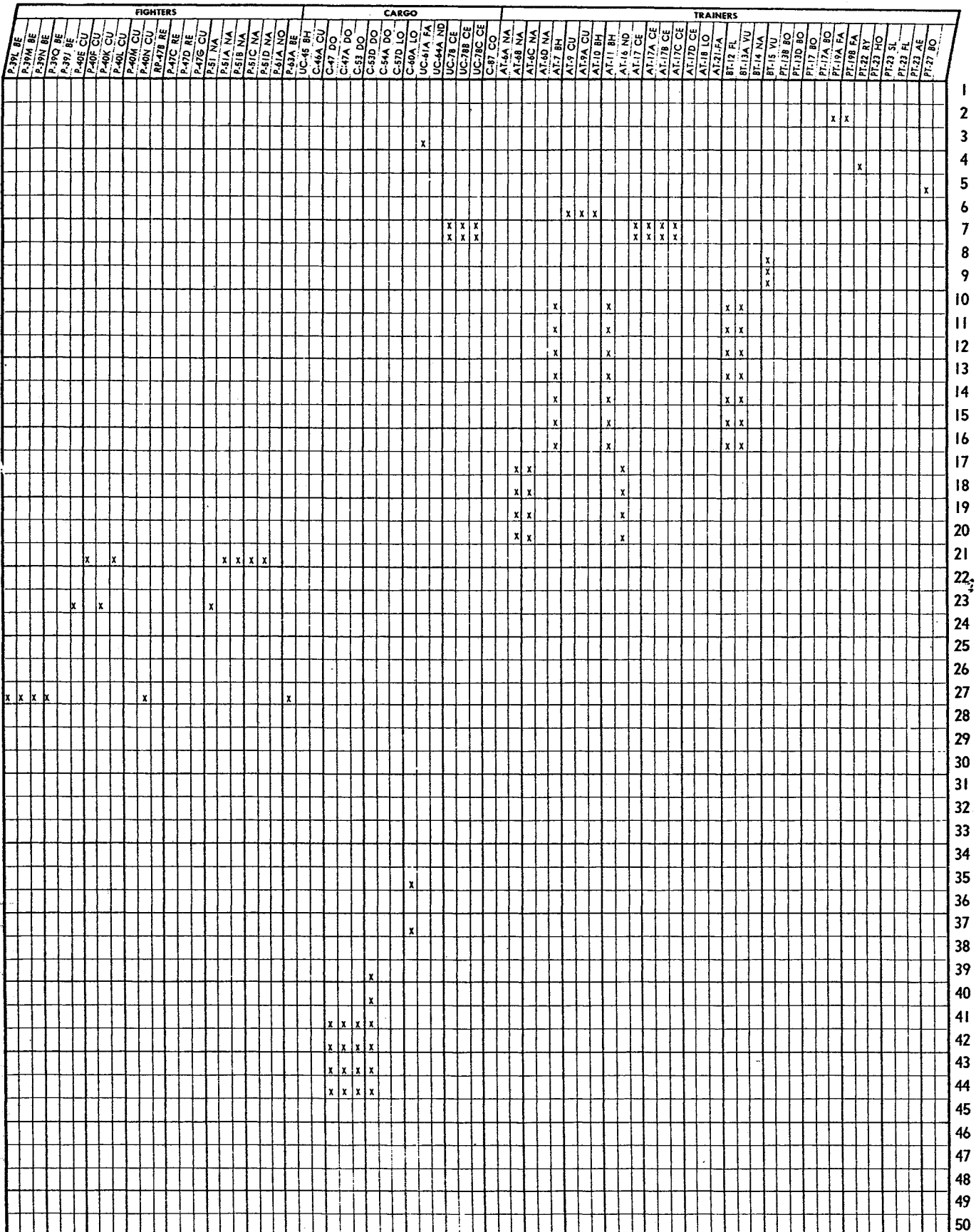
'CLASS - 02 DESCRIPTION	VENDOR	PART NO.	TYPE	HEAVY BOMBERS																MEDIUM BOMBERS										LIGHT BOMBERS																		FIGHTERS								
				B-17E BO	B-17F BO	B-17F DO	B-17F VE	B-17G DO	B-24D CO	B-24E CO	B-24E DO	B-24E FO	B-24G NA	B-24H FO	B-24H CO	B-24H DO	B-25C NA	B-25D NA	B-25G NA	B-25H NA	B-26B NA	B-26B1 MA	B-26C MA	RB-34 VE	A-20B DO	A-20C BO	A-20C DO	A-20G DO	A-24A DO	A-24B DO	A-25A CU	A-28A LO	A-29 LO	A-29A LO	A-30A MA	A-35A VU	A-35B VU	A-36A NA	P-38E LO	P-38F LO	P-38G LO	P-38H LO	P-38J LO	P-38K LO	P-39D BE	P-39E BE	P-39K BE
MANIFOLD ASSEMBLY - IGNITION																																																			
USED ON L-440-1, -3	RANGER	6973																																																	
USED ON R-500-1, -7	WARNER	8192																																																	
USED ON R-540-1, -3	KINNER	1477																																																	
USED ON R-670-5, -7	CONTINENTAL	11141-F																																																	
USED ON R-680-9, -13	LYCOMING	1431-C																																																	
USED ON R-755-9	JACOBS JACOBS	90303 90315																																																	
USED ON R-975-11	WRIGHT	112823-N																																																	
USED ON R-975-11	"	68641-10 112825-N-3																																																	
USED ON R-985-AN-1	P & W	39489																																																	
" " "	"	40620																																																	
" " "	"	40621																																																	
FRONT SECTION USED ON R-985-AN-1, -3	"	67131																																																	
REAR SECTION USED ON R-985-AN-1, -3	"	67132																																																	
USED ON R-985-AN-3	JACOBS	54389																																																	
" " "	"	54370																																																	
USED ON R-1340-AN-1	P & W	39780																																																	
" " "	"	33690																																																	
" " "	"	67422																																																	
" " "	"	67423																																																	
INTAKE SIDE EXHAUST SIDE	PACKARD	605666 605667																																																	
USED ON V-1710-35	ALLISON	41475	(*)																																																
USED ON V-1710-39	" "	37980	(*)																																																
USED ON V-1710-49, -53	"	41780	(*)																																																
USED ON V-1710-49, -53	"	41781	(*)																																																
USED ON V-1710-27, -29, -51, -55	"	42360	(*)																																																
USED ON V-1710-63, -73, -81, -85	"	42290	(*)																																																
USED ON R-1820-52, -57	WRIGHT	111568N-11																																																	
USED ON R-1820-52, -57	"	111568N-3																																																	
USED ON R-1820-52, -60	"	69127N4																																																	
USED ON R-1820-65, -97, -71	"	111412N-3	(*)	X	X	X	X																																													
USED ON R-1820-65, -97	"	69661N-3	(*)	X	X	X	X																																													
" " " "	"	111412N-11	(*)	X	X	X	X																																													
" " " "	"	115080N-3	(*)	X	X	X	X																																													
" " " "	"	111419N-3	(*)	X	X	X	X	X																						X																						
USED ON R-1820-71, -97	"	111419N-11	(*)		X	X	X																																													
USED ON R-1820-87	"	68958N-11																																X	X																
USED ON R-1820-97	"	111588N-11			X	X	X																																												
USED ON R-1830-43	P & W	47469							X	X	X	X																																							
USED ON R-1830-43	"	53071							X	X	X	X	X	X	X	X																																			
USED ON R-1830-92	"	26818																																																	
" " "	"	44805																																																	
" " "	"	58242																																																	
" " "	"	74279																																																	
USED ON R-2600-9, -13	WRIGHT	114037N-3															X	X																			X	X	X											
" " "	"	113281N-3															X	X																			X	X	X											
USED ON R-2600-11, -13	"	B-21861															X	X							X											X	X	X											
USED ON R-2600-3, -11	"	69187N-4	(**)																						X																									
USED ON R-2600-11, -23	"	113916N-3	(**)																						X	X	X																							
MANIFOLD ASSY'S - CONTINUED																																																			

REMARKS: LINE NUMBERS IN RED.

(*) (22, 23, 24, 25, 26, 27) INDICATE NO'S LISTED HAVE DISTRIBUTOR DRIVES.

(*) (31, 32, 33, 34, 35, 36) WHEN USING PART NO. 111412-N TO REPLACE PART NO. 69661-N FOUR CLAMPS NO. 4019-D-8 AND FOUR CLAMP TYPE BRACKETS NO. 68859 ARE ALSO REQUIRED.

(**) (48, 49) WHEN USING PART NO. 113916-N, TO REPLACE PART NO. 111754-N, SEVEN SPARK PLUG ELBOWS, PART NO. 113102-N11 ARE REQUIRED


FIGHTERS
CARGO
TRAINERS
P-39L BE
P-39M BE
P-39N BE
P-39Q BE
P-39I BE
P-40E CU
P-40F CU
P-40K CU
P-40L CU
P-40M CU
P-40N CU
RP-47B RE
P-47C RE
P-47D RE
P-47G CU
P-51 NA
P-51A NA
P-51B NA
P-51C NA
P-51D NA
P-61A NO
P-63A BE
UC-45 BH
C-46A CU
C-47 DO
C-47A DO
C-53 DO
C-53D DO
C-54A DO
C-57D LO
C-60A LO
UC-61A FA
UC-64A ND
UC-78 CE
UC-78B CE
UC-78C CE
C-87 CO
AT-6A NA
AT-6B NA
AT-6C NA
AT-6D NA
AT-7 BH
AT-9 CU
AT-9A CU
AT-10 BH
AT-11 BH
AT-16 ND
AT-17 CE
AT-17A CE
AT-17B CE
AT-17C CE
AT-17D CE
AT-18 LO
AT-21 FA
BT-12 FL
BT-13A VU
BT-14 NA
BT-15 VU
PT-13B BO
PT-13D BO
PT-17 BO
PT-17A BO
PT-19A FA
PT-19B FA
PT-22 RY
PT-23 HO
PT-23 SL
PT-23 FL
PT-23 AE
PT-27 BO
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50

REMARKS:

INTERCHANGEABILITY BETWEEN RED LINES. DO NOT CROSS A RED LINE WHEN DETERMINING VERTICAL INTERCHANGEABILITY.

CLASS 02 DESCRIPTION	VENDOR	PART NO.	TYPE	HEAVY BOMBERS: B-17E BO	B-17F BO	B-17F DO	B-17F VE	B-17G DO	B-24D CO	B-24E CO	B-24E DO	B-24E FO	B-24G NA	B-24H FO	B-24H CO	B-24H DO	MEDIUM BOMBERS: B-25C NA	B-25D NA	B-25G NA	B-25H NA	B-26B MA	B-26B1 MA	B-26C MA	RB-34 VE	LIGHT BOMBERS: A-20B DO	A-20C BO	A-20C DO	A-20G DO	A-24A DO	A-24B DO	A-25A CU	A-28A LO	A-29 LO	A-29A LO	A-30A MA	A-35A VU	A-36B VU	A-36A NA	FIGHTERS: P-38E LO	P-38F LO	P-38G LO	P-38H LO	P-38J LO	P-38K LO	P-39D BE	P-39F BE	P-39K BE
MANIFOLD ASSY-IGNITION CONT.																																															
USED ON R-2600-13	WRIGHT	118541-N															X	X																X	X	X											
		1140371-3															X	X																X	X	X											
USED ON R-2600-3,-11,-23,-19	"	(**) 111754N11																							X	X	X	X						X													
USED ON R-2600-21	P&W	48030																																														
	SCINTILLA	10-28700																																													
USED ON R-2800-21,-43,-31	P&W	74501																																													
USED ON R-2800-21,-35,-43	P&W	12513																																													
USED ON R-2800-21,-43	"	59510																			X	X	X																									
ALSO SCINTALLA R.H.-10-24181 USED ON R-2800-31	"	29551	R.H.																					X																							
ALSO SCINTILLA L.H. 10-24180, CENTER 10-24178. USED ON R-2800-31	P&W	29553	L.H.																					X																							
		33353	CENTER																					X																							
USED ON R-2800-5,-51	SCINTILLA	10-10800																																													
	P&W	37265																																													
USED ON R-2800-41,-43,-51	SCINTILLA	10-23952	R.H.																			X	X	X																							
	P&W	48054																																													
	TITEFLEX	11-911-N13																							X	X																					
USED ON R-1820-65	WRIGHT	118542-N (*) 115081-N		X	X	A X	B X																																								
USED ON R-1820-65,-71,-97	"	(*) 115080N11		X	X	X	X																																								
	"	9303																																													
USED ON R-1340-9	JACOBS	39313																																													
USED ON R-985-25	P&W	39870																																													
USED ON R-670-5,-7	CONTINENTAL	1141-F																																												
USED ON R-1820-87	WRIGHT	118542-N (*)																																X	X												
" " "	"	115080-N																																X	X												
" " "	"	111588-N																																X	X												
" " "	"	111419-N (*)																																X	X												
" " "	"	111612-N (*)																																X	X												
" " "	"	6966 IN (*)																																X	X												
USED ON R-2600-11	"	111754N11																							X																						
" " "	"	113911N																							X																						
USED ON R-2600-13	"	118541N															X	X																		X	X	X										
USED ON R-2600-19	"	113916N																																		X											
USED ON R-2000-3,-7		46230																																													
		70262																				X	X																				X	X	X			
	WRIGHT	113911N-3 A5542A-1															X		X									X			X				X		X										
CLASS 03-H																																															
PLUGS - SPARK																																															
USED ON L-440-1, R540-1,-3, R670-3,-4,-5, R680-5,-7,-11	CHAMPION	C-26 (*)	C-26																																												
USED ON L-440-3,-7, R680-9,-13, R1340-41,-47,-49, R-670-6	"	C-26S (*)	C-26S																																												
USED ON ALL V-1710, R2000-3,-5, R-2800-5, -21,-31,-43,-51, R1830-43-67	"	C-34S (*)	C-34S						X	X	X	X	X	X	X	X					X	X	X	X					X										X	X	X	X	X	X	X	X	X
SHIELDED LONG REACH	"	(A) C-35S (*)	C-35D	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
USED ON R-1820-52,-62,-65,-87,-97, R2600-3,-7,-8,-11,-13,-19,-23	BG CORP	A-1246 (*)	LS-465	X	X	X	X										X	X	X	X					X	X	X	X	X	X			X	X	X	X	X									
USED ON R755-9, R975-11, R985-25,-27-AM-1,-3,-4, R1340-47,-49,-AM1	"	A-1295 (*)	SS-454																																												
USED ON R-500-1, R570-3,-4,-5,-11, R680-5,-7,-11, R755-7	"	A-1282 (*)	SU-454																																												
USED ON R985-11,-21,-25,-27, AM1, AM3, AM4, R1340-47, AM1,-R755-9	"	A-1326 (*)	SS-485																																												
USED ON R-440-1, R540-1,-3	"	A-1932 (*)	SU-485																																												
USED ON V-1650-1, INTAKE SIDE	A.C.	(C) 1557452 (*)	LS-48																																												
USED ON V-1650-1, EXHAUST SIDE			LS-47																																												
USED ON V-1650-2	BRITISH A.C.	(*)	RC5/2																																												
USED ON ALL V-1710, R-2800-5,-21,-27, -31,-39,-41,-43,-51, R1830-67,-43	A.C.	1557442 (*)	LS-85				X		X	X	X	X	X	X	X	X					X	X	X	X					X										X	X	X	X	X	X	X	X	X
USED ON R1820-52,-89,-65,-71,-73,-87,-97 R1830-43,-67,-49,-92, R200-3,-7,-8,-9,-11	A.C.	(*)	LS-87	X	X	X	X	X									X	X	X	X					X	X	X	X	X	X	X		X	X	X	X	X									
USED ON R1340-11,-41,-43,-45, (13, 23 -47,-49,-51, AM1, R985-19,-21,-25,-27,	BG CORP	(*)	SS-515																																												
(AM 1, 3, 4 USED ON R680-9,-13, R1340-47,-49,-AM1	"	(*)	SS-453																																												
USED ON ALL ARMY V-1710, R1830, R-2000, R2800-5,-21,-31,-39,-43,-51	A.C.		LS-86																																												
PLUGS - SPARK CONTINUED																																															

REMARKS: LIKE NUMBERS IN RED.

(**) (3) WHEN USING PART NO. 113916-N TO REPLACE PART NO. 111754-N, SEVEN SPARK PLUG ELBOWS, PART NO. 113102-N11 ARE REQUIRED

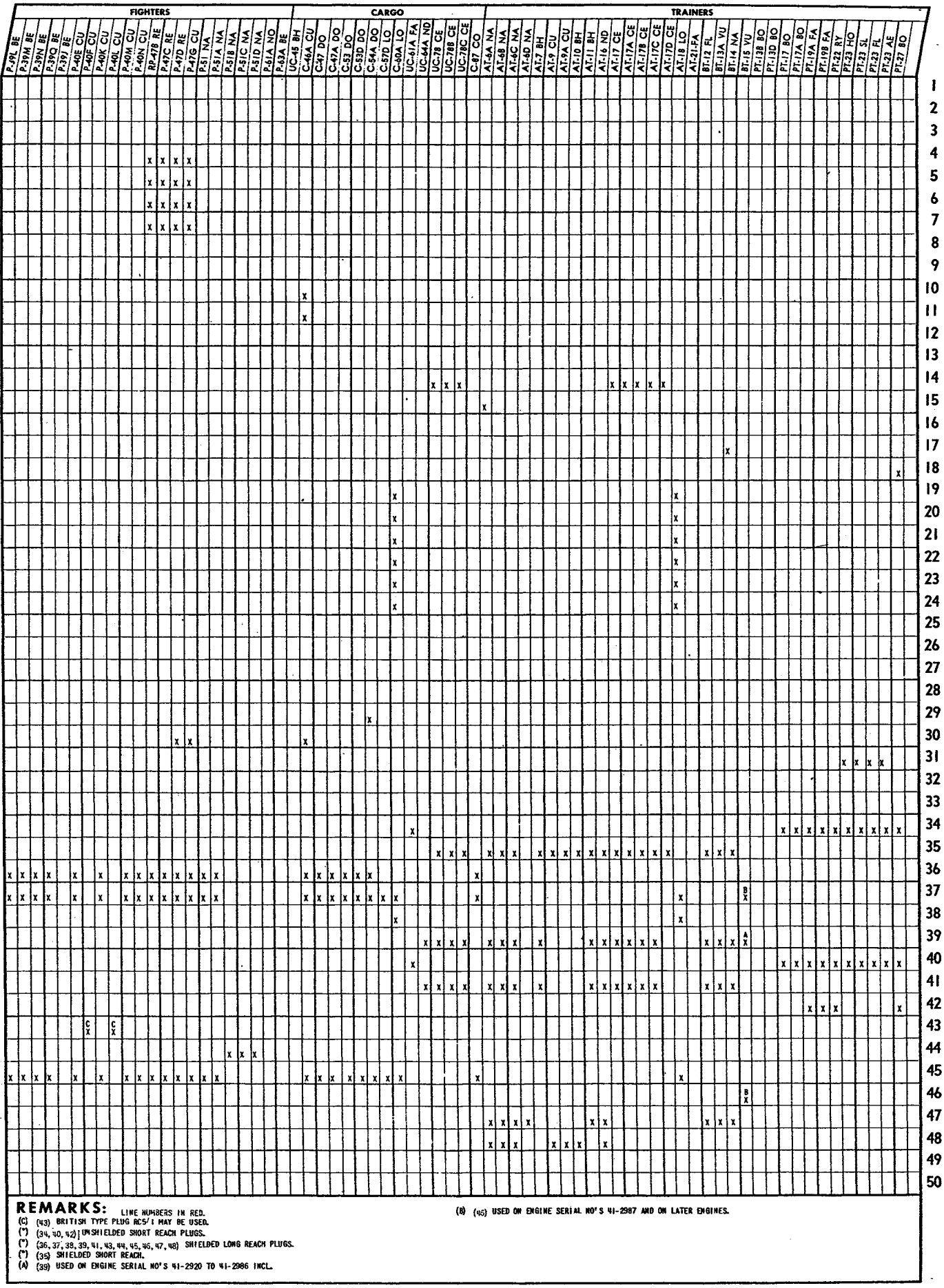
(A) (13) USED ON B-17F- 1st 2 AIRPLANES.

(*) (13, 14, 19, 22) WHEN USING PART NO. 118542-N TO REPLACE PART NO. 111419-N

TWO FLANGES 130-D-64 ARE ALSO REQUIRED AND TWO OUTLET ELBOW PARTS NO. 68832 AND 111874 SHOULD BE DISCARDED.

(*) (23, 24) WHEN USING PART NO. 111412-N TO REPLACE PART NO. 6961-N FOUR CLAMPS 4019-D-8 AND FOUR CLAMP TYPE BRACKETS NO. 68859 ARE ALSO REQUIRED.

(A) (37) USED ON R-975-11, ALL V-1710, R-1820-52,-60,-87,-97, R-1830-43,-67,-92, R-2000-3, R-2600-11,-13,-19,-23, R-2800-5,-21,-31,-43,-51.



REMARKS: LINE NUMBERS IN RED.

(C) (43) BRITISH TYPE PLUG RC5/1 MAY BE USED.

(*) (34, 40, 42) UNSHIELDED SHORT REACH PLUGS.

(*) (36, 37, 38, 39, 41, 43, 44, 45, 46, 47, 48) SHIELDED LONG REACH PLUGS.

(*) (35) SHIELDED SHORT REACH.

(A) (39) USED ON ENGINE SERIAL NO'S 41-2920 TO 41-2986 INCL.

(B) (45) USED ON ENGINE SERIAL NO'S 41-2987 AND ON LATER ENGINES.

INTERCHANGEABILITY BETWEEN RED LINES. DO NOT CROSS A RED LINE WHEN DETERMINING VERTICAL INTERCHANGEABILITY.

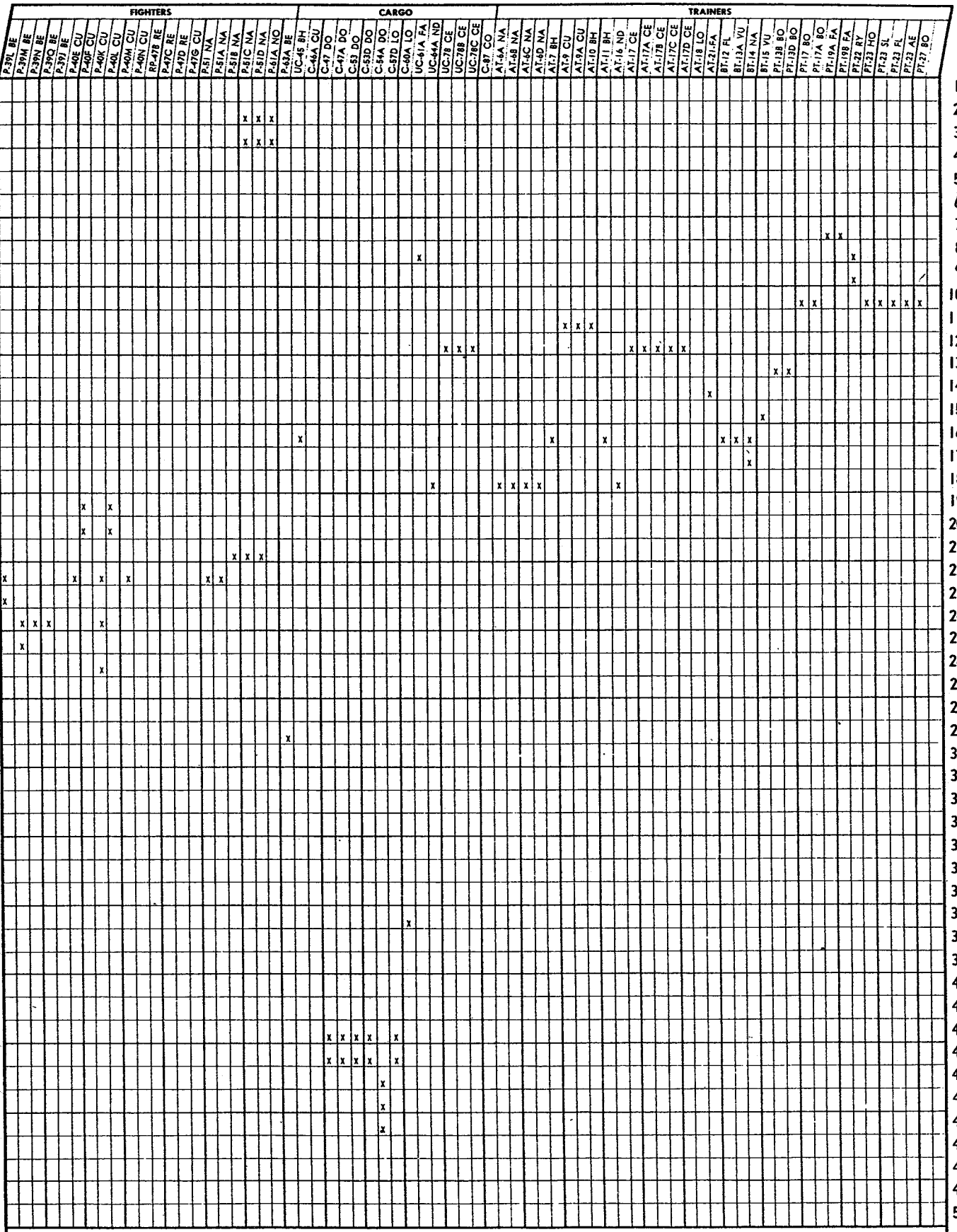
	DESCRIPTION		VENDOR	PART NO.	TYPE	HEAVY BOMBERS														MEDIUM BOMBERS						LIGHT BOMBERS															FIGHTERS					
						B-17E BO	B-17F BO	B-17F DO	B-17F VE	B-17G DO	B-24D CO	B-24E CO	B-24E DO	B-24E FO	B-24G NA	B-24H FO	B-24H CO	B-24H DO	B-25C NA	B-25D NA	B-25G NA	B-25H NA	B-26B MA	B-26B1 MA	B-26C MA	RB-34 VE	A-20B DO	A-20C DO	A-20G DC	A-24A DO	A-24B DO	A-25A CU	A-28A LO	A-29 LO	A-29A LO	A-30A MA	A-35A VU	A-35B VU	A-36A NA	P-38E LO	P-38F LO	P-38G LO	P-38H LO	P-38J LO	P-38K LO	P-39D BE	P-39F BE	P-39K BE
1	PLUGS - SPARK CONTINUED																																													
2	USED ON V-1650-3		BRITISH		RS 5/5																																									
3	USED ON V-1650-3		"		RS 5/5																																									
4	CLASS 03-D																																													
5	CARBURETORS																																													
6	CARBURETOR STOCK LIST	ENGINES USED ON																																												
7	392012	L-440-1	STROMBERG	A-17754	NA-R4B																																									
8	A-24509-B	R-500-1, R-540-1	HOLLY	A-24509B	419																																								
9	A-2516-B	R-540-3	"	A-2516B	419																																									
10	392336	R-670-4, -5, -11	STROMBERG	392337	NA-R6D																																									
11	A-30239	R-680-9, -13, 755-9	"	A-14497	NA-R7A																																									
12	392370	R-755-9	"	A-14497	NA-R7A																																									
13	A-17839	R-680-11, -17	"	A-17767	NA-R7B																																									
14	395337	V-770-11	"	395262	QD-9A2																																									
15	392043	R-975-11	"	A-14499	NA-R9A																																									
16	A-30258	R-985-AN-1, AN-3, R-985-25	"	A-14379	NA-R9B																																									
17	A-30233	R-985-27	"	A-14379	NA-R9B																																									
18	A-18639 395118	R-1340-AN-1, -49	"	A-18099	NA-T9E1																																									
19	392224	V-1650-1	"	395064	PD-16E1																																									
20	392338	V-1650-1	"	395075	PD-16B1																																									
21	395163 395200	V-1650-3	"	395216	PD-18A1																																									
22	392049	V-1710-35, -39, -63, -73, -81	"	392075	PD-12K2																																							X	X	X
23	395004	V-1710-63	"	392475	PD-12K6																																									
24	395011	V-1710-75/77 V-1710-81, -83, -85	"	392476	PD-12K6																																						X				
25	395133	V-1710-83	"	392477	PD-12K6																																									
26	395133	V-1710-73	"	392477	PD-12K7																																									
27	395003	V-1710-89/91 V-1710-87, -51/55	"	392477	PD-12K7																																			X		X	X	X			
28	392420	V-1710-51/55	"	392432	PD-12K3																																				X						
29	395026	V-1710-93	"	392481	PD-13E9																																									
30	A-30171 R 392361 L	V-1710-27/29	"	A-30202	PD-12G1																																					X					
31	A-30171 R A-30171 L	V-1710-49/53	"	A-30202	PD-12G1																																				X						
32	395270	V-1710-75/77	"		PD-12K8																																							X		
33	C-2282A	R-1820-52	HOLLY		1375-HA																							X																	
34	392472	R-1820-60	STROMBERG	392482	PD-12K4																								X																	
35	A-30213	R-1820-65, -97	"	A-30179	PD-12H2	X	X	X	X	X																																				
36	395001	R-1820-65	"	392457	PD-12H5		X	X																																						
37	392096 392313	R-1820-87	"	A-30252	PD-12H3																															X	X									
38	A-30138	R-1830-43	"	A-30230	PD-12F2						X	X	X	X		X	X	X	X																												
39	700-C-3	R-1830-65	CHANDLER EVANS	700	1900-CP83						X	X	X	X	X	X	X	X	X																												
40	392038	R-1830-67	STROMBERG	A-30230	PD-12F2																											X													
41	395108	R-1830-67	"	392413	PD-12F5																											X													
42	A-30139	R-1830-92	"	A-30242	PD-12H1																																									
43	392462	R-1830-92	"	392430	PD-12H4																																									
44	392342 395021	R-2000-3	"	392343	PD-12F3																																									
45	395039	"	"	(*) 392479	PD-12F6																																									
46	395126	R-2000-3, -7	"	(*) 395134	PD-12F7																																									
47	A-2281-A3A	R-2600-8	HOLLY		1685-H																											X						X							
48	A-2281-A	R-2600-13	"		1685-H, HA														X	X	X	X															X	X	X						
49	(A) 117207-N-4	R-2600-19	"		1685-H																																	X	X							
50	CARBURETORS CONTINUED																																													

REMARKS: LINE NUMBERS IN RED.

(*) (45) SAME AS PD-12F3 EXCEPT TWIN FLOAT REGULATOR.

(*) (46) SAME AS PD-12F6 EXCEPT USES REGULATOR WITH SPARK CONTROL.

(A) (49) ENGINE MFG'RS SETTING.


FIGHTERS
CARGO
TRAINERS
P-39L BE
P-39M BE
P-39N BE
P-39Q BE
P-39J BE
P-40E CU
P-40F CU
P-40K CU
P-40L CU
P-40M CU
P-40N CU
RP-47B RE
P-47C RE
P-47D RE
P-47G CU
P-51 NA
P-51A NA
P-51B NA
P-51C NA
P-51D NA
P-61A NO
P-63A BE
UC-45 BH
C-46A CU
C-47 DO
C-47A DO
C-53 DO
C-53D DO
C-54A DO
C-57D LO
C-60A LO
UC-61A FA
UC-64A ND
UC-78 CE
UC-78B CE
UC-78C CE
C-87 CO
AT-6A NA
AT-6B NA
AT-6C NA
AT-6D NA
AT-7 BH
AT-9 CU
AT-9A CU
AT-10 BH
AT-11 BH
AT-16 ND
AT-17 CE
AT-17A CE
AT-17B CE
AT-17C CE
AT-17D CE
AT-18 LO
AT-21 FA
BT-12 FL
BT-13A VU
BT-14 NA
BT-15 VU
PT-13B BO
PT-13D BO
PT-17 BO
PT-17A BO
PT-19A FA
PT-19B FA
PT-22 RY
PT-23 HO
PT-23 SL
PT-23 FL
PT-23 AE
PT-27 BO

REMARKS:

INTERCHANGEABILITY BETWEEN RED LINES. DO NOT CROSS A RED LINE WHEN DETERMINING VERTICAL INTERCHANGEABILITY.

	DESCRIPTION	VENDOR	PART NO.	TYPE	B-17E BO	B-17F BO	B-17F DO	B-17F VE	B-17G DO	B-24D CO	B-24E CO	B-24E DO	B-24E FO	B-24G NA	B-24H FO	B-24H CO	B-24H DO	B-25C NA	B-25D NA	B-25G NA	B-25H NA	B-26B MA	B-26B1 MA	B-26C MA	RB-34 VE	A-20B DO	A-20C BO	A-20C DO	A-20G DO	A-24A DO	A-24B DO	A-25A CU	A-28A LO	A-29 LO	A-29A LO	A-30A MA	A-35A VU	A-35B VU	A-36A NA	P-38E LO	P-38F LO	P-38G LO	P-38H LO	P-38J LO	P-38K LO	P-39D BE	P-39F BE	P-39K BE
					HEAVY BOMBERS													MEDIUM BOMBERS								LIGHT BOMBERS														FIGHTERS								
1	CARBURETORS CONTINUED																																														
2	CARBURETOR STOCK LIST / ENGINES USED ON																																														
3	(A) 69710-N-6B R-2600-19	HOLLY		1685-F																																X	X										
4	392319-80° CAM 39503 R-2600-11	STROMBERG	392384	PD-12J1																					X																						
5	392299 392107 "	"	392384	PD-12J1																					X																						
6	392499 "	"	392468	PD-12J3																					X																						
7	392320 395052 R-2600-23	STROMBERG	A-30232	PD-12K1																					X	X	X																					
8	392328 R-2800-10	"	392400	PT-13D2																																											
9	395156 R-2800-21, -63	"	392367	PT-13G1																																											
10	SET 1340 392351 R-2800-31, -43, -51	"	392367	PT-13G1																	X	X	X	X																							
11	392267 R-2800-21	"	392054	PT-13F1																																											
12	R-2800-63	"																																												
13	39-5207A-2 R-670-4, -11	"	(*) 395215	NA-R6G																																											
14	CLASS 03-1																																													
15	STRAINERS - FUEL																																													
16	"STRAINERS ARE INTERCHANGEABLE PROVIDING PORT SIZE IS THE SAME																																													
17	OR LARGER THAN PRESENT INSTALLATION"																																													
18	OUTLET SIZE / INLET SIZE 3/8" 3/8"	LUNKENHEIMER	AN4006-1A D-422	C-1A																																										
19	1/2" 1/2"		AN-4002	C-2																																										
20	1/2" 1/2"		AC3501706 AN-4002A	(*) C-2A																																										
21	1/2" 1/2"	LUNKENHEIMER	1749	(*) C-3																																	X	X								X	X	X
22	1/2" 1/2"	AERO-SUPPLY	23410	(*) C-3																																	X	X								X	X	X
23	3/4" 3/4"	U. A. P.	U-650-1	(*) C-4	X	X	X	X	X	X	X	X	X	X	X	X	X							X	X	X	X	X	X		X	X	X						X	X	X					
24	3/4" 3/4"	AERO-SUPPLY	13960-3	(*) C-4	X	X	X	X	X	X	X	X	X	X	X	X	X							X	X	X	X	X	X		X	X	X						X	X	X					
25	1" 1"	U. A. P.	U-650-2	(*) C-4A																	X	X	X						X																	
26	3/4" 3/4"	U. A. P.	U-640-1A	C-5														X	X	X	X															X		X								
27		VULTEE	V-349-2																																											
28		"	V-349-3																																												
29			56458-108	AFL																																											
30	3/4" 3/4"	U. A. P.	(FORD) 32P8864	C-4	X	X	X	X	X	X	X	X	X	X	X	X	X							X	X	X	X	X	X		X	X	X						X	X	X					
31	3/4" 3/4"	LUNKENHEIMER		C-5														X	X	X	X																									
32	3/4" 3/4" / 1" 1"	KOEHLER / "	AC-37D3491 / AC-37D3491	C-4 / C-4A	X	X	X	X	X	X	X	X	X	X	X	X	X					X	X	X	X	X	X	X	X	X	X		X	X	X						X	X	X					
33	CLASS 03-D																																													
34	COCKS-FUEL SYSTEM (SELECTOR VALVE)																																													
35	4 PORT 5 POSITION 3/4" PT	AERO-SUPPLY	123726	(*) K7																																									X		
36	4 " 5 " 3/4" PT	"	24231	PK3																					X																				X	X	X
37	2 " 4 " 3/4" PT	"	441138	PD-2																	X	X	X																								
38	3 " 4 " 3/4" PT	"	73934	PE-3					X	X	X	X	X	X	X	X	X																														
39	3 " 4 " 1" PT	"	84038	PG-4	X	X	X	X	X															X																						
40	4 " 5 " 3/4" PT	"	93870	PK-3																					X																				X	X	X
41	3 " 4 " 1" PT	"	1039240	PG-4	X	X	X	X	X															X																						
42	1/2" TUBING 3 PORT 5 POSITION 3/8" PT	"	AN-4002-1	E-1																																										
43	1/2" TUBING 3 PORT 4 POSITION 3/8" PT	"	AN-4003-1	F-1																																										
44	1/2" TUBING CENTER OUTLET 4 PORT 4 POSITION 3/8" PT	"	AN-4004-1	G-1																																										
45	5/8" TUBING 3 PORT 5 POSITION 1/2" PT	"	AN-4004-2	F-2																																										
46			AC-3382284-2	L-2																																										
47	4 PORT 3 POSITION 1/2" PT	U. A. P.	U-1425	G-2A																																										
48	6 PORT 5 POSITION 1" PT	PESCO	2V-2398																																		X	X								
49	2 PORT 4 POSITION 3/4" PT	AERO	74058	PD-3																																										
50	COCKS-FUEL SYSTEM CONTINUED																																													

REMARKS: LINE NUMBERS IN RED.

(A) (3) ENGINE MFG'RS SETTING.

(*) (13) WHEN NA-R6G IS USED ON R-670-4 ENGINE, THE ENGINE BECOMES AN-R-670-11 ENGINE, AND THE NAME PLATE SHOULD BE CHANGED.

(*) (29) ASSEMBLY OF STRAINER AND WOBBLE PUMP.

(*) (20) BUSH TO INTERCHANGE WITH 01-A.

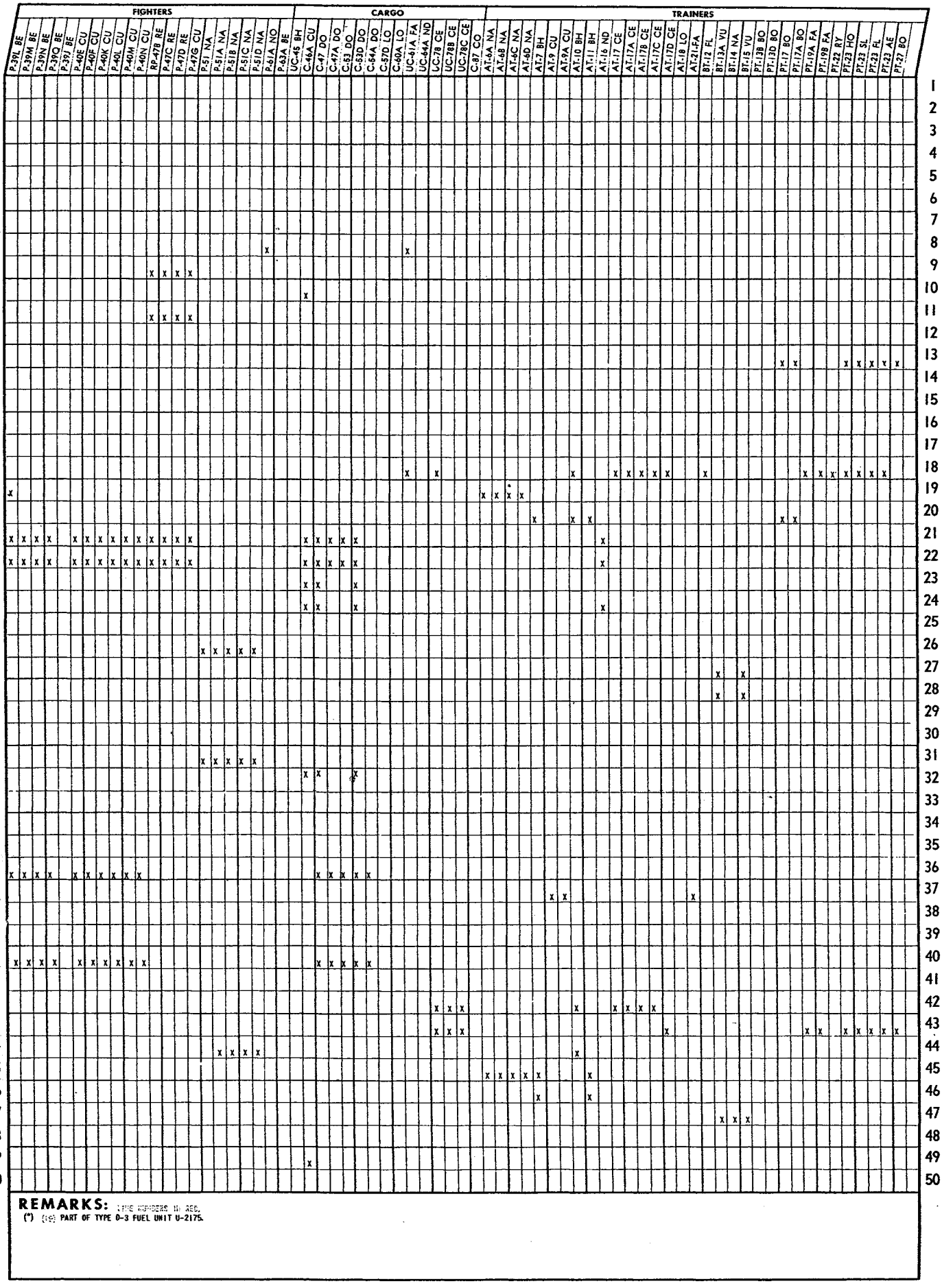
(*) (21, 22) BUSH TO INTERCHANGE WITH C-2 AND C-2A.

(*) (23, 24) BUSH TO INTERCHANGE WITH C-3.

(*) (25) BUSH TO INTERCHANGE WITH C-4.

(*) (35) ANY TYPE K CONFORMING TO SPEC. 95-28345 IS INTERCHANGEABLE.

T. O. No. 00-25-29



REMARKS: LETTER INDICATES TYPE ENGINES IN ACFT.
(*) (**) PART OF TYPE D-3 FUEL UNIT U-2175.

VERTICAL INTERCHANGEABILITY BETWEEN RED LINES. DO NOT CROSS A RED LINE WHEN DETERMINING VERTICAL INTERCHANGEABILITY.

	CLASS 03-D DESCRIPTION		VENDOR	PART NO.	TYPE	HEAVY BOMBERS: B-17E BO	B-17F BO	B-17F DO	B-17F VE	B-17G DO	B-24D CO	B-24E CO	B-24E DO	B-24E FO	B-24G NA	B-24H FO	B-24H CO	B-24H DO	MEDIUM BOMBERS: B-25C NA	B-25D NA	B-25G NA	B-25H NA	B-26B MA	B-26B1 MA	B-26C MA	B-34 VE	LIGHT BOMBERS: A-20B DO	A-20C BO	A-20C DO	A-20G DO	A-24 A DO	A-24B DO	A-25A CU	A-28A LO	A-29 LO	A-29A LO	A-30A MA	A-35A YU	A-35B YU	A-36A NA	FIGHTERS: P-38E LO	P-38F LO	P-38G LO	P-38H LO	P-38J LO	P-38K LO	P-39D BE	P-39F BE	P-39K BE	
1	CCCKS FUEL SYSTEM (SELECTOR VALVE CONTINUED																																																1
2	4 PORT 4 POSITION	3/4" PT	PARKER	2-2340-2-1R	(*)																																			X	X	X	X	X	X				2
3	4 " 4 "	3/4" PT	"	2-2340-2-1L	(*)																																			X	X	X	X	X	X				3
4	3 PORT 5 POSITION	3/4" PT	THOMPSON	TCB-14100-1																																			X									4
5	4 PORT 4 POSITION	3/4" PT	"	TCB-14,100																																												5
6	6 " 6 "	1/2" PT	"	TCB-17,900																																			X									6
7	2 " 2 "	3/4" PT	"	TCB-14,700																																												7
8	5 " 6 "	1" PT	AERO-SUPPLY	113940															X	X	X	X																											8
9			PARKER	12-1139-13-2															X	X	X	X																											9
10			PARKER	89-939-1A																							X	X	X																				10
11			PARKER	12PV66																							X	X	X																				11
12			AERO	64098																										X																		12
13			COLLINS	CE8-540																											X																	13
14			DOUGLAS	4107373																																													14
15	2 PORT 4 POSITION	3/4" PT	AERO-SUPPLY	74066	PD-3																																											15
16	4 PORT 3 POSITION	1/2" PT	AERO OR PARKER	3783158 AN-4004-3	G-2A																																										* X	16
17	3 PORT 4 POSITION	1/2" PT	A. A. F.	SPEC 28355	F-3																																											17
18	2 " 4 "	3/4" PT	AERO	14084	PD-3																																											18
19	2 " 4 "	3/4" PT	"	94083	PD-3																																											19
20	2 " 1 "	1/2" TUBING	AERO OR PARKER	AN-4001-1	D-3																																											20
21	5 " 5 "	1/2" PT	AERO	3783157	K-2A																																									* X	21
22			FAIRCHILD	101HD																																												22
23	2 PORT 4 POSITION	1" PT	AERO	113980	PD-4	X	X	X	X																X																							23
24	3 PORT 4 POSITION	3/4" PT	"	940167	PG-4	X	X	X	X	X															X																							24
25			ELECTRONIC	1-18619				X	X																																							25
26	3 PORT	PYD CONTROL	DENNISON ENG. CO.	A-855	E-5		X	X	X	X																																						26
27			AERO	104166																																												27
28		3/4" PT	PARKER	E12-1140-23	G																																											28
29	4 PORT 3 POSITION	1/2" PT	KOEHLER	AC-3783158	G-2A																																											29
30	CLASS 03-E																																															30
31	SUPERCHARGER - TURBO																																															31
32			GEN ELEC	W-4868827	(*) B-2	X	X	X	X	X	X	X	X	X	X	X	X	X																								A X	C X	B X							32
33			"	W-8402004	(*) B-13	X	X	X	X	X	X	X	X	X	X	X	X	X																								X	X	X							33
34			"	WW-6651554	C-1																																													34
35			"	WW-8456684	B-33																																														35
36	CLASS 03-F																																															36
37	REGULATOR - TURBO SUPERCHARGER																																															37
38			ECLIPSE	E-103611-970-2-A	A-11	X	X	X	X	X																																								38
39			"	E-103610-582-6-A	A-13						X	X	X	X	X	X	X	X																										X	X	X	X					39
40			"	E-110928-582-9	A-17																																													40
41	CLASS 03-J																																																41
42	MOUNTS-ENGINE FLEXIBLE																																																42
43	MOUNTING - TUBE FORM		LORD	J1258	FRONT																																				X									43
44	" " "		"	J1269	REAR																																				X									44
45	" " "		"	J1766	FRONT																																													45
46	" " "		"	J1767	REAR																																														46
47	SUSPENSION ASSY DYNAFOCAL		"	RL-25															X	X		X					X	X	X	X			X					X	X	X								47
48	" " "		"	MR-37																			X	X	X	X																							48
49	" " "		"	RL-15-A-1		X	X	X	X	X																																								49
50	MOUNTS - ENGINE FLEXIBLE CONTINUED																																																50

REMARKS: LINE NUMBERS IN RED.

(*) (2, 3) LEFT AND RIGHT CAN BE MADE INTERCHANGEABLE BY TURNING CAP 180° AND REDRILLING PANEL BOARD FOR MOUNTING SCREWS.

(*) (16) WHEN AUX. TANK IS INSTALLED USE TYPE K-2A PART NO. 3783157.

(*) (21) WHEN AUX. TANK IS NOT INSTALLED USE TYPE G-2A, NO. AN-4004-3 OR 3783158

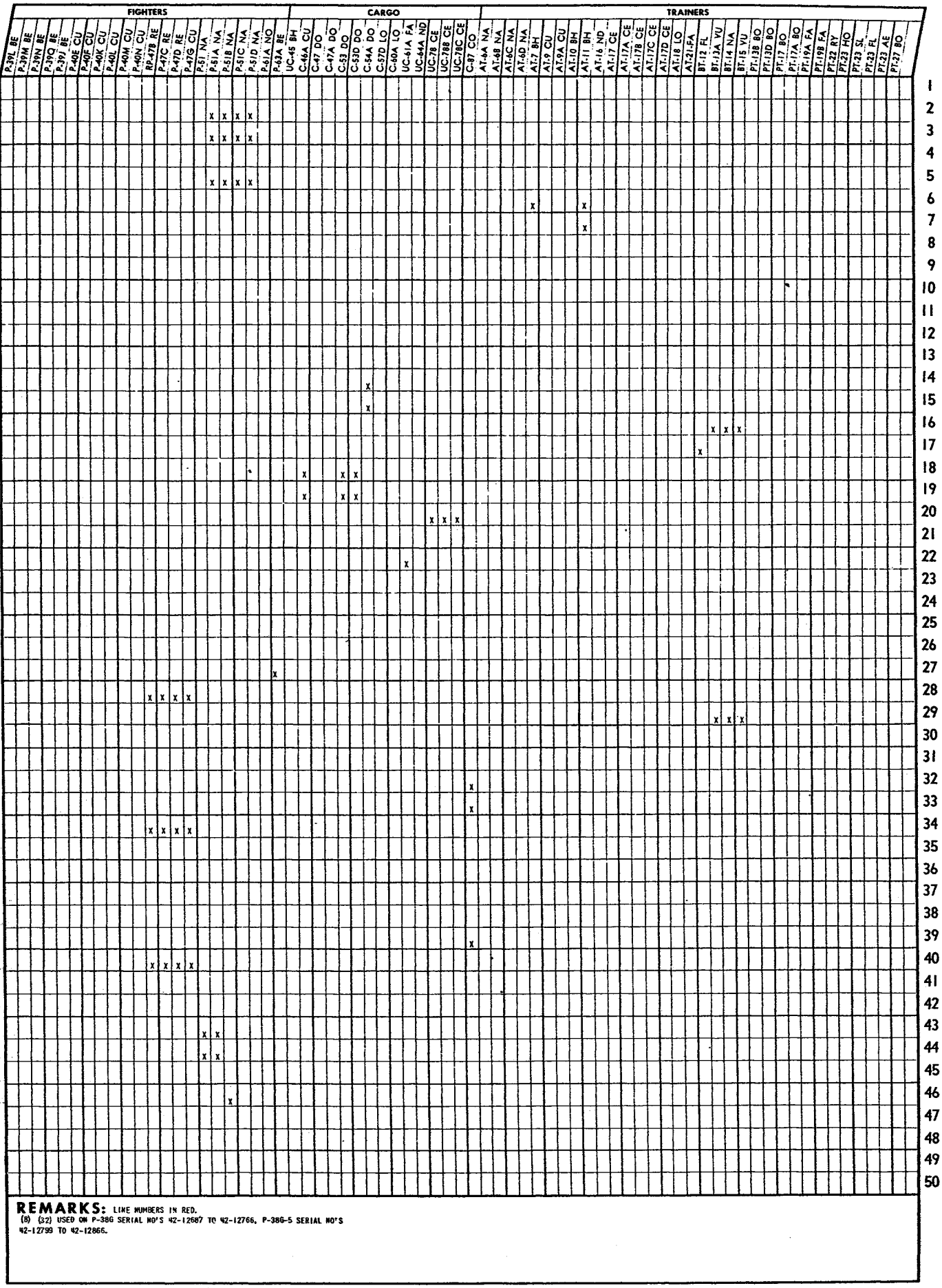
(*) (32) TO CONVERT TO TYPE B-13: REPLACE DIFFUSER (PART 4868536 PT-8 OR 8437189 PT-1) WITH B-13 DIFFUSER (PART 8402017), AND WASTE PIPE (PART 6652059 CR.1 OR 8437467 WITH B-13 WASTE PIPE (PART 8464052).

(*) (33) TO CONVERT TO TYPE B-2 REVERSE PROCEDURE AS OUTLINED IN NOTE OF LINE 32.

(A) (32) USED ON P-38E SERIAL NO'S 7021 TO 8000.

(C) (32) P-38F-5 SERIAL NO'S 12567 TO 42-12665.

T. O. No. 00-25-29



REMARKS: LINE NUMBERS IN RED.
(8) (32) USED ON P-38G SERIAL NO'S 42-12687 TO 42-12766, P-38G-5 SERIAL NO'S 42-12799 TO 42-12866.

INTERCHANGEABILITY BETWEEN RED LINES. DO NOT CROSS A RED LINE WHEN DETERMINING VERTICAL INTERCHANGEABILITY.

	DESCRIPTION	VENDOR	PART NO.	TYPE
1	MOUNTS - ENGINE FLEXIBLE CONTINUED			
2	SUSPENSION ASSY DYNAFOCAL	LORD	MR-36	
3	MOUNTING - TUBE FORM	"	J-1282	FRONT
4	" " "	"	J-1283	REAR
5	" BONDED RUBBER SANDWICH	"	SK-1292-1	
6	" TUBE FORM	"	J-1789-1 J-1202	
7	SUSPENSION ASSY DYNAFOCAL	"	RL-25A	
8	" " "	"	RL-15-A-2	
9	" " "	"	RL-15-C-1	
10	" " "	"	MR-36A	
11	MOUNTING - BONDED RUBBER	"	H-5017-1	
12	" " "	"	(*) H-5017-0B	
13	MOUNTED - TUBE FORM	"	J-1279-0	UPPER
14	" " "	"	J-1278-1	LOWER
15	" " "	"	J-1279-1	
16	" " "	"	H-5006-3	
17	SUSPENSION ASSY - DYNAFOCAL	"	(*) MR-26	
18	MOUNTING - TUBE FORM	"	J-1303-1	
19	" " "		J-1295	
20	SUSPENSION ASSY	P&W	E-45124	
21	" "	"	E-48806	
22	" "	"	B-42399	
23	" "	"	F-41898	
24	MOUNTING - BONDED RUBBER SANDWICH	" LORD	(*) SK1925 SK-1292-2	
25	CLASS 03-1			
26	FILTER - AIR CARBURETOR OR SUPERCHARGER INTAKE			
27		AMER AIR FILTER	568-542	
28		AIR MAZE	87-51-755	
29		AMER AIR FILTER	568-446	
30		"	56C-517	
31		"	568-423	
32		"	568-491	
33		AIR MAZE	89F68263	
34		AMER AIR FILTER	568-557	
35		"	568-497	
36		PUROLATOR	28220	
37		AIR MAZE	32P1457	
38		AMER AIR FILTER	568-539	
39	2 x 14 x 28	AIR MAZE		R-81
40		AMER AIR FILTER	568-430	
41		AIR MAZE	82-42158	
42		AMER AIR FILTER	568-459	
43		"	568-547	
44		"	568-584	
45	2 x 21 x 21	"		VA-35-180A
46		"	568-632	
47		AIR MAZE	5AMA	
48				
49				
50				

	HEAVY BOMBERS														MEDIUM BOMBERS							LIGHT BOMBERS															FIGHTERS								
	B-17E BO	B-17F BO	B-17F DO	B-17F VE	B-17G DO	B-24D CO	B-24E CO	B-24E DO	B-24E FO	B-24G NA	B-24H FO	B-24H CO	B-24H DO	B-25C NA	B-25D NA	B-25G NA	B-25H NA	B-26B MA	B-26B1 MA	B-26C MA	RB-34 VE	A-20B DO	A-20C BO	A-20C DO	A-20G DO	A-24A DO	A-24B DO	A-25A GU	A-28A LO	A-29 LO	A-29A LO	A-30A MA	A-35A VU	A-35B VU	A-36A NA	P-38E LO	P-38F LO	P-38G LO	P-38H LO	P-38J LO	P-38K LO	P-39D BE	P-39F BE	P-39K BE
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REMARKS: LINE NUMBERS IN RED.

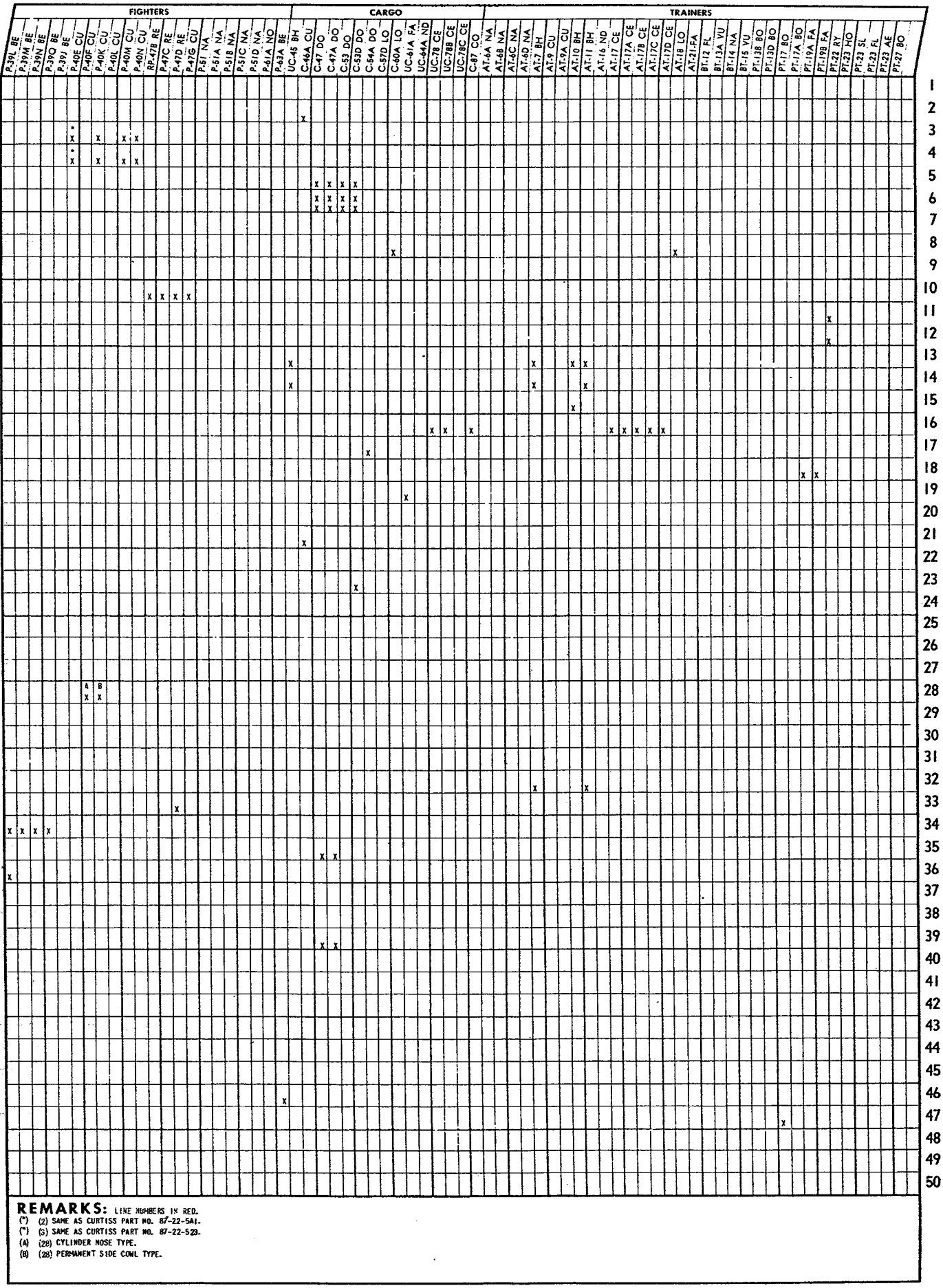
(*) (12) USE SNUBBING WASHER LORD NO. SK-1905-0.

(*) (17) SUB ASSY MR-26SA IS INTERCHANGEABLE WITH P & W NO. 42399, ALSO CORE M-56-1 WILL FIT NO. 42399 HOUSING. SUB ASSY MR-25ASA IS INTERCHANGEABLE WITH MR-26SA.

(*) (24) USE BONDED RUBBER BUSHING NO. SK-1925S.

(*) (39) USED ON A-35B'S HAVING R-2600-19 ENGINES.

T. O. No. 00-25-29



REMARKS: LINE NUMBERS IN RED.

(*) (2) SAME AS CURTISS PART NO. 87-22-5A1.

(*) (3) SAME AS CURTISS PART NO. 87-22-523.

(A) (28) CYLINDER NOSE TYPE.

(B) (28) PERMANENT SIDE COWL TYPE.

INTERCHANGEABILITY BETWEEN RED LINES. DO NOT CROSS A RED LINE WHEN DETERMINING VERTICAL INTERCHANGEABILITY.

NOTE: F-11 FUEL PUMPS ARE NOW BEING USED AS FUEL TRANSFER PUMPS BUT CAN BE USED IN THE SAME APPLICATION AS F-10. ALL G-9 FUEL PUMPS MAY BE USED IN PLACE OF G-6 FUEL PUMPS. THIS SUBSTITUTION CANNOT BE REVERSED BECAUSE OF SMALLER CAPACITY OF G-6.

Line	Description				Vendor	Part No.	Type	B-17E BO	B-17F BO	B-17F DO	B-17F VE	B-17G DO	B-24D CO	B-24E CO	B-24E DO	B-24E FO	B-24G NA	B-24H FO	B-24H CO	B-24H DO	B-25C NA	B-25D NA	B-25G NA	B-25H NA	B-26B MA	B-26B1 MA	B-26C MA	RB-34 VE	A-20B DO	A-20C BO	A-20C DO	A-20G DO	A-24A DO	A-24B DO	A-25A CU	A-28A LO	A-29 LO	A-29A LO	A-30A MA	A-35A VU	A-35B VU	A-36A NA	P-38E LO	P-38F LO	P-38G LO	P-38H LO	P-38J LO	P-38K LO	P-39D BE	P-39F BE	P-39K BE
								HEAVY BOMBERS													MEDIUM BOMBERS								LIGHT BOMBERS														FIGHTERS								
1	CLASS 03-1 PUMPS - FUEL POWER DRIVEN																																																		
2	PORT SIZE	G.P.M. AT 2500 RPM	MTG.	TYPE OF DRIVE																																															
3	3/4"	200	SQ	SPLINE	CHANDLER EVANS	9133	G-6																																												
4	"	"	"	"	"	9047	G-6																																												
5	"	"	"	"	"	9089	G-6																																												
6	"	"	"	"	PESCO	(A) R400-BR	G-6																																												
7	"	"	"	"	CHANDLER EVANS	(*) 9104	G-6																																												
8	"	"	"	"	PESCO	(A) 2P-R900-BRD (*)	G-6																																												
9	"	"	"	"	"	(A) 2P-400BRB (*)	G-6																																												
10	"	(*) 186.6	"	"	THOMPSON	TFD 400-1	G-6																																												
11	"	200	"	"	"	(C) TFD-900-1	G-6																																												
12	"	425	"	"	CANDLER HILL	4103-8	G-9	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
13	"	"	"	"	"	(*) 4103-21	G-9	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
14	"	"	"	"	"	4103-23	G-9	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
15	"	400	"	"	PESCO	(A) 2P-R600-CW	G-9	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
16	"	"	"	"	"	2P-R600-CWB	G-9	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
17	"	"	"	"	"	2P-R600-CWT (*)	G-9	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
18	"	425	"	"	CHANDLER EVANS	9046	G-9	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
19	"	"	"	"	"	9090 (*)	G-9	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
20	"	383	"	"	THOMPSON	TPD-100	G-9	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
21	"	(*) 383	"	"	M&O	MC-409A	G-9	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
22	"	400	"	"	CHANDLER EVANS	9103-16	G-9	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
23	"	400	"	"	CHANDLER EVANS	(*) 9103 (E)	G-9	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
24	"	700	"	"	PESCO	(A) 2P-248EA (*)	(C) G-10	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
25	"	"	"	"	"	(A) 248EB	(C) G-10	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
26	"	(*) 612	"	"	THOMPSON	TFD-2100	(C) G-10	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
27	"	(*) 700	"	"	CHANDLER EVANS	9114	(C) G-10	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
28	"	700	"	"	PESCO	248EC	(C) G-10	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
29	3/4"	200	"	"	"	(B) M400F	F-10																																												
30	"	"	"	"	"	(B) 2P-M400-FE (*)	F-10																																												
31	"	"	"	"	CHANDLER EVANS	(B) 9071	F-10																																												
32	"	225	"	"	"	(B) 9132	F-10																																												
33	"	"	"	"	"	(B) 9095 (*)	F-10																																												
34	1/2"	200	"	"	ROMEC	(B) RD 4120-4	F-10																																												
35	3/4"	220	"	"	CANDLER HILL	(B) 4101-21	F-10																																												
36	"	400	"	"	"	(B) 4103-11	F-11																																												
37	"	"	"	"	PESCO	(B) 2P-M600-CA (*)	F-11																																												
38	"	"	"	"	"	(B) M-600-C	F-11																																												
39	"	"	"	"	THOMPSON	(B) TFD-2300	F-11																																												
40	1/2"	200	SQ. AND OBLONG PAD	"	PESCO	2P-M400	F-4A																																												
41	"	"	"	SQUARE	ROMEC	RD 1686	F-4A																																												
42	"	"	"	"	PESCO	2P-M400-FJ (*)	F-4A																																												
43	"	"	"	"	"	M-400-E (*)	F-4A																																												
44	3/8"	"	SQ	"	"	(*) R-400BLY																																													
45					ROMEC	RD 4140																																													
46																																																			
47																																																				
48																																																			
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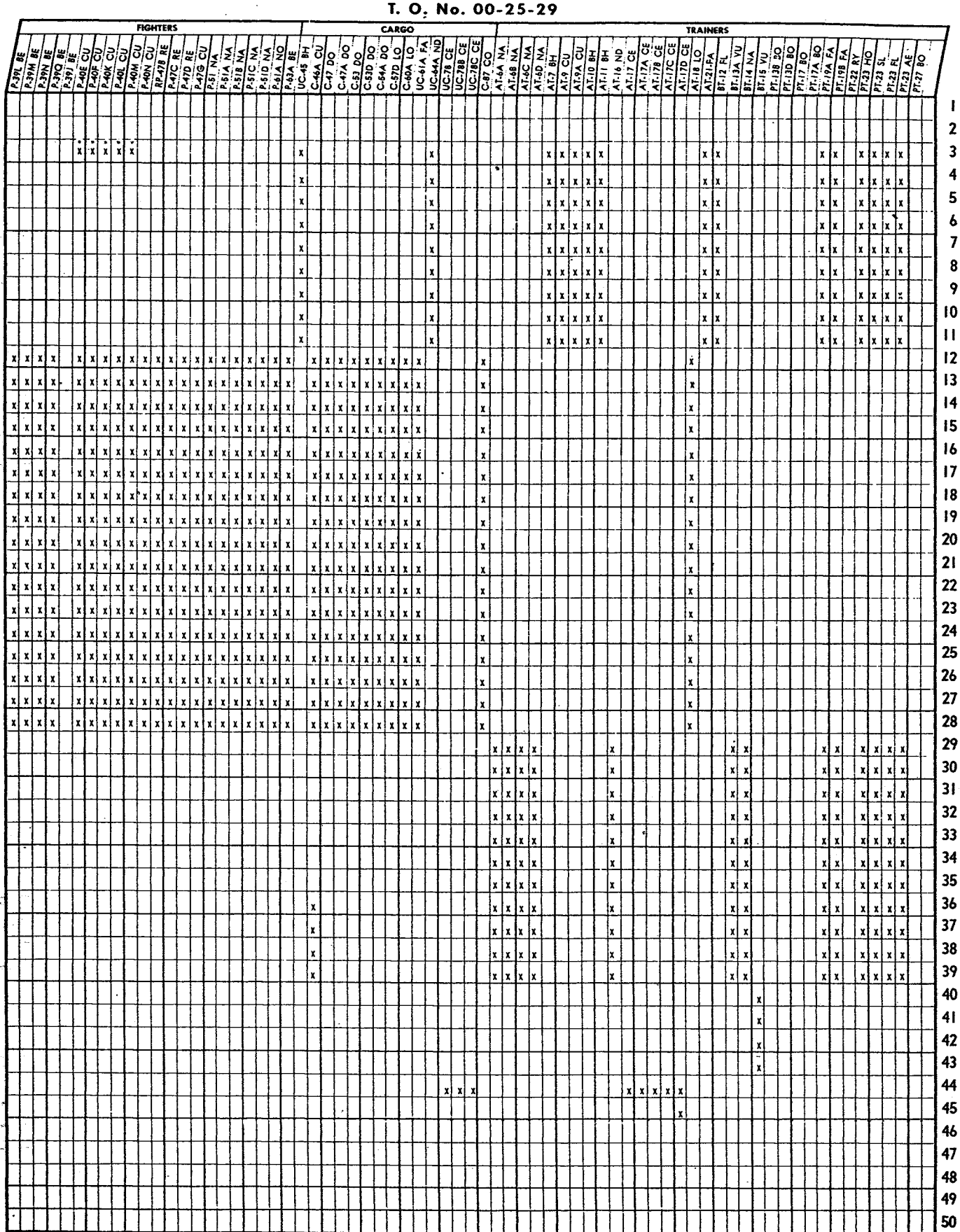
REMARKS- LINE NUMBERS IN RED.

(A) (6, 8, 9, 15, 24, 25) TO CHANGE ROTATION OF PUMP TAKE OFF RELIEF VALVE, TURN 180° AND RE-INSTALL.
(*) (10, 22, 26, 27) CAPACITY AT 2000 R.P.M.
(C) (11) SAME AS TFD 400-1 3/4" TO 1/2" REDUCER SHIPPED WITH PUMP.
(*) (23) IDENTICAL WITH CE-91C/ USED BY NAVY.
(C) (24, 25, 26, 27, 28) USE REDUCER FOR 3/4" LINE RELIEF VALVE ON PUMP.

(B) (29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39) TYPE F-11 PUMP MAY BE USED IN PLACE OF F-10. THE REVERSE IS NOT TRUE BECAUSE F-11 HAS DOUBLE THE CAPACITY OF F-10.
(*) (34) USE 1/2" TO 3/4" ADAPTER.
(*) (44) USED ON JACOBS ENGINES ONLY.
(*) (7) LATER MODEL THAN NO. 9089.
(*) (8) LATER MODEL THAN R400BR AND 2P-R400BRD.



REMARKS: LINE NUMBERS IN RED.

(*) (17) LATER MODEL THAN 2P-R600-CVB.
(*) (19) LATER MODEL THAN NO. 9046.
(E) (23) LATER MODEL THAN NO. 9090.
(*) (13) LATER MODEL THAN NO. 9103-16.
(*) (24) LATER MODEL THAN NO. 24 BE
(*) (30) LATER MODEL THAN MM00F
(*) (33) LATER MODEL THAN NO. 9071
(*) (43) LATER MODEL THAN NO. 2P-MM00.
(*) (42) LATER MODEL THAN NO. M-400E.
(*) (37) LATER MODEL THAN NO. M-600-C.
(*) (3) USED AS AUXILIARY FUEL PUMP.

VERTICAL INTERCHANGEABILITY BETWEEN RED LINES. DO NOT CROSS A RED LINE WHEN DETERMINING VERTICAL INTERCHANGEABILITY.

	DESCRIPTION	VENDOR	PART NO.	TYPE	B-17E BO	B-17F BO	B-17F DO	B-17F VE	B-17G DO	B-24D CO	B-24E CO	B-24E DO	B-24E FO	B-24G NA	B-24H FO	B-24H CO	B-24H DO	B-25C NA	B-25D NA	B-25G NA	B-25H NA	B-26B MA	B-26B1 MA	B-26C MA	RB-34 VE	A-20B DO	A-20C BO	A-20C DO	A-20G DO	A-24A DO	A-24B DO	A-25A CU	A-28A LO	A-29 LO	A-29A LO	A-30A MA	A-35A VU	A-35B VU	A-36A NA	P-38E LO	P-38F LO	P-38G LO	P-38H LO	P-38J LO	P-38K LO	P-39D BE	P-39F BE	P-39K BE
1	CLASS 03-1 BOOSTER PUMP																																														
2	NOTE - VARIABLE PRESSURE PUMPS ARE INTERCHANGEABLE WITH LOW																																														
3	PRESSURE, BUT LOW PRESSURE PUMPS ARE NOT INTERCHANGEABLE WITH																																											•			
4	VARIABLE PUMPS. NOTE "BOOSTER PUMP CLASSIFICATION" LINE 5 & 6																																			•											
5	CLASS I - LOW PRESSURE																																														
6	" II VARIABLE PRESSURE																																														
7	" III LOW PRESSURE (ENGINE START)																																														
8	PORT SIZE G.P.M. AT 2500 RPM MTG 24	THOMPSON	TFD-6600	CL II																					X	X	X																				
9	" "	"	TFD-6600-2	CL II																					X	X	X																				
10	" "	"	TFD-6600-3	CL II																					X	X	X																				
11	" "	"	TFD-13000-2																																			X									
12	3 PIN ELEC. CONNECTOR CIRCULAR 1" 300 16 BOLTS "	"	TFD-6500	CL II B-7A																																										
13	1/8 "	PESCO	426CA					•																																X	X	X	X					
14	"	THOMPSON	TFD-6600-1	CL II																					X	X	X																				
15	" "	"	TFD-6700	CL I																					X	X	X																				
16	" "	"	TFD-6700-1	CL I						•															X	X	X																				
17	1" 300 8 BOLTS"	"	(*) TFD-6800	B-7 CL II																																										
18	" "	"	TFD-6800-1	B-7 CL II																																											
19	" "	"	TFD-8100	CL I	X	X	X	X																													X										
20	1" "	"	TFD-8200	CL I	X	X	X	X	X	X	X	X	X	X	X	X	X																			X										
21	1" "	"	TFD-8400	CL I																	X	X	X	X																						
22	1" "	"	TFD-8700	CL- I														X	X	X	X					X	X	X	X																	
23	1" "	"	TFD-12100	CL II	X	X	X																																								
24	1" 300 1/15 24	PESCO	2E-258-5							X	X			X				X																												
25	"	THOMPSON	TFD-12000	CL I	X	X	X																															X	X								
26	"	"	TFD-13000																																				X								
27	1" 300 8 BOLT CIR. FL	"	TFD-8000																																											
28	3 PIN ELECTRIC CONNECTOR 1" 300 8 BOLT CIR. FL	"	(*) TFD-8000-1	B-7																												X														
29	3 PIN ELECTRIC CONNECTOR 1" 300 8 BOLT CIR. FL	"	PESCO (*) 2E-616	B-7																																										
30	3/4"	"	PESCO	2E-659																																											
31		"		2E-608D																																											
32		THOMPSON	TFD-9400-2																											X	X																
33		"	TFD-9500																											X	X															
34			2E-614-GA OR 2E-614-EA							X	X																																				
35		THOMPSON	TFD-10100																																									X			
36	CLASS 12																																													
37	PUMP, TRANSFER FUEL- HAND OPERATED																																													
38		BLACKMER	PA-609-D	D-15	X	X	X	X																																							
39		SMITH	T-9065-C	D-16		X	X	X	X																																						
40	CLASS 03-1																																													
41	PUMPS - TRANSFER FUEL - HYD. MOTOR OPERATED (*)																																													
42	900 G.P.M. AT 750 RPM 24 V.	CLARKE	AO-4							X																																				
43	" " "	PESCO	492-C																			X	X	X																						
44	" " "	ROMEC	RG-4430		X	X																																								
45	" " "	"	RG-4430-A		X	X																																								
46	" " "	"	RG-4430-2	TF-10	X	X	X	X																																							
47	" " "	"	RG-4430-2A			X																																								
48	" " "	PESCO	2E-542-H		X	X																																								
49	" " "	THOMPSON	TFD-9800															X	X	X	X																		X								
50	PUMPS - MOTOR OPERATED CONT.																																													

REMARKS: LINE NUMBERS IN RED.
(*) (17) HAS 3 PIN CONNECTOR LOCATED 180° AWAY FROM STANDARD POSITION. USE LONGER CONNECTING CABLE.
(*) (28, 29) THE TWO OR THREE PIN ELECTRICAL CONNECTORS CAN BE INTERCHANGED ON PUMP TO MATCH ELECTRICAL SYSTEM ON AIRPLANE.
(*) (41) THE F-11 FUEL PUMPS ARE NOW BEING USED AS FUEL TRANSFER PUMPS.

FIGHTERS

	P-39L BE	P-39M BE	P-39N BE	P-39Q BE	P-39J BE	P-40E CU	P-40F CU	P-40K CU	P-40L CU	P-40M CU	P-40N CU	RP-47B RE	P-47C RE	P-47D RE	P-47G CU	P-51 NA	P-51A NA	P-51B NA	P-51C NA	P-51D NA	P-61A NO	P-63A BE
1																						
2																						
3																						
4																						
5																						
6																						
7																						
8																						
9																						
10																						
11																X	X	X				
12																						
13																						
14																						
15																						
16																						
17												X	X	X	X							
18												X	X	X	X							
19																						
20																						
21																						
22																						
23																						
24																						
25																						
26																	X	X	X	X		X
27																						-
28																						
29																						
30																						X
31																						
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40																						
41																						
42																						
43																						
44																						
45																						
46																						
47																						
48																						
49																X	X					
50																						

CARGO

	UC-45 BH	C-46A CU	C-47 DO	C-47A DO	C-53 DO	C-53D DO	C-54A DO	C-57D LO	C-60A LO	UC-61A FA	UC-64A ND	UC-78 CE	UC-78B CE	UC-78C CE	C-87 CO
1															
2															
3															
4															
5															
6															
7															
8															
9															
10															
11															
12		X	X												
13															
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20															X
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27		X													
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TRAINERS

	AT-6A NA	AT-6B NA	AT-6C NA	AT-6D NA	AT-7 BH	AT-9 CU	AT-9A CU	AT-10 BH	AT-11 BH	AT-16 ND	AT-17 CE	AT-17A CE	AT-17B CE	AT-17C CE	AT-17D CE	AT-18 LO	AT-21 FA	BT-12 FL	BT-13A VU	BT-14 NA	BT-15 VU	PT-13B BO	PT-13D BO	PT-17 BO	PT-17A BO	PT-19A FA	PT-19B FA	PT-22 RY	PT-23 HO	PT-23 SL	PT-23 FL	PT-23 AE	PT-27 BO	
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REMARKS:

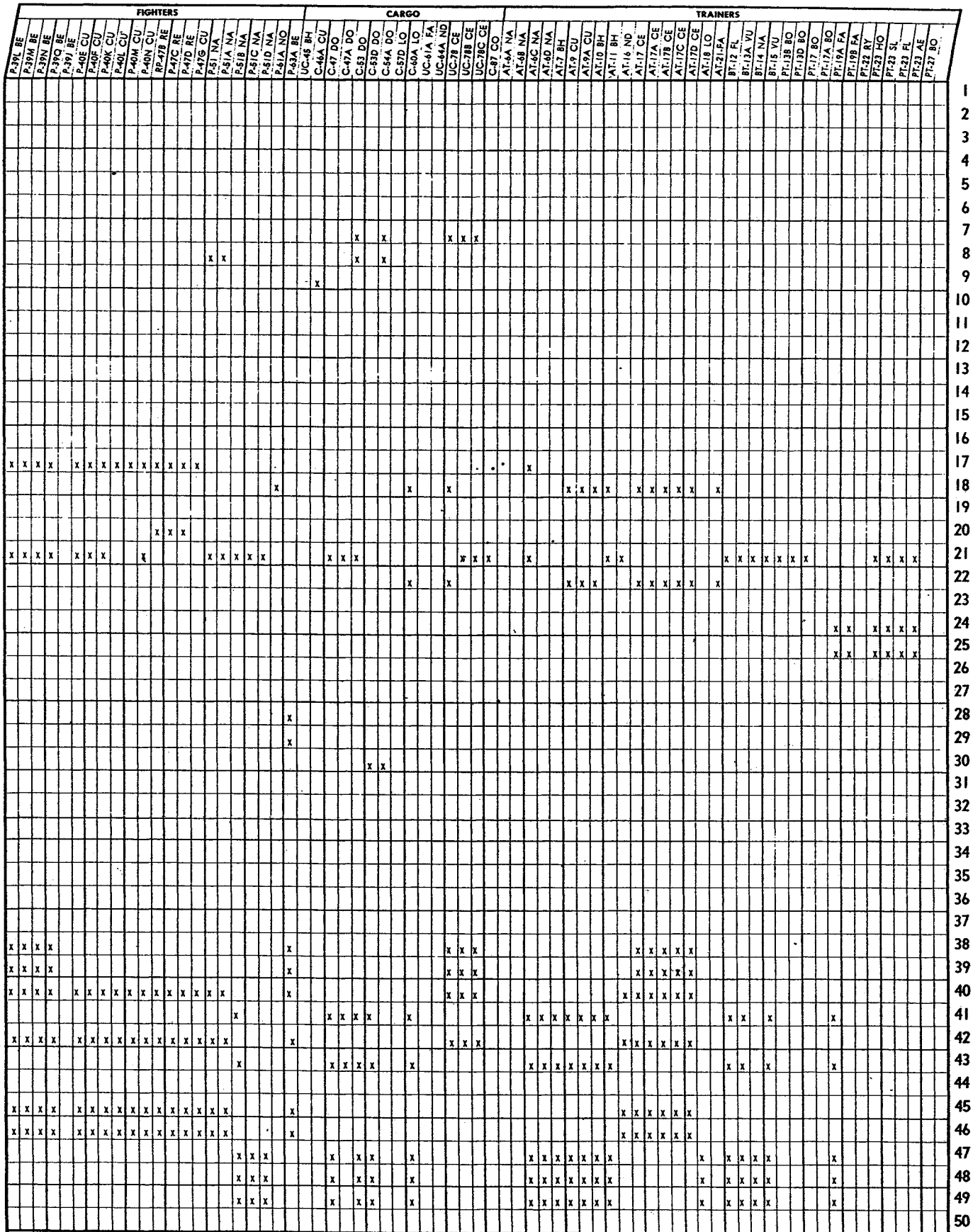
(VERTICAL INTERCHANGEABILITY BETWEEN RED LINES. DO NOT CROSS A RED LINE WHEN DETERMINING VERTICAL INTERCHANGEABILITY.

NOTE: THE F-11 FUEL PUMPS ARE NOW BEING USED AS FUEL TRANSFER PUMPS.

	DESCRIPTION	VENDOR	PART NO.	TYPE	HEAVY BOMBERS: B-17E BO	B-17F BO	B-17F DO	B-17F VE	B-17G DO	B-24D CO	B-24E CO	B-24E DO	B-24E FO	B-24G NA	B-24H FO	B-24H CO	B-24H DO	MEDIUM BOMBERS: B-25C NA	B-25D NA	B-25G NA	B-25H NA	B-26B MA	B-26B1 MA	B-26C MA	RB-34 VE	LIGHT BOMBERS: A-20B DO	A-20C BO	A-20C DO	A-20G DO	A-24A DO	A-24B DO	A-25A CU	A-28A LO	A-29 LO	A-29A LO	A-30A NA	A-35A VU	A-35B VU	A-36A NA	FIGHTERS: P-38E LO	P-38F LO	P-38G LO	P-38H LO	P-38I LO	P-38K LO	P-39D BE	P-39F BE	P-39K BE
1	CLASS 03-1 PUMPS - TRANSFER FUEL - HYD. MOTOR OPERATED CONTINUED																																														
2	900 G.P.H. AT 750 RPM 24 V	THOMPSON	TFD-9200															X	X	X	X																		X									
3	" " "	"	TFD-9200-1							X	X	X	X	X	X	X	X	X	X	X	X																		X									
4	" " "	"	(*) TFD-9400-2																											X	X									X	X	X	X					
5	" " "	PESCO	2P-248 EA							X	X	X	X	X	X	X	X																															
6	" " "	"	2P-248 EC							X	X	X	X	X	X	X	X																															
7	" " "	THOMPSON	(*) TFD-9500																											X	X									X	X	X	X					
8	" " "	"	TFD-10100															X	X	X	X																											
9	" " "	"	TFD-10200																						X																							
10	"	"	TFD-6700																							X																					
11	"	"	TFD-6700-1																							X																					
12	"	PESCO	2E-608																																												
13	"	ROMEC	RD-420			X																																									
14	CLASS 03-1																																														
15	PUMP - PRIMER FUEL																																														
16	INTERNAL PT OUTLET ENGINE SYSTEM CAPACITY																																														
17	LOW 1/8" SINGLE PRESSURE 1/2 OZ	PARKER	P4CA1A	AC E-2																											X	X						X						X	X	X	
18	1/8" DUAL " "	"	P4CA2A	AC E-3																		X	X	X		X	X	X	X					X	X					X	X	X	X	X	X			
19	1/8" 4 WAY " "	"	P4XA4A	AC E-5	X	X	X	X	X																																						
20	HIGH 1/8" SINGLE PRESSURE "	"	P4CB1A																																												
21	LOW 1/8" " PRESSURE 1/8 OZ	"	401-1A	AC E-1																			X	X							X	X						X						X	X	X	
22	1/8" DUAL " 1/8 OZ	"	401-2A																				X	X		X							X	X					X								
23	ELECTRICAL OPERATED 4 WAY	BENDIX	EX-1403-501							X	X	X	X	X	X	X	X																													
24	1/8"	LUNKEN-HEIMER	AH-690-11 1664																																											
25	SINGLE		10-2838-11																																				X								
26	LOW 1/8" 4 WAY PRESSURE 1/8 OZ	PARKER	401-4A		X	X	X	X	X																																					
27		WRIGHT AERO	417091																																											
28		BENDIX	392434																			X	X	X																						
29		A.C.	3706210																			X	X	X																						
30		AIR ASSOC	M-441-M2																																											
31		BENDIX	392273-13																													X														
32		BENDIX	395334							X	X	X	X	X	X	X	X																													
33	CLASS 03-1																																													
34	PUMPS - VACUUM																																													
35	NOTE - C.F.M. DENOTES CUBIC FT. OF FREE AIR PER MINUTE. ALL																																												
36	VACUUM PUMPS LISTED ROTATE EITHER DIRECTION																																												
37	PORT OD / CFM AT 1500 RPM / MTG / TYPE SHAFT																																												
38	3/8" P.T. 4.5 SQ TNG.	ECLIPSE	D-51589-548-1	(*) B-2A																											X	X						X	X	X	X			X	X	X	
39	3/8" P.T. 4.5 SQ TNG.	"	D-51589-548-3	(*) B-2A																											X	X						X	X	X	X			X	X	X	
40	3/8" P.T. 4.5 SQ TNG.	PESCO	(*) 3-P-194E	B-2A																											X	X						X	X	X	X			X	X	X	
41	1/2" P.T. 8 " "	"	(A) 3-P-2070	B-3														X	X	X	X	X	X	X	X	X	X	X	X					X	X	X	X	X	X	X						
42	3/8" P.T 4.5 " SPLINE	"	(*) 1940	B-6																											X	X						X	X	X	X			X	X	X	
43	1/2" P.T. 7.5 " "	"	(B) 3P-207-JA	B-12 B-12A														X	X	X	X	X	X	X	X	X	X	X	X					X	X	X	X	X	X	X						
44	3/4" (*) P.T. 15 5"B.C. "	ECLIPSE	610-2A																																												
45	" 4.5 SQ "	"	(C) B-120187-657-12	B-11A																												X	X						X	X	X	X			X	X	X	
46	" 4.5 " "	PESCO	(C) 3K-3578	B-11A																												X	X						X	X	X	X			X	X	X	
47	1/2" P.T. 7.5 " "	AERO-EQUIP.	(B) 3P-207-5A	B-12 B-12A														X	X	X	X	X	X	X	X	X	X	X	X					X	X	X	X	X	X	X						
48	" 7.5 " "	ECLIPSE	(B) (19) D-89280-683-3	B-12 B-12A														X	X	X	X	X	X	X	X	X	X	X	X					X	X	X	X	X	X	X						
49	" 8 " "	"	(B) (19) D-89280-683-4	B-7														X	X	X	X	X	X	X	X	X	X	X	X					X	X	X	X	X	X	X						
50	PUMPS - VACUUM CONTINUED																																													

REMARKS: LINE NUMBERS IN RED.

(*) (6) WHEN SUBSTITUTING TFD 9500 SLIGHT REWORK IS NECESSARY.
(*) (7) WHEN SUBSTITUTING TFD 9400-2 SLIGHT REWORK IS NECESSARY.
(*) (18) 180° P4CA2A PRIMER REQUIRED.
(*) (38, 39) TYPES B-11, B-11A, B-6, MAY BE USED TO REPLACE TYPE B-2A IF THE ENGINE HAS A SPLINE AND THE SPLINE TO TONGUE ADAPTER BUSHING IS REMOVED.
(*) (40, 42) TYPES B-6, B-11, B-11A MAY BE USED TO REPLACE B-2A IF THE ENGINE HAS A SPLINE AND THE SPLINE TO TONGUE ADAPTER BUSHING IS REMOVED.
(A) (41) WHEN SUBSTITUTING TYPE B-7, B-12 USE SPLINE TO TONGUE ADAPTER AN-4050-1
(B) (43, 47, 48, 49) WHEN SUBSTITUTING TYPE B-3 USE SPLINE TO TONGUE ADAPTER AN-4050-1.
(C) (45, 46) WHEN SUBSTITUTING TYPE B-2A ADD SPLINE TO TONGUE ADAPTER AN-4050-1.
(*) (44) CFM AT 2200 RPM.


FIGHTERS
CARGO
TRAINERS
P-39L BE
P-39M BE
P-39N BE
P-39Q BE
P-39J BE
P-40E CU
P-40F CU
P-40K CU
P-40L CU
P-40M CU
P-40N CU
RP-47B RE
P-47C RE
P-47D RE
P-47G CU
P-51 NA
P-51A NA
P-51B NA
P-51C NA
P-51D NA
P-51A NO
P-63A BE
UC-46 BH
C-46A CU
C-47 DO
C-47A DO
C-53 DO
C-53D DO
C-54A DO
C-57D LO
C-60A LO
UC-61A FA
UC-64A ND
UC-78 CE
UC-78B CE
UC-78C CE
C-87 CO
AT-6A NA
AT-6B NA
AT-6C NA
AT-6D NA
AT-7 BH
AT-9 CU
AT-9A CU
AT-10 BH
AT-11 BH
AT-16 ND
AT-17 CE
AT-17A CE
AT-17B CE
AT-17C CE
AT-17D CE
AT-18 LO
AT-21 FA
BT-12 FL
BT-13A VU
BT-14 NA
BT-15 VU
PT-13B BO
PT-13D BO
PT-17 BO
PT-17A BO
PT-19A BO
PT-19A FA
PT-19B FA
PT-22 RY
PT-23 HO
PT-23 SL
PT-23 FL
PT-23 AE
PT-27 BO

REMARKS:

VERTICAL INTERCHANGEABILITY BETWEEN RED LINES. DO NOT CROSS A RED LINE WHEN DETERMINING VERTICAL INTERCHANGEABILITY.

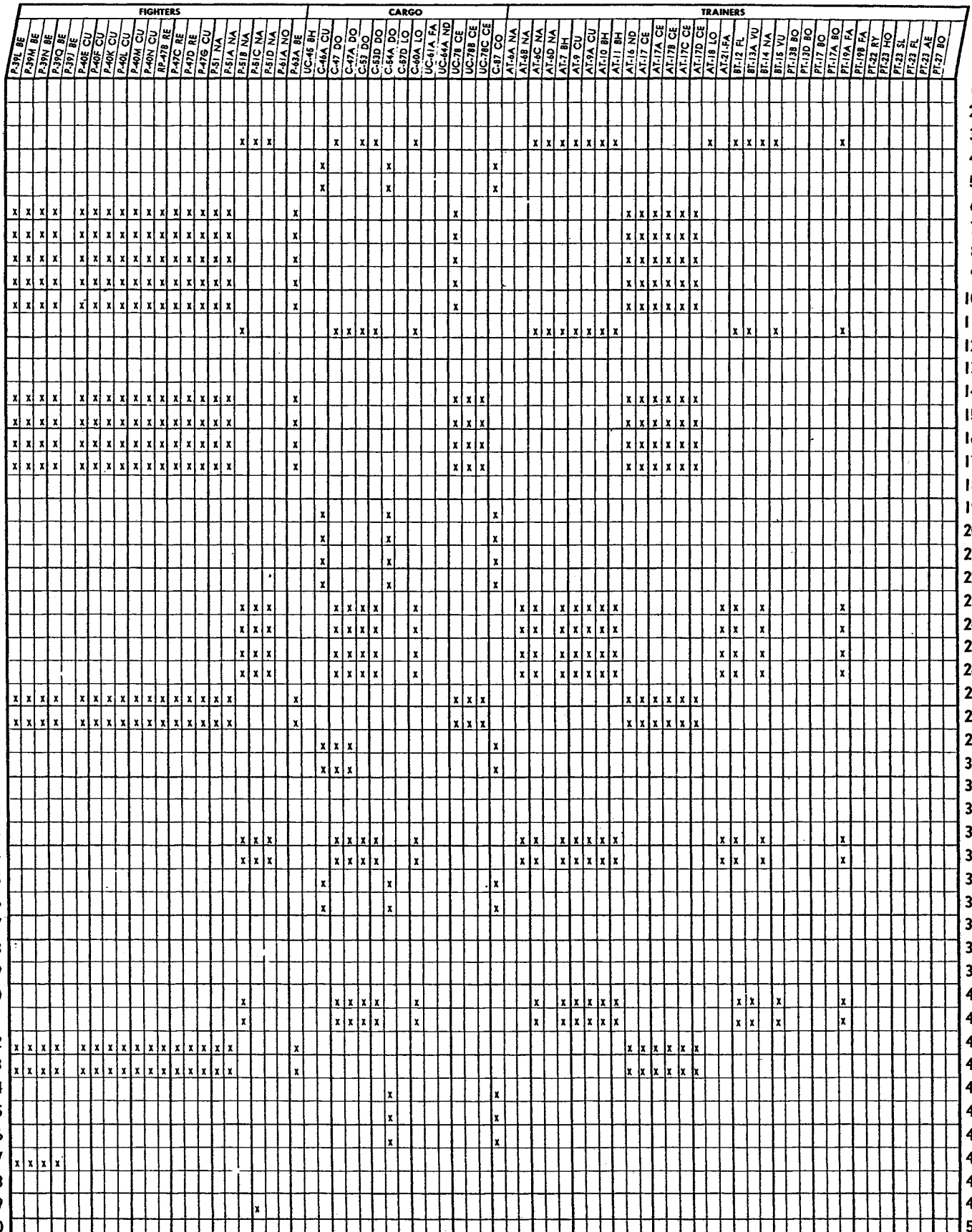
	CLASS 03-1 DESCRIPTION	VENDOR	PART NO.	TYPE	HEAVY BOMBERS: B-17E BO	B-17F BO	B-17F DO	B-17F VE	B-17G DO	B-24D CO	B-24E CO	B-24E DO	B-24E FO	B-24G NA	B-24H FO	B-24H CO	B-24H DO	MEDIUM BOMBERS: B-25C NA	B-25D NA	B-25G NA	B-25H NA	B-26B MA	B-26B1 MA	B-26C MA	RB-34 VE	LIGHT BOMBERS: A-20B DO	A-20C BO	A-20C DO	A-20G DO	A-24A DO	A-24B DO	A-35A CU	A-28A LO	A-29 LO	A-29A LO	A-30A MA	A-35A VU	A-35B VU	A-36A NA	FIGHTERS: P-38E LO	P-38F LO	P-38G LO	P-38H LO	P-38J LO	P-38K LO	P-39D BE	P-39F BE	P-39K BE
1	PUMPS - VACUUM CONT.																																														
2	PORTS ODD / CFM AT 1500 RPM / MTG / TYPE SHAFT																																															
3	1/2" P.T. 8 SQ SPLINE	PESCO (*)	3P-207-J	B-7														X	X	X	X	X	X	X	X	X	X	X	X			X	X	X	X	X	X										
4	3/4" P.T 15 " "	ECLIPSE (*)	D-85053-610-2	B-8A B-8	X	X	X	X	X	X	X	X	X	X	X	X	X																															
5	" 15 " "	PESCO (*)	3P-211-J	B-8A B-8	X	X	X	X	X	X	X	X	X	X	X	X	X																															
6	3/8" P.T 4.5 " "	ECLIPSE (*)	D-83902-692-3	B-9																										X	X							X	X	X	X			X	X	X
7	3/8" P.T 4.5 " "	PESCO (*)	3P-194-G	B-9																										X	X							X	X	X	X			X	X	X
8	3/8" P.T 4.5 " "	ECLIPSE (*)	D-83802-692-2	B-11																										X	X							X	X	X	X			X	X	X
9	3/8" P.T 4.5 " "	PESCO (*)	3P-194-F	B-11																										X	X							X	X	X	X			X	X	X
10	3/8" P.T. 4.5 " "	ECLIPSE (*)	D-82327-548-5	B-11																										X	X							X	X	X	X			X	X	X
11	1/2" 4.5 SQ TNG	ECLIPSE	D-89500-683-2	B-3														X	X	X	X	X	X	X	X	X	X	X	X			X	X	X	X	X	X										
12	CLASS 03-1																																															
13	VALVE - SUCTION RELIEF (VACUUM PUMP)																																														
14	3/8" USE ON B-2A, B-9, B-11 PUMPS P.T 12CFM SCREENED RELIEF INLET	PESCO	3V-195																											X	X							X	X	X	X	X	X	X	X	X
15	3/8" P.T " HAS 1/2"OD RELIEF INLET	"	3V-195C																											X	X							X	X	X	X	X	X	X	X	X
16	3/8" USED ON B-2A, B-9, B-11 P.T " VACUUM PUMPS	ECLIPSE	C-73140-691-1																											X	X							X	X	X	X	X	X	X	X	X
17	3/8" P.T " "	"	C-88207-553-1																											X	X							X	X	X	X	X	X	X	X	X
18	3/4" P.T 15 CFM	"	C-56371-556-1																																												
19	1" USED ON B-8 VACUUM P.T 50 CFM PUMPS	"	D-73126-613-2		X	X	X	X	X	X	X	X	X	X	X	X	X																														
20	1" P.T " "	PESCO	3V-2168	B-8	X	X	X	X	X	X	X	X	X	X	X	X	X																														
21	1" USED ON B-8A VACUUM P.T " PUMPS	ECLIPSE	C-107989-613-3		X	X	X	X	X	X	X	X	X	X	X	X	X																														
22	1" P.T " "	PESCO	3V-216-F		X	X	X	X	X	X	X	X	X	X	X	X	X																														
23	USED ON B-3, B-7, B-12 VACUUM PUMPS 5/8" HOSE CONNECTION 20 CFM	"	3V-215-B															X	X	X	X	X	X	X	X	X	X	X	X			X	X	X	X	X	X										
24	USED ON B-3, B-7, B-12 VACUUM PUMPS 5/8" HOSE CONNECTION 20 CFM	ECLIPSE	C-89448-684-3															X	X	X	X	X	X	X	X	X	X	X	X			X	X	X	X	X	X										
25	USED ON B-12A VACUUM PUMPS 5/8" HOSE CONNECTION 20 CFM	"	C-109636-684-7															X	X	X	X	X	X	X	X	X	X	X	X			X	X	X	X	X	X										
26	USED ON B-12A VACUUM PUMPS 5/8" HOSE CONNECTION 20 CFM	PESCO	3V-215-F															X	X	X	X	X	X	X	X	X	X	X	X			X	X	X	X	X	X										
27	USED ON B-11A VACUUM PUMPS 3/8" HOSE CONNECTION 20 CFM	ECLIPSE	C-109663-691-4																											X	X											X	X	X	X	X	X	X	X	X
28	USED ON B-11A VACUUM PUMPS 3/8" HOSE CONNECTION	PESCO	3V-195-E																											X	X											X	X	X	X	X	X	X	X	X
29		"	SB-211-J	B-8 B-8A	X	X	X	X	X	X	X	X	X	X	X	X	X																															
30		ECLIPSE	D-85038-610-2	B-8 B-8A	X	X	X	X	X	X	X	X	X	X	X	X	X																															
31	CLASS 03-1																																															
32	VALVE - PRESSURE RELIEF (VACUUM PUMP)																																														
33	USED WITH B-3, B-7, B-12, B-12A (20 VAC PMP 5/8" HOSE CONNECTION (CFM	PESCO	3V-217-G															X	X	X	X	X	X	X	X	X	X	X	X			X	X	X	X	X	X										
34	USED WITH B-3, B-7, B-12, B-12A VAC. PUMP 5/8" HOSE CONNECTION	ECLIPSE	C-88321-685-3															X	X	X	X	X	X	X	X	X	X	X	X			X	X	X	X	X	X										
35	USED WITH B-8, B-8A VACUUM PUMP 1" HOSE CONNECTION	"	D-73128-612-2		X	X	X	X	X	X	X	X	X	X	X	X	X																														
36	USED WITH B-8, B-8A VACUUM PUMP 1" HOSE CONNECTION	PESCO	3V-217-H		X	X	X	X	X	X	X	X	X	X	X	X	X																														
37		ECLIPSE	556-1																																													
38	CLASS 03-1																																														
39	FILTER-VACUUM PUMP SYSTEM																																														
40	USED WITH B-12A VACUUM PUMP 5/8" HOSE CONNECTION	ECLIPSE	C-109231-1075-1															X	X			X	X	X	X	X	X					X	X	X	X	X	X										
41	USED WITH B-12A VACUUM PUMP 5/8" HOSE CONNECTION	PESCO	568-A															X	X			X	X	X	X	X	X					X	X	X	X	X	X										
42	USED WITH B-11A VACUUM PUMP 1" HOSE CONNECTION	ECLIPSE	C-109222-1074-1																											X	X											X	X	X	X			X	X	X
43	USED WITH B-11A VACUUM PUMP 1" HOSE CONNECTION	PESCO	568																											X	X											X	X	X	X			X	X	X
44	USED WITH B-8A VACUUM PUMP 1" HOSE CONNECTION	ECLIPSE	C-107993-1076-1		X	X	X	X	X	X	X	X	X	X	X	X	X																														
45	USED WITH B-8A VACUUM PUMP 1" HOSE CONNECTION	PESCO	568-B		X	X	X	X	X	X	X	X	X	X	X	X	X																														
46	USED WITH B-8A VACUUM PUMP 1" HOSE CONNECTION	AAF	AN-5822-1		X	X	X	X	X	X	X	X	X	X	X	X	X																														
47		PUROLATOR	PA-11-4																																													
48		"	PA-11-3																																													
49		AN-F-9																																														
50																																															

REMARKS: LINE (*) (3) WHEN SUBSTITUTING TYPE B-3 USE SPLINE TO TONGUE ADAPTER AN 4050-1.

(*) (4, 5) TO REPLACE B-8 WITH B-8A REMOVE AIR FILTER.

(*) (6, 7) WHEN SUBSTITUTING TYPES B-2A, B-8, B-11, B-11A MTG. PAD MUST BE CHANGED FROM TYPE 1 TO TYPE 2 USING FLANGE ON B-2A. TONGUE ADAPTER SPLINE AND BUSHING REQUIRED.

(*) (8, 9, 10) WHEN SUBSTITUTING TYPES B-2A ADD SPLINE TO TONGUE ADAPTER AN 4050-1


FIGHTERS
CARGO
TRAINERS
P-39L BE
P-39M BE
P-39N BE
P-39Q BE
P-39J BE
P-40E CU
P-40F CU
P-40K CU
P-40L CU
P-40M CU
P-40N CU
RP-47B RE
P-47C RE
P-47D RE
P-47G CU
P-51 NA
P-51A NA
P-51B NA
P-51C NA
P-51D NA
P-61A NO
P-63A BE
UC-46 BH
C-46A CU
C-47 DO
C-47A DO
C-53 DO
C-53D DO
C-54A DO
C-87D LO
C-60A LO
UC-61A FA
UC-64A ND
UC-78 CE
UC-78B CE
UC-78C CE
C-87 CO
AT-6A NA
AT-6B NA
AT-6C NA
AT-6D NA
AT-7 BH
AT-9 CU
AT-9A CU
AT-10 BH
AT-11 BH
AT-16 ND
AT-17 CE
AT-17A CE
AT-17B CE
AT-17C CE
AT-17D CE
AT-18 LO
AT-21-FA
BT-12 FL
BT-13A VU
BT-14 NA
BT-15 VU
PT-13B BO
PT-13D BO
PT-17 BO
PT-17A BO
PT-19A FA
PT-19B FA
PT-22 RY
PT-23 HO
PT-23 SL
PT-23 FL
PT-23 AE
PT-27 BO

REMARKS:

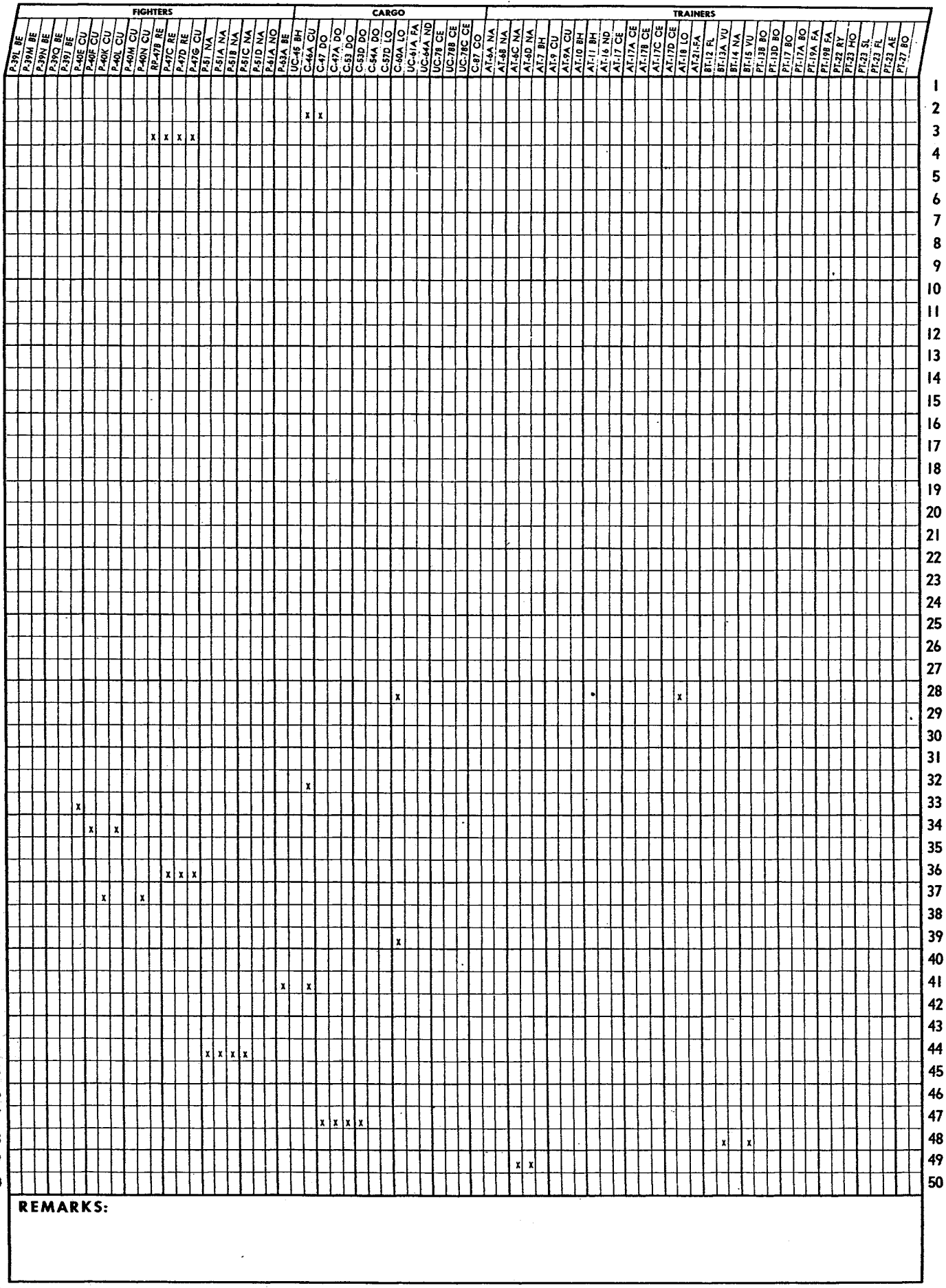
VERTICAL INTERCHANGEABILITY BETWEEN RED LINES. DO NOT CROSS A RED LINE WHEN DETERMINING VERTICAL INTERCHANGEABILITY.

	CLASS 03-1 DESCRIPTION	VENDOR	PART NO.	TYPE	B-17E BO	B-17F BO	B-17F DO	B-17F VE	B-17G DO	B-24D CO	B-24E CO	B-24E DO	B-24E RO	B-24G NA	B-24H RO	B-24H CO	B-24H DO	B-25C NA	B-25D NA	B-25G NA	B-25H NA	B-26B MA	B-26B1 MA	B-26C MA	RB-34 VE	A-20B DO	A-20C BO	A-20C DO	A-20G DO	A-24A DO	A-24B DO	A-25A CU	A-28A LO	A-29 LO	A-29A LO	A-30A MA	A-35A VU	A-35B VU	A-36A NA	P-38E LO	P-38F LO	P-38G LO	P-38H LO	P-38J LO	P-38K LO	P-39D BE	P-39E BE	P-39K BE
1	RHEOSTATS - VARIABLE PRESSURE BOOSTER PUMP CONTROL																																														
2	1.1 OHM 6.75 AMPS/5 OH	THOMPSON	(*) TFD-6560		X	X	X	X	X													X				X	X									X											
3	1.1 OHM 6.75 AMPS/5 OH	"	(*) TFD-6860																												X																	
4	CLASS 03-1																																														
5	SEPARATOR - OIL																																														
6	USED WITH B-2A, B-9, B-11, B-11A VAC. PUMP 1/2" HOSE CONNECTION	ECLIPSE	C-68758-560-1																										X	X							X	X	X	X			X	X	X	
7	" " " "	"	D-73138-690-1																										X	X							X	X	X				X	X	X	
8	" " " " 12 C.F.M	PESCO	3S-218-R																										X	X							X	X	X				X	X	X	
9	USED WITH B-8, B-8A VACUUM PUMP 1" HOSE CONNECTION 50 C.F.M	"	3S-648		X	X	X	X	X	X	X	X	X	X	X	X	X																														
10	" " " "	"	(*) 3S-690		X	A X	X	X	X	X	X	X	X	X	X	X	X																														
11	" " " "	"	2S-218		X	• X	X	X	X	X	X	X	X	X	X	X	X																														
12	USED WITH B-3, B-7, B-12, B-12A VACUUM PUMP	"	3S-218S															X	X		X	X	X	X	X	X	X				X	X	X	X	X	X										
13	" " "	AERO-EQUIP.	(*) 3S-647															X	X		X	X	X	X	X	X	X				X	X	X	X	X	X										
14	" " "	PESCO	D-89613-561-6															X	X		X	X	X	X	X	X	X				X	X	X	X	X	X										
15	USED WITH B-8, B-8A VACUUM PUMP 1" HOSE CONNECTION 50 C.F.M	ECLIPSE	C-103227-606-4		X	X	X	X	X	X	X	X	X	X	X	X	X																														
16		PARKER	3-342-28			X																																									
17		ECLIPSE	32W8890							X																																						
18		ROMEC	RB-5035																																		X	X										
19	CLASS 03-1																																														
20	REGULATOR ASSY - OIL TEMPERATURE (OIL COOLER ASSEMBLY)																																														
21	NOTE: ALL THERMOSTATIC VALVES HAVING SAME MOUNTING FLANGE ARE																																														
22	INTERCHANGEABLE IRRESPECTIVE OF TYPE, EXCEPTING THOSE VALVES																																														
23	CONTROLLING OIL COOLER SHUTTERS MANUFACTURED BY AIRSEARCH AND U.A.P.																																														
24	NOTE: DV, DV-5, D-8, DV-8 BODIES AND ELEMENTS ARE ALL INTERCHANGEABLE.																																														
25																																															
26	COOLER NO. AND SIZE / VALVE NO. AND MODEL																																														
27	8503010 13" X 9" X .268 / 8504090 CR-161C	HARRISON	8503110																																		X											
28	8503251 12" X 9" X .268 / 8504081 CR-161D	"	8503274																													X	X	X													
29	8503427 14" X 9" X .298 / 8504092 AR-161E	"	8503429																			X	X	X																								
30	8503445 / 8504100	"	8503472																																				X										
31	8503847 14" X 9" X .248 / 8504093 AR-161F	"	8503800																						X																							
32	8503331 15" X 9" X .268 / 8503956 ACV-53	"	8503955																																													
33	8503971 12" X 12" X .210 / 8503970	"	8503962																																												
34	8504015 7" X 12" X .210 / 8503970 D-8	"	8504014																																												
35	8504446 9" X 12" X .210 / 8504109 D-8	"	8504108																																											X	X
36	8504319 10" X 9" X .268 / 8503970 D-8	"	8504190																																												
37	8504378 12" X 12" X .230 / 8504377 AR-701A	"	8504376																																												
38	8504543 12" X 9" X .268 / 8504081 CR-161D	"	(*) 8504542																													X	X	X													
39	8504692 13" X 9" X .268 / 8504691 AR-901A	"	(*) 8504662																																	X											
40	8504770 15" X 9" X .268 / 8504769 AR-901B	"	(*) 8504768																																												
41	8504299 4" X 9" X .210 / 8504798 AR-100-1A	"	8504797																																												
42	8505070 13" X 9" X .230 / 8505071 AR-901E	"	8505072																												X																
43	8504647 10" X 9" X .268 / 8504646 NRD-801B	"	8504645																										X	X																	
44	8503445	"	8503606																																													
45	8504992 14" X 9" X .248 / 8504986 901C	"	(*) 8504891																			X	X	X																								
46		"	8506306																																				X										
47	IE-955 11" X 9" X .268 / IB-73-20	AIRSEARCH	2D-954																																													
48	2D-3326 7" X 9" X .268 / 1A-53	"	2D-3281																																													
49	2D-3336 8" X 9" / 1A-53	"	2D-3938																																												
50	REGULATOR ASSY CONT.																																														

HEAVY BOMBERS | MEDIUM BOMBERS | LIGHT BOMBERS | FIGHTERS

REMARKS: LINE NUMBERS IN RED

(*) (2) KNOB ADJUSTMENT INCORPORATES TWO SWITCHES USED WITH B-7A BOOSTER PUMPS.
(*) (3) " " " ONE SWITCH " " " " "
(A) (10) USED ON SERIAL NO'S 42-5705 THRU 42-5854.
(*) (11) " " " " 42-5855 AND ON.
(*) (13) LATER MODEL THAN #3S-218S.
(*) (10) LATER MODEL THAN #3S-648
(*) (38) " " " #8503274
(*) (39) " " " #8503110
(*) (40) " " " #8503955
(*) (43) USED ON SERIAL NO'S 42-54285 AND SUBSEQUENT.
(*) (45) LATER MODEL THAN #8503429


FIGHTERS
CARGO
TRAINERS
P-39L BE
P-39M BE
P-39N BE
P-39Q BE
P-39J BE
P-40E CU
P-40F CU
P-40K CU
P-40L CU
P-40M CU
P-40N CU
RP-47B RE
P-47C RE
P-47D RE
P-47G CU
P-51 NA
P-51A NA
P-51B NA
P-51C NA
P-51D NA
P-51A NO
P-63A BE
UC-45 BH
C-46A CU
C-47 DO
C-47A DO
C-53 DO
C-53D DO
C-54A DO
C-57D LO
C-60A LO
UC-61A FA
UC-64A ND
UC-78 CE
UC-78B CE
UC-78C CE
C-87 CO
AT-6A NA
AT-6B NA
AT-6C NA
AT-6D NA
AT-7 BH
AT-9 CU
AT-9A CU
AT-10 BH
AT-11 BH
AT-14 ND
AT-17 CE
AT-17A CE
AT-17B CE
AT-17C CE
AT-17D CE
AT-18 LO
AT-21 FA
BT-12 FL
BT-13A VU
BT-14 NA
BT-15 VU
PT-13B BO
PT-13D BO
PT-17 BO
PT-17A BO
PT-19A FA
PT-19B FA
PT-22 RY
PT-23 HO
PT-23 SL
PT-23 FL
PT-23 AE
PT-27 BO

REMARKS:

VERTICAL INTERCHANGEABILITY BETWEEN RED LINES. DO NOT CROSS A RED LINE WHEN DETERMINING VERTICAL INTERCHANGEABILITY.

	DESCRIPTION	VENDOR	PART NO.	TYPE	HEAVY BOMBERS: B-17E BO	B-17F BO	B-17F DO	B-17F VE	B-17G DO	B-24D CO	B-24E CO	B-24E DO	B-24E FO	B-24G NA	B-24H RO	B-24H CO	B-24H DO	MEDIUM BOMBERS: B-25C NA	B-25D NA	B-25G NA	B-25H NA	B-26B MA	B-26B1 MA	B-26C MA	RB-34 VE	LIGHT BOMBERS: A-20B DO	A-20C BO	A-20C DO	A-20G DO	A-24A DO	A-24B DO	A-25A CU	A-28A LO	A-29 LO	A-29A LO	A-30A MA	A-35A VU	A-35B VU	A-36A NA	FIGHTERS: P-38E LO	P-38G LO	P-38H LO	P-38J LO	P-38K LO	P-39D BE	P-39F BE	P-39K BE
1	REGULATOR ASSY - CONTINUED																																													
2	COOLER NO. AND SIZE / VALVE NO. AND MODEL																																													
3	1E-171A 13" X 9" X .268	1C-179	AIRESEARCH	1E-223																						X	X	X																			
4	1E-171A 13" X 9" X .268	2D-3058-4	"	2E-3033																					X																						
5	1E-1861 11" X 9" X .268	2D-3058-4	"	2E-3078	X	X	X	X	X																																						
6	2R-6682 14" X 9" X .268 2E-5872		"	3R-6200 2E-5637																																											
7	2R-6712 14" X 9" X .268	2D-3058-4	"	2E-5861																																			X								
8	2J-6435 12" X 9" X .268	2D-3058-4	"	2E-5865						X	X*	X	X		X	X	X																														
9	2R-6711 14" X 9" X .268	2E-5872-E	"	2E-6003																																		X								
10	2E-5388 10" X 9" X .268	6C-10108-F	"	6E-10150																																					X						
11	2J-6203 10" X 9" X .268	1A-53	"	2G-6204														X	X	X	X																										
12	2J-6628 10" X 12" X .210	6C-10108	"	2J-6789																																							X	X	X			
13	X 9" X .268		"	2J-16021																																											
14	2J-6614 11" X 9" X .268	1B-73-20	"	(*) 2G-6615																																											
15	2E-5667 14" X 12" X .268	2E-5872	"	2R-6682																																											
16	2E-5229 13" X 9" X .268	2E-5752	"	2D-5979																																											
17	U-3140C-NB-A 9" X 9" X .268	U-3253	U. A. P	U-3140-CNB-520																																										
18	U-3150Y 5" X 9" X .268	DS, -DV8 D8	"	U-3150-DV-8																																										
19	U-3160 6" X 9" .268	D5, -D8, -DV8	"	U-3160 DV5																																										
20	U-3170M 7" X 9" X .268	"	"	U-3170M-DV5																																										
21	U-3180 8" X 9" X .268	"	"	U-3180-DV5																																										
22	U-3190 9" X 9" X .268	NL	"	U-3190-NL																																										
23	U-3210 10" X 9" X .268	C-21507	"	U-3210-D8																										X											X						
24	U-3215 15" X 9" X .268	D-8A, D-8, DY-8	"	U-3215-D8A																																										
25	9"			U-6004																																										
26	U-6010 10" X 9" X .268		"	U-6010-D8						X								X*	X*	X*	X*									X																
27			"	U-6012-DY-8							A X						X*																														
28	U-6012 12" X 9" X .268	JV6A-9	"	U-6012F-JV6A-9						X	X	X	X	B X		X																														
29	U-6013 13" X 9" X .268		"	U-6013-DV8																																		X								
30	U-6509B 9" X 12" X	D-5	"	U-6509B-D8																																									X	X	X
31	U-8410CA	DV8UB	"	U-8410CA-DV8UB																																										
32	U-8407-20 20" X 9" X	SH0UB	"	U-8407-20 SH0UB																																										
33		DV8UB	"	U-8012-DV8UB											X	X																														
34		DV6-9SH	"	U-6012-DV6-9SH									X**																																	
35	U-6512C 12" X 9" X .210	D-8	"	U-6512-D8																																										
36	U-6507 7" X 9" X .268	D-8		U-6507-D8																																										
37	36740		YOUNG	36740						X								X	X	X	X									X																
38	38732		"	38732																																										
39	37008		"	37008																																										
40	38734		"	38734																																									X	X	X
41	37135		"	37135						X	X	X	X	X		X									X																						
42	38738		"	38738																																										
43	37731		"	37731																																										
44	39283		"	39283																																										
45			DETROIT TRANS.	8746526																																										
46			"	8746576																																										
47			"	8746925																																										
48	9" X 9" X .250	S-80	G&O	E-703-2																																										
49			FORD	32P-8839-0												X																														
50	REGULATOR ASSY CONT.																																													

REMARKS: LINE NUMBERS IN RED

(*) (14) LATER MODEL THAN #2D-954.
(*) (8) USED ON SERIAL NO'S 41-28417 AND SUBSEQUENT.
(*) (27) USED ON SERIAL NO'S 41-28557 AND SUBSEQUENT.
(A) (27) USED ON SERIAL NO'S 41-28409 TO 41-28416 INCL.
(B) (28) U-6012JV6A-9 USED ON SHIP NO. 9 THRU 30, 6012DV8 USED ON SHIPS 31 AND ON.

(*) (26) USE VALVE D5 OR DV5
(*) (34) USED ON SERIAL NO'S 41-28447 TO 41-28556.

FIGHTERS

	P-39L BE	P-39M BE	P-39N BE	P-39Q BE	P-39J BE	P-40E CU	P-40F CU	P-40K CU	P-40L CU	P-40M CU	P-40N CU	RP-47B RE	P-47C RE	P-47D RE	P-47G CU	P-51 NA	P-51A NA	P-51B NA	P-51C NA	P-51D NA	P-61A NO	P-63A BE
1																						
2																						
3																						
4																						
5																						
6																	X					
7																						
8																						
9																						
10																						
11																						
12																						
13																						
14																						
15																	X					
16																						
17																						
18																						
19																						
20																						
21																						
22																						
23																						
24												X		X								
25																						
26																						
27																						
28																						
29																						
30	X	X	X	X																		
31														X*								
32																		X	X	X		
33																						
34																						
35						X																
36							X															
37																						
38							X															
39																						
40	X	X	X	X																		
41																						
42						X																
43												X	X	X								
44												X	X	X								
45							X	X														
46						X		X														
47						X	X															
48																						
49																						
50																						

CARGO

	UC-45 BH	C-46A CU	C-47 DO	C-47A DO	C-53 DO	C-53D DO	C-54A DO	C-57D LO	C-60A LO	UC-61A FA	UC-64A ND	UC-78 CE	UC-78B CE	UC-78C CE	C-87 CO
1															
2															
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14			X*	X											
15															
16							X								X
17												X	X	X	
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48	X														
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TRAINERS

	AT-6A NA	AT-6B NA	AT-6C NA	AT-6D NA	AT-7 BH	AT-9 CU	AT-9A CU	AT-10 BH	AT-11 BH	AT-16 ND	AT-17 CE	AT-17A CE	AT-17B CE	AT-17C CE	AT-17D CE	AT-18 LO	AT-21-FA	BT-12 FL	BT-13A VU	BT-14 NA	BT-15 VU	PT-13B BO	PT-13D BO	PT-17 BO	PT-17A BO	PT-19A FA	PT-19B FA	PT-22 RY	PT-23 HO	PT-23 SL	PT-23 FL	PT-23 AE	PT-27 BO
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18																								X									
19																										X	X		X	X		X	
20																			X		X												
21	X		X							X																							
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48					X			X	X																								
49																																	
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REMARKS: * (14) USED ON SERIAL 1 TO 1031

VERTICAL INTERCHANGEABILITY BETWEEN RED LINES. DO NOT CROSS A RED LINE WHEN DETERMINING VERTICAL INTERCHANGEABILITY.

	CLASS 03-1 DESCRIPTION	VENDOR	PART NO.	TYPE	B-17E BO	B-17F BO	B-17F DO	B-17F VE	B-17G DO	B-24D CO	B-24E CO	B-24E DO	B-24E FO	B-24G NA	B-24H FO	B-24H CO	B-24H DO	B-25C NA	B-25D NA	B-25G NA	B-25H NA	B-26B MA	B-26B1 MA	B-26C MA	RB-34 VE	A-20B DO	A-20C 3O	A-20C DO	A-20G DO	A-24A DO	A-24B DO	A-25A CU	A-28A LO	A-29 LO	A-29A LO	A-30A MA	A-35A VU	A-35B VU	A-36A NA	P-38E LO	P-38F LO	P-38G LO	P-38H LO	P-38J LO	P-38K LO	P-39D BE	P-39F BE	P-39K BE	
1	REGULATOR ASSY CONTINUED																																																1
2	COOLER NO. AND SIZE / VALVE NO. AND MODEL																																																	2
3		FORD	32P-8839-1										X																																					3
4		"	32P-8838										X																																					4
5	X9" X 210 840720 3785-NASU3575		3117350																																														5
6	CLASS 03-1																																																6
7	VALVE "Y" - OIL DRAIN																																																7
8	1-1/2" OIL LINE SIZE	U.A.P	41D10687-6 U-1050-3										X					X	X																															8
9		"	U-1050																								X	X																						9
10	1" OIL LINE SIZE	"	41D10687-4 U-1050-1																																															10
11			3906114-5			X																																												11
12	CLASS 03-1																																																12
13	SOLENOID-OIL DILUTION VALVE																																																13
14	1/8" P.T.	KOEHLER	3706210		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X				X	X	X	X	X	X	X	X	X	X	X	X	X	14
15	" "	U.A.P	1070-A		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X				X	X	X	X	X	X	X	X	X	X	X	X	X	15
16	" "	"	1070		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X				X	X	X	X	X	X	X	X	X	X	X	X	X	16
17	" "	"	U-1070-M		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X				X	X	X	X	X	X	X	X	X	X	X	X	X	17
18	" "	"	U-1070-M		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X				X	X	X	X	X	X	X	X	X	X	X	X	X	18
19	" "	"	U-1070-E		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X				X	X	X	X	X	X	X	X	X	X	X	X	X	19
20		AIR ASSOC.	M-441-M-2		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X				X	X	X	X	X	X	X	X	X	X	X	X	X	20
21		"	M-441		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X				X	X	X	X	X	X	X	X	X	X	X	X	X	21
22		PARKER	AL-9761		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X				X	X	X	X	X	X	X	X	X	X	X	X	X	22
23		GRAYSON		2106																																													23
24	CLASS 03-C																																																24
25	GENERATORS																																																25
26	6 FLANGE BOLTS R.P.M. 2500/4500 24V-100 AMPS	LEECE NEVILLE	S-24501	(*) O-1	X	X															X			X	X	** X	X	X	X	X				X	X	X	X	X	X	X	X							26
27	" "	"	S-22500	(*) O-1	X	X															X			X	X	** X	X	X	X	X				X	X	X	X	X	X	X	X							27
28	" "	DELCO-REMY	5362404	(*) O-1	X	X															X			X	X	** X	X	X	X	X				X	X	X	X	X	X	X	X							28
29	" "	WESTING-HOUSE	(*) 91A987 GR-1 TO 5	P-1		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X			X		X			X			X												29
30	" "	DELCO-REMY	1106702	P-1		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X			X		X			X			X												30
31	6 FLANGE BOLTS R.P.M. 2200/4500 "	GEN. ELEC.	(*) 2CM8083-F	P-1		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X			X		X			X			X												31
32	" "	FORD	2CM8083-F	P-1		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X			X		X			X			X												32
33	6 FLANGE BOLTS R.P.M. 2500/4500 "	GEN. ELEC.	(*) 2CM70B1	P-1		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X			X		X			X			X												33
34	" 24V-180 AMP	"	(*) 2CM46A1	P-1		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X			X		X			X			X												34
35	6 FLANGE BOLTS R.P.M. 2600/4500 24V-50 AMPS	LEECE NEVILLE	S-11970	H-1																					X								X	X	X										X	X	X	35
36	R.P.M. 2600-4500 "	ECLIPSE	70300-314-7-A	H-1																					X								X	X	X										X	X	X	36
37	" "	LEECE NEVILLE	S-24255	H-2																					X								X	X	X										X	X	X	37
38	" "	ECLIPSE	91062-718-1	H-2																					X								X	X	X										X	X	X	38
39	6 FLANGE BOLTS R.P.M. 2600/4000 24V-50 AMPS	ECLIPSE	(*) 73733-314-5-A	314																					** X								X	X	X										X	X	X	39
40	" "	"	(*) 635063 314-5-A	314																					** X								X	X	X										X	X	X	40
41	4 FLANGE BOLTS R.P.M. 2500/4500 24V-25 AMPS	LEECE NEVILLE	S-13215	L-1																																													41
42	" "	"	S-24525	L-2																																														42
43	" "	"	(*) S-24604	L-3																																														43
44	" "	"																																																44
45	4 FLANGE BOLTS R.P.M. 2500/4500 28-30V-15 AMPS	ECLIPSE	112180-1235-1	LH 1235																																													45
46	6 FLANGE BOLTS R.P.M. 5000/1000 24V-100 AMPS	ECLIPSE	(*) 112314 901-5	O-4																																													46
47	" 28 1/2V-100 AMPS	"	(*) 101732-901-1	O-2																																														47
48	4 FLANGE BOLTS R.P.M. 2250/3750 12V-50 AMPS	"	(*) 88689-310-29A	E-5																																													48
49	" "	"	(*) 73035-2	E-5																																														49
50	GENERATORS CONT.																																																50

REMARKS: LINE NUMBERS IN RED.

(*) (26, 27, 28) P-1 GEN. MAY BE SUBSTITUTED FOR O-1 GEN. FOR P-1 USE "GEN. CONNECTOR PLUG AN3106-32-1S" O-1 GEN. WILL BE REINSTALLED WHEN AVAILABLE.

(**) (26, 27, 28) USE ONLY ON A-20C SERIES HAVING 24 VOLT SYSTEM.

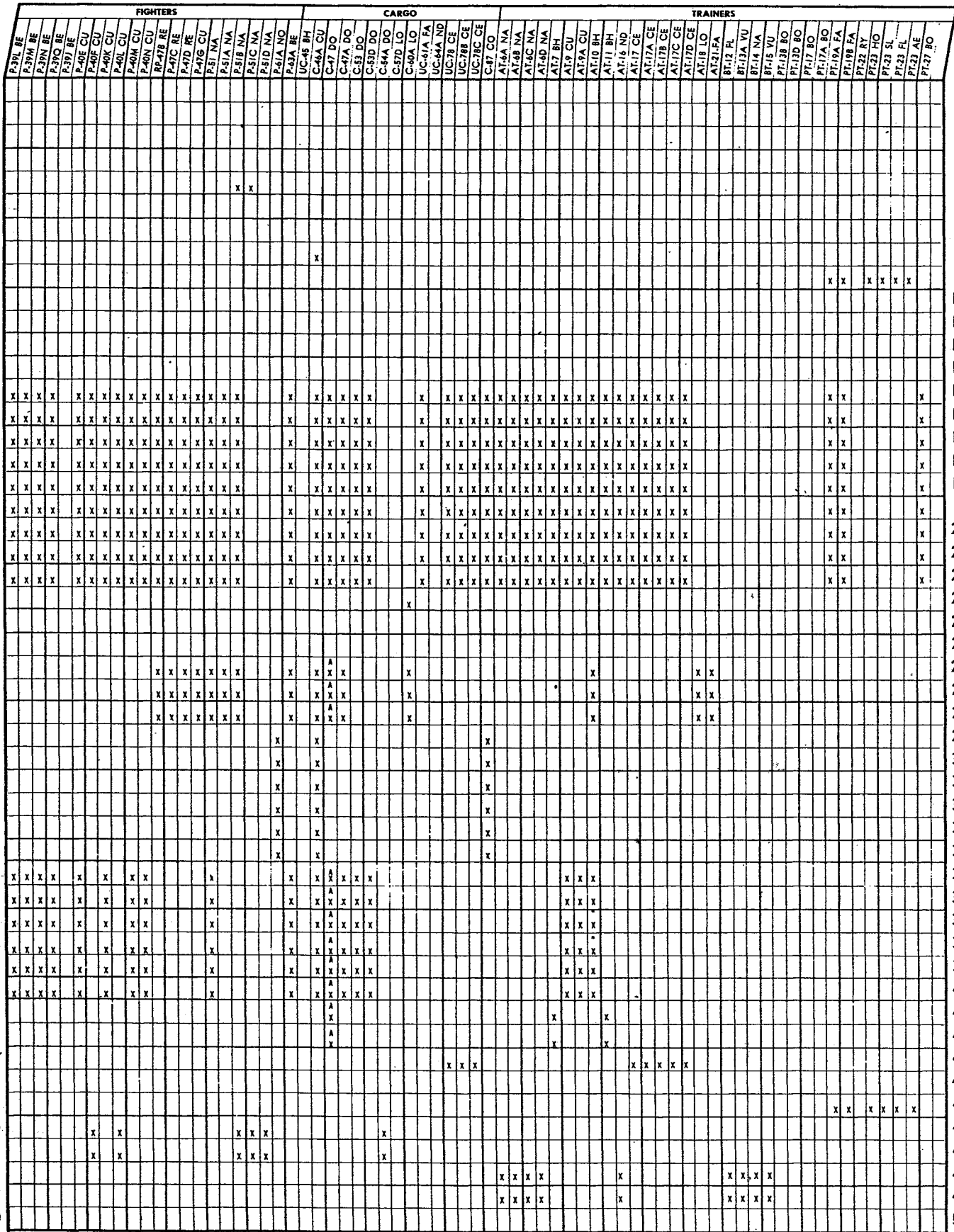
(*) (29) GEN. PART NO. 91A987GR-2 IS USED WITH FAN OR AIR SCOOP; PART NO. 91A98-7GR-3 FOR USE WITH AIR SCOOP ONLY.

(*) (31) REQUIRES 6" WATER PRESSURE FOR COOLING.

(*) (33) REQUIRES 10" WATER PRESSURE FOR COOLING.

(*) (34) USE WITH G.E. REGULATOR PART NO. 3680284 ONLY.

(*) (37, 38) USED ON AT-10 SERIES NO. 41-1786 TO 41-1860 ONLY.



REMARKS: LINE NUMBERS IN RED.

(*) (39, 40) USE ONLY WITH GENERATOR CONTROL PANEL ASSY ECLIPSE NO. 84155-340-1 OR 75706-340-1.

(**) (39, 40) USED ON B-34 SERIES AE 658 TO AE 957 AND AJ 163 TO AJ 537.

(*) (43) R.H. ROTATION.

(*) (46, 47) GEN'S IDENTICAL EXCEPT FOR BLAST COVER.

(*) (48, 49) E-5A LATER MODEL THAN E-5.

(A) (26, 27, 28, 35, 36, 37, 38, 39, 40, 41, 42) USED ON C-47 SERIES HAVING 24 VOLTS SYSTEM.

VERTICAL INTERCHANGEABILITY BETWEEN RED LINES. DO NOT CROSS A RED LINE WHEN DETERMINING VERTICAL INTERCHANGEABILITY.

NOTE: SPEED RANGE IS CRITICAL ON SOME AIRPLANES, THEREFORE THE GEAR RATIO SHOULD BE CONSIDERED WHEN SUB'S ARE PROPOSED. SUBSTITUTIONS ARE DETERMINED BY (1) MTG. FACILITIES (FLANGE BOLTS) (2) VOLTAGE, (3) CAPACITY, (4) APPLICABLE CONTROL EQUIP. ETC., TOGETHER WITH APPLICABLE SPEC'S AND T.O'S.

	DESCRIPTION	VENDOR	PART NO.	TYPE	HEAVY BOMBERS: B-17E BO	B-17F BO	B-17F DO	B-17F VE	B-17G DO	B-24D CO	B-24E CO	B-24E DO	B-24E FO	B-24G NA	B-24H FO	B-24H CO	B-24H DO	MEDIUM BOMBERS: B-25C NA	B-25D NA	B-25G NA	B-26H NA	B-26B MA	B-26B1 MA	B-26C MA	B-34 VE	LIGHT BOMBERS: A-20B DO	A-20C BO	A-20C DO	A-20G DO	A-24A DO	A-24B DO	A-28A CU	A-28A LO	A-29 LO	A-29A LO	A-30A MA	A-35A VU	A-35B VU	A-36A NA	FIGHTERS: P-38E LO	P-38F LO	P-38G LO	P-38H LO	P-38J LO	P-38K LO	P-39D BE	P-39F BE	P-39K BE	
1	GENERATORS CONTINUED																																																1
2	¼ FLANGE BOLTS R.P.M. 2250/3750 12V-50 AMPS	ECLIPSE	(*) 5W894-2	E-5																																													2
3	" "	"	(*) 46567-2	E-5																																													3
4	¼ FLANGE BOLTS R.P.M. 2500/4500	LEECE NEVILLE	S-24502	E-5A																																												4
5	" "	ECLIPSE	85541-790-1	E-5A																																												5
6	" "	"	105128-790-1	E-5A																																												6
7	12 STUD ROUND R.P.M. 2500/4200	"	61812-2	E-7																										X																		7
8	" "	"	52472-2	E-7																										X																		8
9	" "	"	64464	E-7																										X																		9
10	" "	"	73005-2	E-7																										X																		10
11	" "	"	80441-310-9	E-7																										X																		11
12	" "	"	81718-310-31	E-7																										X																		12
13	" "	"	88692-310-31	E-7																										X																		13
14	12 STUD ROUND R.P.M. 2500/4500	"	(*) 105128-790-3	E-7A																																												14
15	" "	LEECE NEVILLE	(*) S-24500	E-7A																																											15
16	¼ FLANGE BOLTS R.P.M. 2250/4200 12V-75 AMPS	ECLIPSE	94895-309-1	LH-309																																												16
17	¼ FLANGE BOLTS 2500/4500 / 24V-50 AMPS	LEECE NEVILLE	S-24506	H-3																																												17
18		ECLIPSE		H-3																																												18
19																																															19
20	CLASS 03-C																																														20
21	PANEL ASSY-GENERATOR CONTROL BOX																																														21
22	24 V.	ECLIPSE	84155-540-1	COM																					X							X	X	X												22
23	"	ECLIPSE LEECE	1122489-120-2-1 S-24567	B-1B B-1B																																											23
24	"	ECLIPSE	70302-337-1	B-1																																											24
25	"	"	84155-340-1	COM																					X							X	X	X												25
26	15 V.	"	90893-321-1																																												26
27	14.25V-50 AMPS	LEECE	S-24559	(*) A-1A																																											27
28	12 V.	ECLIPSE	109879-329-4	(*) A-1A																																											28
29	12 V.	GEN. ELEC.	9GTR-72	(*) A-1A																																											29
30	24 V.	LEECE	S-11985	B-1A	X																																										30
31	12 V.	ECLIPSE	98873 323-1	(*) A-1																																											31
32	12 V.	LEECE	S-11606	(*) A-1																																											32
33		ECLIPSE	112498-1202-1																																												33
34	CLASS 03-C																																														34
35	REGULATOR-GENERATOR VOLTAGE																																														35
36	24V-200 AMPS	GEN. ELEC.	36B02B11		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X				X	X	X	X	X	X	X	X	X	X	X	X	X	36
37	CARBON PILE "	LEECE	24700		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X				X	X	X	X	X	X	X	X	X	X	X	X	X	37
38	"	WESTING-HOUSE	1248275		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X				X	X	X	X	X	X	X	X	X	X	X	X	X	38
39	CARBON PILE "	DELCO	1118401		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X				X	X	X	X	X	X	X	X	X	X	X	X	X	39
40		WESTING-HOUSE	(*) 1248275-A-		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X				X	X	X	X	X	X	X	X	X	X	X	X	X	40
41	CARBON PILE "	ECLIPSE	D105107-104-2		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X				X	X	X	X	X	X	X	X	X	X	X	X	X	41
42	"	GEN. ELEC.	(*) 36B0284			X	X	X	X	X	X	X	X	X	X	X	X	X	X								X			X		X																42
43	CLASS 03-C																																														43
44	RELAY-GENERATOR-CONTROL SWITCH																																														44
45	26-28V-200 AMPS	GEN. ELEC.	3GTR72A1A		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X				X	X	X	X	X	X	X	X	X	X	X	X	X	45
46	" 300 "	"	3GTR72C-1		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X				X	X	X	X	X	X	X	X	X	X	X	X	X	46
47	" " 200 "	LEECE	S-24552		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X				X	X	X	X	X	X	X	X	X	X	X	X	X	47
48	" " "	WESTING-HOUSE	1171000-A		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X				X	X	X	X	X	X	X	X	X	X	X	X	X	48
49																																															49
50																																															50

REMARKS: LINE NUMBERS IN RED.

(*) (1, 2) E-5A LATER MODEL THAN E-5.

(*) (7, 8, 9, 10, 11, 12, 13) USE ONLY ON A-24 SERIES HAVING 12 VOLT SYSTEMS.

(**) (7, 8, 9, 10, 11, 12, 13, 14, 15) USE ONLY C-47 SERIES HAVING 12 VOLT SYSTEMS; NO. 42-5635 TO 42-5704 INCL. AND 42-23300 TO 42-23448 INCL.

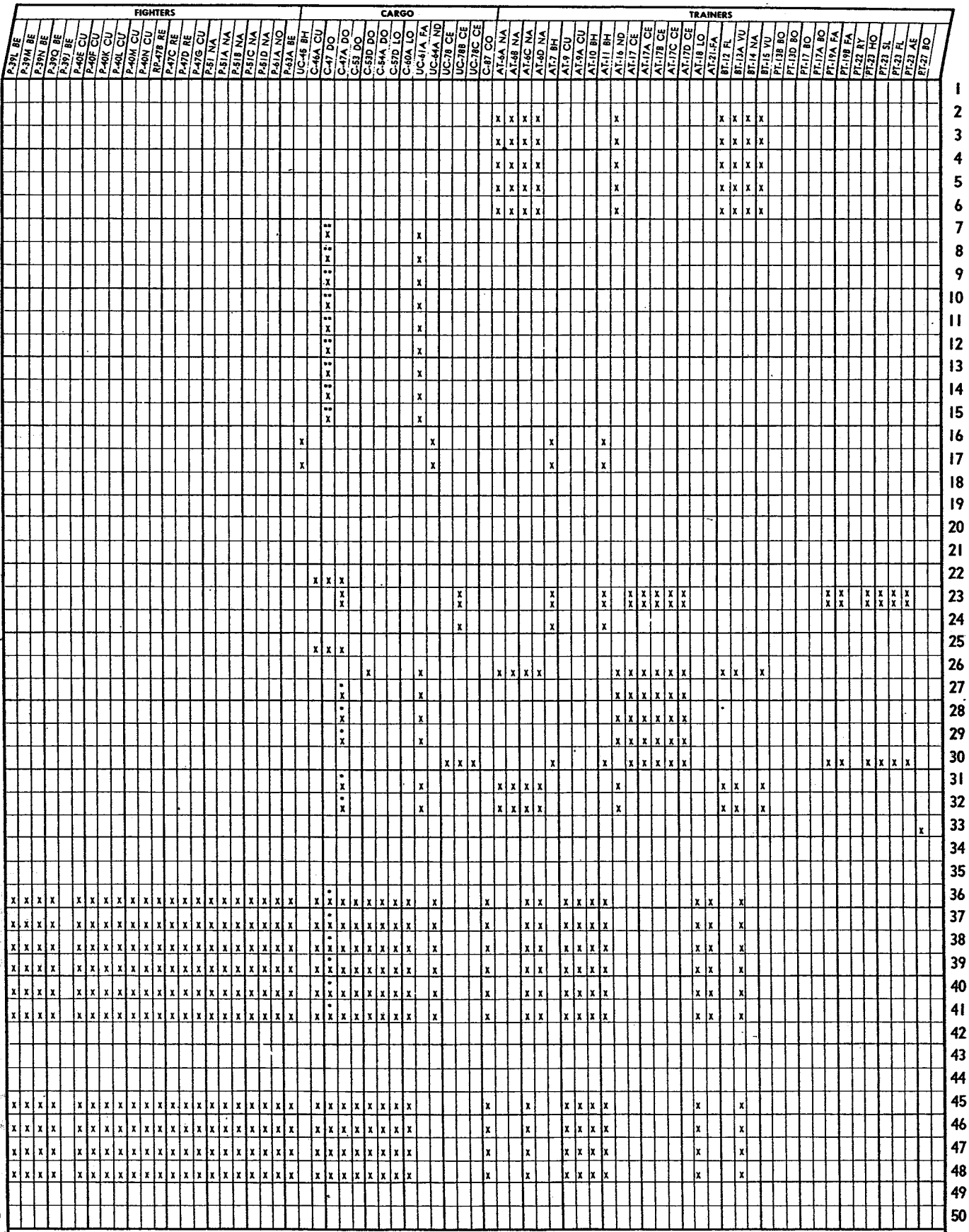
(*) (14, 15) LATER MODEL THAN C-7.

(*) (27, 28, 29, 31, 32) TYPE A-1A LATER MODEL THAN TYPE A-1 AND MAY REPLACE A-1, BUT CANNOT REPLACE A-1A.

(*) (38) NOT APPROVED FOR COMBAT AIRPLANES. TO BE USED IN AUX. POWER PLANTS AND TRAINERS ONLY.

(*) (42) THIS REGULATOR USED ONLY WITH G.E. GENERATOR #2CM45AL.

T. O. No. 00-25-29



REMARKS: LINE NUMBERS IN RED.

(*) (27, 28, 29, 31, 32) 12 VOLT SYSTEM IN C-47'S SERIAL NO'S 42-5704 INCL. AND 42-23300 TO 42-23440 INCL.

(*) (36, 37, 38, 39, 40, 41) 12 VOLT SYSTEM IN C-47'S SERIAL NO'S 42-5704 INCL. AND 42-23300 TO 42-23440 INCL.

VERTICAL INTERCHANGEABILITY BETWEEN RED LINES. DO NOT CROSS A RED LINE WHEN DETERMINING VERTICAL INTERCHANGEABILITY.

	CLASS 03-C DESCRIPTION		VENDOR	PART NO.	TYPE	HEAVY BOMBERS: B-17E BO	B-17F BO	B-17F DO	B-17F VE	B-17G DO	B-24D CO	B-24E CO	B-24E DO	B-24E FO	B-24G NA	B-24H FO	B-24H CO	B-24H DO	MEDIUM BOMBERS: B-25C NA	B-25D NA	B-25G NA	B-25H NA	B-26B MA	B-26B1 MA	B-26C MA	B-34 VE	LIGHT BOMBERS: A-20B DO	A-20C BO	A-20C DO	A-20G DO	A-24A DO	A-24B DO	A-35A CU	A-28A LO	A-29 LO	A-29A LO	A-30A MA	A-35A YU	A-35B YU	A-36A NA	FIGHTERS: P-38E LO	P-38F LO	P-38G LO	P-38H LO	P-38J LO	P-38K LO	P-39D BE	P-39F BE	P-39K BE
1	INVERTER-VIBRATOR																																															
2		24V	PIONEER	702450	FSSC-83-6																				X																								
3		"	ELECTRONIC	AA827	S799A																																											X	X
4		"	"	AA540	S663-B-7				←																																							X	X
5		"	"	AA740	S663A B-7																																							X	X					
6		"	"	AA541-B	S664A B-8																																							X	X					
7		"	"	AA714	S664A B-8																																													
8		12V	"	(*) AA565	S660A																																													
9		"	"	(*) AA720	S659A A-4																																													
10		"	"		S660																																												
11			"	S-1030-C																																													
12	CLASS 03-C																																															
13	INVERTER- ROTARY																																														
14	400 CY.	240V-750V. AMPS	HOLTZER-CABOT	25258 (A)	MG-149-F	X	X	X	X	X	X	X	X	X					X	X		X	X	X	X																							
15		24V-750 "	MASTER ELECTRIC	H-25258 (A)	MG-149-F	X	X	X	X	X	X	X	X	X					X	X		X	X	X																							
16		24V-1000 "	HOLTZER-CABOT	(*) 25254-B (A)	MG-153		X				X	X	X	X	X	X	X	X																													
17		24V-1000 "	"	25257 (A)	MG-153-F		X					X	X	X	X	X	X	X																													
18		24V-250 "	ECLIPSE	(*) 102432	773-4																					X	X	X																			
19		24V-250	ECLIPSE	(*) 102432	778-4A														X	X		X	X	X		X	X	X																			
20		24V-250	LELAND ELECTRIC	3C-2339																																						X	X	X					
21	CLASS 03-C																																														
22	BOX-AUXILIARY CONTROL																																														
23	400 CY.	110V	ELECTRONIC	AA-652	S-788	X																																									
24	"	"	"	AA-690	S-840	X																																				X						
25	"	"	"	AA-688	S-841		X				X	X											X																									
26	CLASS 03-I																																														
27	BATTERY-AIRCRAFT																																														
28	24V/34AH		EXIDE Gould	A-32159-C	G-1	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X			X			h	X	X	X	X	X	X	X	X		X
29	"	DD-28351 DWG No-DD-25100-D	EXIDE	12TAS-9A	G-1	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X			X			X	X	X	X	X	X	X	X	X		X
30	"	DWG No-8A-8011	PRESTOLITE	(*) A-240-D	G-1	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X			X			X	X	X	X	X	X	X	X	X		X
31	"	" 13A-8190	"	(*) A-240-DN	G-1	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X			X			X	X	X	X	X	X	X	X	X		X
32	"	" A-31272-B-1	GOULD	24-A-34	G-1	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X			X			X	X	X	X	X	X	X	X	X		X
33	24V/17AH	DD-26219 " DD-28353	EXIDE	12TS-7F	F-1																												X	X													X	X
34	"		Gould	A-32159-C	F-1																												X	X													X	X
35	"	DWG No-A-31272	"	24A17	F-1																												X	X													X	X
36	24V/12AH		EXIDE	12TAS13																															X	X	X											
37	"	DWG No-DD-28250-B	"	12AC-7D																																											
38	"	" DD-28525	"	12AC-7E																																												
39	12V/34AH		GOULD	A-32654	C-5A																																											
40	"	DWG No-8A-8076	PRESTOLITE	(*) A-129-DN	C-5A																																											
41	"	DD-27334 DWG No-DD-27568	EXIDE	6TAS-9A	C-5A																																											
42	12V/68AH	DD-26530 DWG No-DD-28302	"	6TAS-17	D-6A																																											
43	"		GOULD	A-32613	D-6A																																											
44	"		"	12-S-68	D-6																											X																
45	CLASS 03-C																																														
46	STARTERS - ENGINE																																														
47	C.S - DENOTES CLUTCH SETTING ENGINE JAW AND STARTER JAW MUST HAVE SAME NUMBER																																														
48	OF TEETH. L.H. STARTERS ARE NOT INTERCHANGEABLE WITH R.H. AND																																														
49	VICE-VERSA.																																														
50	STARTERS CONT. NEXT PAGE																																														

REMARKS: LINE NUMBERS IN RED.
(*) (8) LATER MODEL THAN S660.
(*) (9) EQUIPPED WITH RADIO FILTER.
(*) (18) " " " "
(*) (30, 31, 40) OPEN DRAIN TUBES BLIND COVER GROMMETS.
(A) (14, 16, 17, 19) MG-149 AND MG-149F ARE NOT INTERCHANGEABLE WITH MG-153 AND MG-153F

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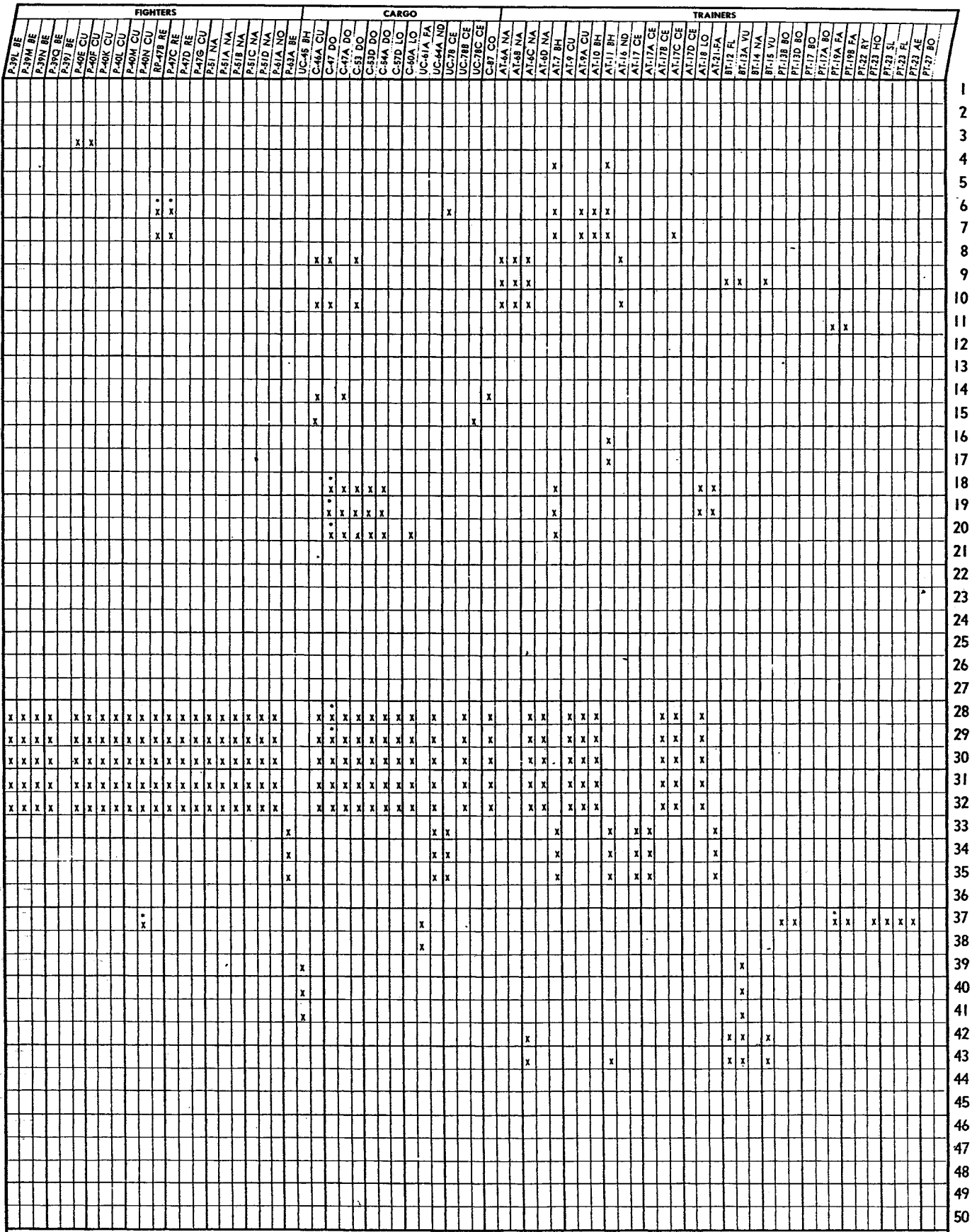

REMARKS: LINE NUMBERS IN RED.

(*) (7) USED ON P-47B & C'S. SERIAL NO. 41-5895 TO 41-6305.
(*) (15) USED ON SERIAL NO'S 42-23300 TO 42-24419 INCL.
(*) (18, 20) USED ON SERIAL NO'S 42-23300 TO 42-24419 INCL.
(*) (28, 29) USED ON C-47'S. SERIAL NO'S 42-23339 TO 42-24418 INCL.
(*) (37) USED ON PT-19A'S. SERIAL NO'S 42-33384 TO 42-33474 INCL.

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VERTICAL INTERCHANGEABILITY BETWEEN RED LINES. DO NOT CROSS A RED LINE WHEN DETERMINING VERTICAL INTERCHANGEABILITY.

	CLASS 03-C DESCRIPTION	VENDOR	PART NO.	TYPE	HEAVY BOMBERS: B-17E BO	B-17F BO	B-17F DO	B-17F VE	B-17G DO	B-24D CO	B-24E CO	B-24E DO	B-24E FO	B-24G NA	B-24H FO	B-24H CO	B-24H DO	MEDIUM BOMBERS: B-25C NA	B-25D NA	B-25G NA	B-25H NA	B-26B MA	B-26B1 MA	B-26C MA	B-26 VE	LIGHT BOMBERS: A-20B DO	A-20C BO	A-20C DO	A-20G DO	A-24A DO	A-24B DO	A-25A CU	A-28A LO	A-29 LO	A-29A LO	A-30A MA	A-35A VU	A-35B VU	A-36A NA	FIGHTERS: P-38E LO	P-38F LO	P-38G LO	P-38H LO	P-38J LO	P-38K LO	P-39D BE	P-39F BE	P-39K BE
1	STARTERS - ENGINE CONTINUED																																															
2	L.H. ROTATION 3 TOOTH JAM C.S 650±20# 6" FLANGE DIAM. 24V	ECLIPSE	F-73108-2	F-1																																				• X									
3	" " " " "	"	79472-427-13	F-1																																					• X									
4	" " " " "	"	F81555-2	F-1																																						• X									
5	" " " " "	"	97095-948-13	F-1																																						• X									
6	" " " " "	"	F-63025	F-1																																						• X									
7	R.H. ROTATION C.S 650±20# " " "	"	79472-427-14	F-2	X					X																															• X						X	X	X
8	R.H. ROTATION C.S 500±20# " " "	"	97095-948-14	F-2	X					X																															• X						X	X	X
9	R.H. ROTATION C.S 650±20# " " "	"	73108-1	F-2	X					X																															• X						X	X	X
10	R.H. ROTATION C.S 650±20# " " "	"	81655-1	F-2	X					X																															• X						X	X	X
11	R.H. ROTATION 3 TOOTH JAM C.S 900±50/0 6" FLANGE DIAM. 24V	ECLIPSE	80381-447-18	(**) G-2														X	X							X	X	X	X	X																			
12	R.H. ROTATION 3 TOOTH JAM C.S 900±50/0 7" FLANGE DIAM. 24V	"	79979-447-14	(**) G-4																		X	X	X	X																								
13	" 3 TOOTH JAM 7" FLANGE 24V	"	(*) 82284-447-22	(**) G-4																		X	X	X	X																								
14	" 12 TOOTH JAM 7" FLANGE DIAM. 24V	"	(*) 79979-447-32	(**) G-4																		X	X	X	X																								
15	L.H. ROTATION 3 TOOTH JAM C.S 700±50/0 6" FLANGE DIAM. 24V	"	104344-915-3	(**) G-5																																													
16	" " 24V	"	104797-915-3	(**) G-5																																													
17	" " 24V	"	116455-915-3	(**) G-5																																													
18	" " 24V	"	115458-915-3	(**) G-5																																													
19	" " 24V	"	94077-915-3	(**) G-5																																													
20	R.H. ROTATION C.S 700±50/0 " 24V	"	116455-915-4	(**) G-6	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X					X	X	X			X										X	X	X	X	X	X	X	X	X
21	" " 24V	"	104797-915-4	(**) G-6	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X					X	X	X			X										X	X	X	X	X	X	X	X	X
22	" " 24V	"	115458-915-4	(**) G-6	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X					X	X	X			X										X	X	X	X	X	X	X	X	X
23	" " 24V	"	104344-915-4	(**) G-6	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X					X	X	X			X										X	X	X	X	X	X	X	X	X
24	" " 24V	"	94077-915-4	(**) G-6	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X					X	X	X			X										X	X	X	X	X	X	X	X	X
25	L.H. ROTATION 3 OR 12 TOOTH JAW C.S 900#MIN. 6" FLANGE DIAM. 24V	(A) J & H	JH5FL	G-7																																												
26	" " 24V	(A) J & H	(*) JH5F4L	G-7																																												
27	R.H. ROTATION 3 OR 12 TOOTH JAW C.S 900#MIN. 6" FLANGE DIAM. 24V	J & H	JH5FR	(**) G-8	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X					X	X	X			X	X	X	X	X	X	X	X									
28	" " 24V	J & H	JH5FAR	(**) G-8	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X					X	X	X	X		X	X	X	X	X	X	X	X									
29	L.H. ROTATION C.S 800#MIN. " 24V	J & H	JH3L																																													
30	R.H. ROTATION C.S 800#MIN. " 24V	J & H	(*) JH3R		X	A X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X					X	X	X	X		X		X	X	X	X	X	X									
31	R.H. ROTATION 3 OR 12 TOOTH JAW C.S 900#MIN. 7" FLANGE DIAM. 24V	J & H	JH5ER	G-10																		X	X	X	X																								
32	R.H. ROTATION 3 OR 12 TOOTH JAW C.S 900# MIN. 6" FLANGE DIAM. 24V	J & H	(*) JH5AD		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X					X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
33	R.H. OR L.H. ROT. " C.S 900# MIN. " 24V	(A) J & H	(*) JH5AF		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X					X	X	X	X	X	X	X				X	X	X	X	X	X	X	X	X	X	X	X	X
34	L.H. OR R.H. ROT. 3 OR 12 TOOTH JAW C.S 900#MIN. 7" FLANGE DIAM. 24V	(A) J & H	JH5BR	(**) G-12																		X	X	X	X																								
35	R.H. ROTATION 3 OR 12 TOOTH JAW 6" FLANGE DIAM. 24V	ECLIPSE	113777-1281-8	G-14																																												
36	L.H. OR R.H. ROT. 3 OR 12 TOOTH JAW C.S 900# MIN. 7" FLANGE DIAM. 24V	(A) J & H	(*) JH5BD	G-12																		X	X	X	X																								
37	L.H. ROTATION 3 TOOTH JAW HAND C.S 650±20# 6" FLANGE DIAM. INERTIA	ECLIPSE	82833-429-1	B-11																																												
38	L.H. ROTATION C.S 500±20# " "	ECLIPSE	97094-946-1	B-11																																													
39	L.H. ROTATION 12 TOOTH JAW C.S 300±15# 6" FLANGE DIAM. 24V	"	85314	J-1																																													
40	" 3 TOOTH JAW SHLD 6" FLANGE DIAM. 24V	"	91173-756-21	J-1																																													
41	R.H. ROTATION 3 TOOTH JAW UN-SHLD C.S 500±20# 6" FLANGE DIAM. 24V	"	(*) 82611-534-8																																														
42	R.H. ROTATION 12 TOOTH JAW C.S 550±20# 6" FLANGE DIAM. 24V	"	84769-803-12																																														
43	3 TOOTH JAW C.S 900±50/0 6" FLANGE DIAM. 24V	"	F92316-436-18																																														
44	8 TOOTH JAW SPECIAL C.S 225±140# 24V	"	89833-840-1																																														
45																																																
46	STARTERS CONT. NEXT PAGE																																															
47																																															
48																																															
49																																															
50																																															

REMARKS: LINE NUMBERS IN RED.

(*) (1, 2, 3, 4, 5, 6, 7, 8, 9, 10) F-1 & F-2 STARTERS USED ON P-38E SERIAL NO'S 7001 TO 7300.

(**) (11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23 24) SOLENOID INSTALLED ON STARTER.

(*) (11, 20, 21, 22, 23, 24, 27) SOME RA-20C s ARE 12 VOLT AIRPLANES.

(*) (13, 14) TO MAKE INTERCHANGEABLE REPLACE 12 TOOTH JAW PART NO. C-8963 WITH 3 TOOTH JAW PART NO. C-89633.

(A) (25, 26, 33, 34, 36) J & H STARTERS MARKED EITHER L.H. OR R.H. ROTATION CAN BE REVERSED BY SIMPLY CHANGING THE POSITION OF A TERMINAL BLOCK. EITHER 3 OR 12 TOOTH JAWS ARE USED, HOWEVER THE SAME JAWS ARE NOT APPLICABLE ON ALL STARTERS AND MUST BE CHANGED IF NECESSARY.

(*) (26) TO INTERCHANGE WITH JH5FL REMOVE MOTOR AND SUBSTITUTE MOTOR PART NO. 950L.

(*) (28) TO INTERCHANGE WITH JH5FR REMOVE MOTOR AND SUBSTITUTE MOTOR PART NO. 950L.

(*) (30) INTERCHANGEABILITY MAY BE EFFECTED WITH JH3L BY REMOVING MOTOR PART NO. 445L AND REPLACING WITH MOTOR PART NO. 445R. REPLACE R.H. JAW WITH L.H. JAW PART NO. JH237-1L (3 TOOTH) OR JH238-1L (12 TOOTH)

(A) (30) INSTALLED ON SERIAL NO'S 42-29932 TO 42-31231: SOLENOID ON START.

(*) (32, 33, 36) SOLENOID J & H 900-1 INSTALLED ON STARTER. NO RELAY REQUIRED.

(*) (41) EQUIPPED WITH HYDRAULIC PUMP.

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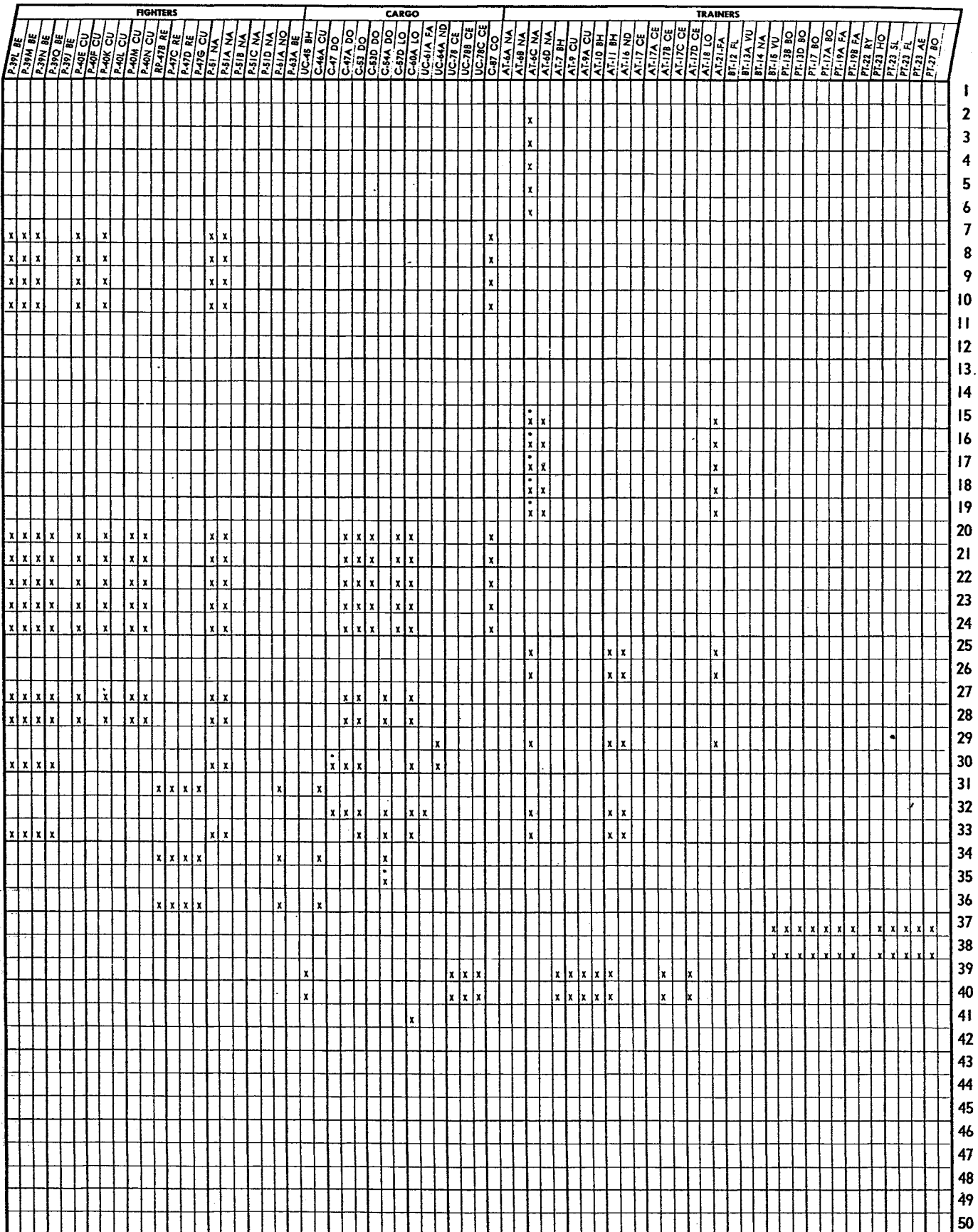


REMARKS: LINE NUMBERS IN RED.

(*) (15, 16, 17, 18, 19) USED ON SERIAL NO'S 42-48933 THRU 42-49067 AND 42-33073 THRU 42-86562.

(*) (30) USED ON SERIAL NO'S 42-23340 TO 42-24419 INCL.

(*) (35) USED ON SERIAL NO'S 42-72165 THRU 42-72764 AND 43-17199 THRU 43-17273.

VERTICAL INTERCHANGEABILITY BETWEEN RED LINES. DO NOT CROSS A RED LINE WHEN DETERMINING VERTICAL INTERCHANGEABILITY.

	CLASS 03C DESCRIPTION	VENDOR	PART NO.	TYPE	B-17E BO	B-17F BO	B-17F DO	B-17F VE	B-17G DO	B-24D CO	B-24E CO	B-24E DO	B-24E FO	B-24G NA	B-24H FO	B-24H CO	B-24H DO	B-25C NA	B-25D NA	B-25G NA	B-25H NA	B-26B MA	B-26B1 MA	B-26C MA	RB-34 VE	A-20B DO	A-20C BO	A-20C DO	A-20G DO	A-24A DO	A-24B DO	A-28A CU	A-28A LO	A-29 LO	A-29A LO	A-30A MA	A-35A VU	A-35B VU	A-36A NA	P-38E LO	P-38F LO	P-38G LO	P-38H LO	P-38J LO	P-38K LO	P-39D BE	P-39F BE	P-39K BE
1	STARTERS - ENGINE CONTINUED																																														
2	40 8 TOOTH JAM SPECIAL C.S. 245±o# 6" FLANGE DIAM. 24V	ECLIPSE	E-92400-792-1A																																													
3	24V	"	92316-936-26																											X																			
4	24V	"	84519-723-2																																													
5	24V	ECLIPSE	E-120785																																													
6	R.H. OR L.H. ROT. 3 OR 12 TOOTH JAM C.S. 900#Min. 6" FLANGE DIAM. 24V	(A) J & H	(*) JH5A		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X				X	X	X	X			X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
7	R.H. ROTATION 3 OR 12 TOOTH C.S. 900# 6" FLANGE DIAM. 24V	J & H	JH4FR		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X				X	X	X	X			X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
8	L.H. ROTATION " C.S 800" MIN. " 24V	J & H	JH5LL JA1354																																													
9	L.H. ROTATION HAND INERTIA C.S 175±15# 6" FLANGE DIAM. 24V	ECLIPSE	15635-390-2																																												
10	R.H. ROTATION 3 TOOTH JAM HAND C.S 300± 20# 6" FLANGE DIAM. 24V	"	80705-393-4																																												
11	L.H. ROTATION 3 TOOTH JAM C.S 700+50 6" FLANGE DIAM. 12V	"	116455-444-3	(C) H-5																																												
12	" " " 12V	"	104797-444-3	(C) H-5																																												
13	L.H. ROTATION 3 TOOTH JAM C.S 700±50 6" FLANGE DIAM. 12V	"	115458-444-3	H-5																																												
14	" " " "	"	104344-444-3	H-5																																												
15	" " " " 12V	"	94077-444-3	H-5																																												
16	R.H. ROTATION 50 C.S 700± " 12V	"	116455-444-4	H-6																																												
17	" " " 12V	"	104797-444-4	H-6																																												
18	" " " 12V	"	115458-444-4	H-6																																												
19	" " " 12V	"	104344-444-4	H-6																																												
20	" " " 12V	"	94077-444-4	- H-6																																												
21																																															
22	L.H. ROTATION 3 TOOTH JAM C.S 650±20 6" FLANGE DIAM. 12V	"	97095-947-9	C-20																																												
23	" " 12V	"	79472-426-9	C-20																																												
24	" " 12V	"	81655-4	C-20							1																																					
25	" " 12V	"	73108	C-20																																												
26	" " 12V	"	63025-4	C-20																																												
27	" " 12V	"	42811-2	C-20																																												
28	R.H. ROTATION 3 TOOTH JAM C.S 500±20# 6" FLANGE DIAM. 12V	"	E-97095-947-10	C-21																																												
29	R.H. ROTATION C.S 650±20# " 12V	"	79472-426-10	C-21																																												
30	" " 12V	"	81655-3	C-21																																												
31	" " 12V	"	73108-3	C-21																																												
32	" " 12V	"	63025-3	C-21																																												
33	" " 12V	"	42811-1	C-21																																												
34	R.H. ROTATION C.S 550±20 " 12V	"	82611-405-10																																												
35	L.H. ROTATION C.S. 900±50 " 12V	"	F-172902-6	H-1																																												
36	R.H. ROTATION 3 TOOTH JAM C.S 300±15 6" FLANGE DIAM. 12V	"	397-13																																												
37	CLASS 03-C																																														
38	SHAFT ASSY-FLEXIBLE STARTER																																														
39	22 1/2" R.H.	J & H	1197																																												
40	25 1/2" R.H.	"	1197			X												X	X	X	X	(A) X		X													X										
41	28 1/2" R.H.	"	1197																																			X	X									
42	28 1/2" L.H.	"	1197																																		X											
43	31 1/2" R.H.	"	1197																												X																
44	34 1/2" R.H.	"	1197																				X	X																							
45	COIL ASSY-CLASS 03-C INDUCTION VIBRATOR STARTING																																														
46		AM. BOSCH	VJR248-2							X														X	X																						
47	NO FILTER	"	VJR248-3			X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X				X																		
48	HAS FILTER TO ELIMINATE RADIO INTERFERENCE	"	(*) VJR248-5			X	A X	X	B X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X				X																		
49		"	VJR248-6																																												
50	COIL ASSY CONT. NEXT PAGE																																														

REMARKS: LINE NUMBERS IN RED.

(A) (6) J & H STARTERS MARKED EITHER L.H. OR R.H. ROTATION CAN BE REVERSED BY SIMPLY CHANGING THE POSITION OF A TERMINAL BLOCK. EITHER 3 OR 12 TOOTH JAWS ARE USED, HOWEVER THE SAME JAWS ARE NOT APPLICABLE ON ALL STARTERS AND MUST BE CHANGED IF NECESSARY.

(*) (6) SOLENOID J & H 500-1 INSTALLED ON STARTER. NO RELAY REQUIRED.

(C) (11, 12) REPLACES TYPE C-20

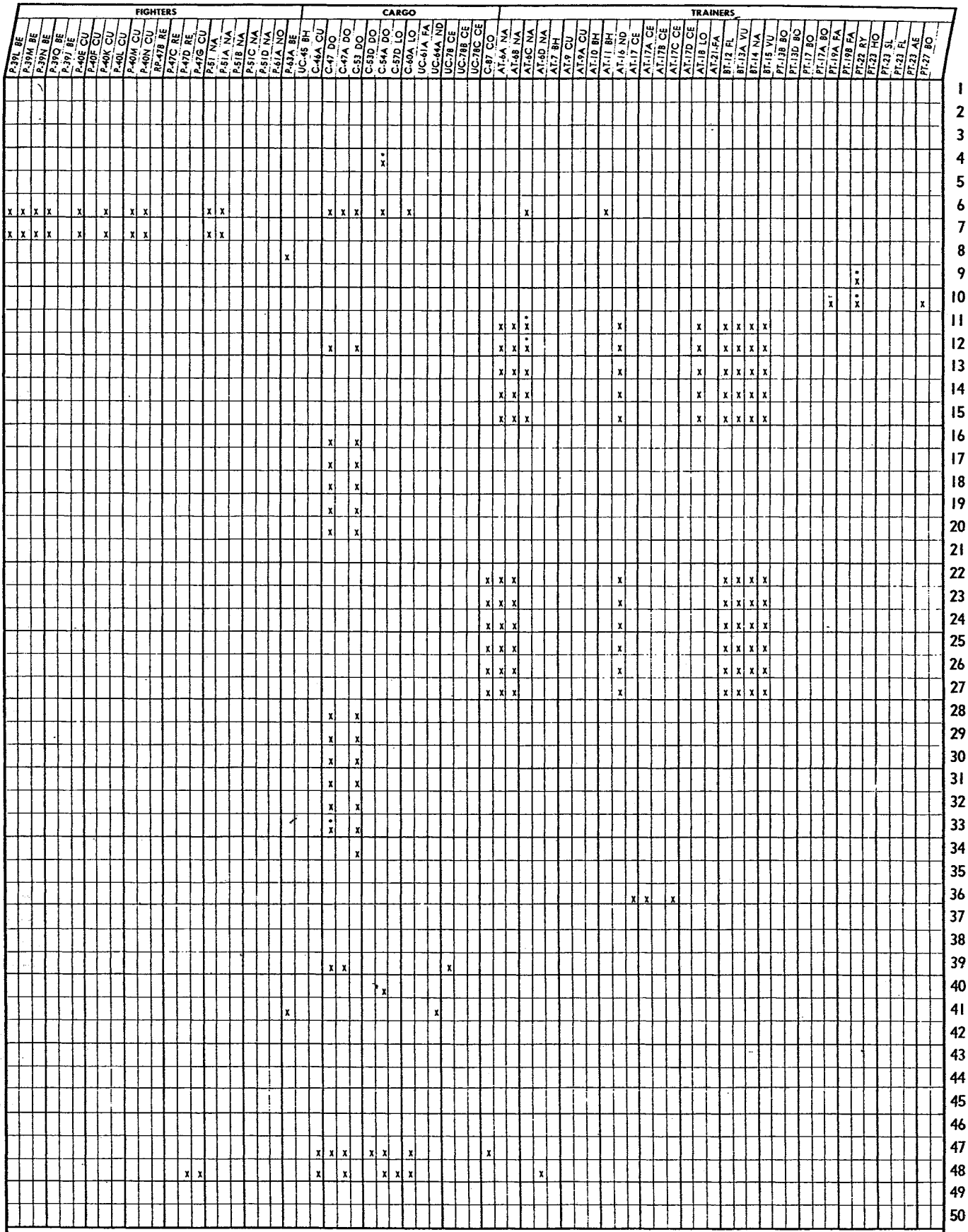
(*) (40) USED ON SERIAL NO'S 42-30232 TO 42-31530 INCL.

(A) (40) USED ON SERIAL NO'S 41-18185 TO 41-18671 INCL.

(*) (48) LATER MODEL THAN VJR248Z AND VJR248-3

(A) (48) B-17F VEGA USED ON SERIAL NO'S 42-39859 AND ON

(B) (48) B-17F00 " " " " 42-37844 " "



REMARKS: LIKE NUMBERS IN RED.

(*) (4) USED ON SERIAL NO'S 41-37268 THRU 41-37272.

(*) (9) USED ON AIRPLANES HAVING KINNER R-540-1 ENGINES.

(*) (10) " " " " " R-540-3 "

(*) (11, 12) USED ON SERIAL NO'S 42-3884 THRU 42-4243 AND 42-43847 THRU 42-45446 AND 42-48772 THRU 42-48932 AND 42-33073 THRU 41-34672.

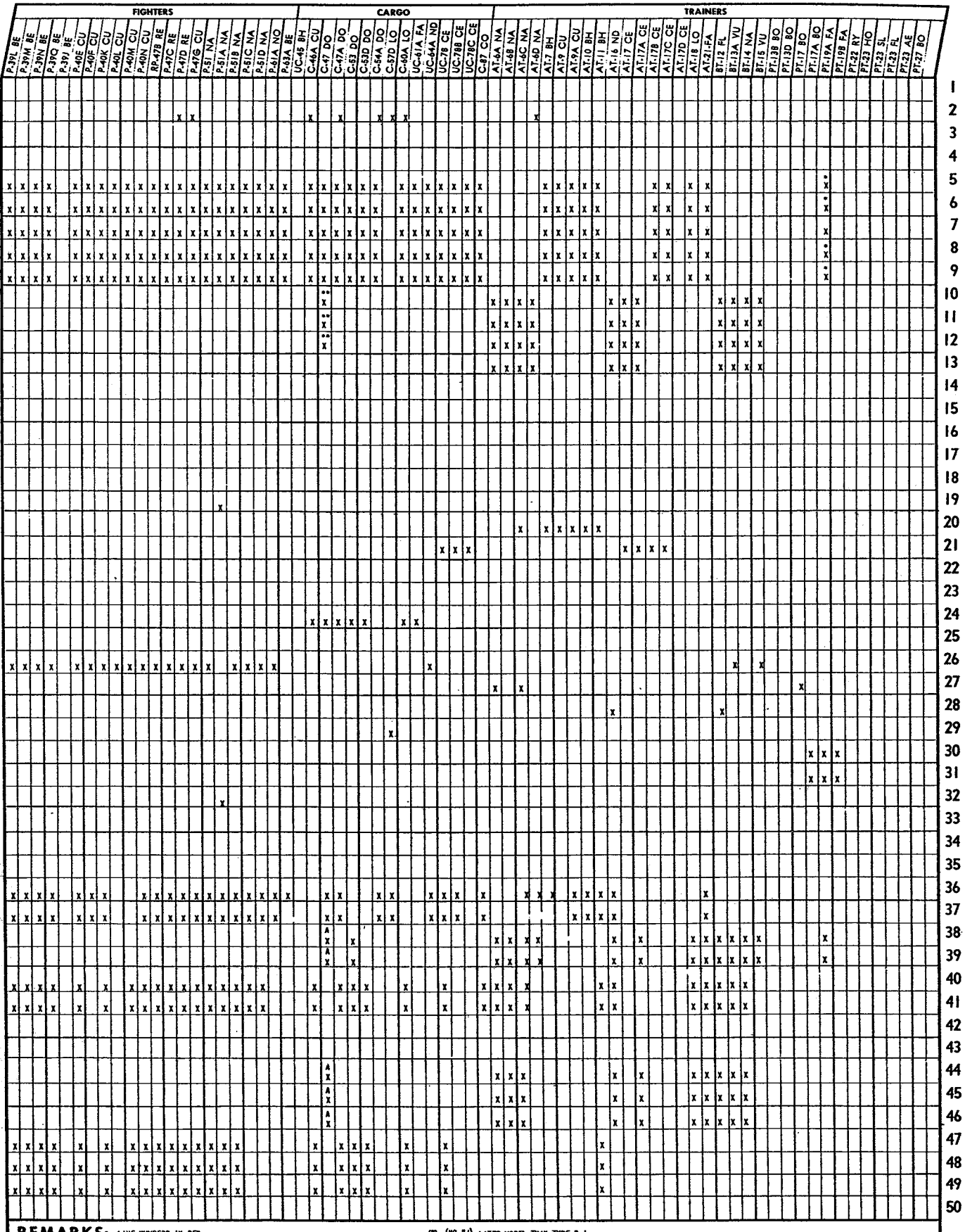
(*) (33) 12 VOLT SYSTEM IN SERIAL NO'S 42-5635 TO 42-5704 INCL. AND 42-23300 TO 42-23448 INCL.

VERTICAL INTERCHANGEABILITY BETWEEN RED LINES. DO NOT CROSS A RED LINE WHEN DETERMINING VERTICAL INTERCHANGEABILITY.

	DESCRIPTION	VENDOR	PART NO.	TYPE	B-17E BO	B-17F BO	B-17F DO	B-17F VE	B-17G DO	B-24D CO	B-24E CO	B-24E DO	B-24E FO	B-24G NA	B-24H FO	B-24H CO	B-24H DO	B-25C NA	B-25D NA	B-25G NA	B-25H NA	B-26B MA	B-26BI MA	B-26C MA	RB-34 VE	A-20B DO	A-20C BO	A-20C DO	A-20G DO	A-24A DO	A-24B DO	A-25A CU	A-28A LO	A-29 LO	A-29A LO	A-30A MA	A-35A VU	A-36A NA	P-38E LO	P-38F LO	P-38G LO	P-38H LO	P-38J LO	P-38K LO	P-39D BE	P-39F BE	P-39K BE
	COIL ASSY CONTINUED				HEAVY BOMBERS													MEDIUM BOMBERS								LIGHT BOMBERS													FIGHTERS								
	FILTER INCORPORATED	GEN. ELEC.	706-7			* X	* X	* X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X				X																			
	CLASS 03-C																																														
	COIL - BOOSTER																																														
	24V	GEN. ELEC.	5767106-1	C-1	X	X	X	X		X	X	X	X					X	X			X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X			X	X	X
	24V	PAUSIN ELEC. CO.	P-5C	C-1	X	X	X	X		X	X	X	X					X	X			X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X			X	X	X
	24V	STAR	2525	C-1	X	X	X	X		X	X	X	X					X	X			X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X			X	X	X
	24V	ECLIPSE	(*) 93654-58-1	C-1	X	X	X	X		X	X	X	X					X	X			X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X			X	X	X
	24V	ECLIPSE	77960-513-1	C-1	X	X	X	X		X	X	X	X					X	X			X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X			X	X	X
	12V	STAR	2520	A-1																						* X																					
	12V	"	2051	A-1																						* X																					
	12V	GEN. ELEC.	5767116-1	A-1																						* X																					
	12V	ECLIPSE	93654-512-4	A-1																						* X																					
	CLASS 03-C																																														
	SWITCH - IGNITION																																														
	UNSHLD. - 2 ENGINE OF A 4 ENGINE SHIP CONTROLS 2 MAGS AND BOOSTER	SCINTILLA	(*) 10-17498	B-4A	X	X	X	X	X																																						
	MAG. PER ENGINE. HAS MASTER CONTROL LEVER	"	(*) 10-17698	B-4A	X	X	X	X	X																																						
	SHLD. 2 ENGINE CONTROLS 2 MAG. AND BOOSTER MAG PER ENGINE	"	(*) 10-18399	B-4A																						X	X	X																			
	" "	"	10-9483-1	B-4							* X																																				
	UNSHLD. 2 ENGINE-CONTROLS 2 MAG. AND BOOSTER MAG. PER ENG.	"	(*) 10-18562	B-5						X	X	X				X		X	X			X	X	X		X														X	X	X					
		"		B-5A						X	X				X	X		X	X							X																					
	SHLD. 1 ENG. - CONTROLS 2 MAG. AND A BOOSTER MAG. PER ENGINE	"	10-9351Y	A-1A																									X	X																	
	" "	"	10-16250	A-2A																													X	X	X												
	" "	"	(*) 10-14318	A2A-10																													X	X	X												
	" "	"	10-27345	A2A-13																													X	X	X												
	UNSHLD. 1 ENG. - CONTROLS 2 MAG. AND CURRENT FOR INSTRUMENTS	"	10-20336	A-9																																									X	X	X
	UNSHLD. 1 ENG. - CONTROLS 2 MAGS AND BOOSTER MAG.	"	10-13059	A-7																																										
	UNSHLD. 1 ENG. - CONTROLS 2 MAG. AND BAT. BOOSTER UNIT	"	10-12255	A-8																																										
	UNSHLD. 4 ENG. - CONT. 2 MAG. PER ENG. NO. BOOSTER OR MASTER CONT.	"	10-14711	EM-F																																										
	SHLD. 1 ENG. - CONTROLS 2 MAG. AND BOOSTER MAG. USED WITH EE SWITCH	"	10-1597	EF																																										
	DUMMY SWITCH USED WITH TYPE EF	"	10-1593	EE																																										
			32E8903								* X																																				
	CLASS 03-C																																														
	RELAY-SOLENOID SWITCH - (BATTERY AND STARTER CIRCUIT CONTROL)																																														
	18V DIRECT CURRENT 200 AMP	CUTLER-HAMMER	604HH17A	(*) B-4	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X									X	X	X		X	X	X	X	X	X	X	X	X
	" "	ELECTRIC AUTO-LITE	MSG-4002	(*) B-4	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X									X	X	X		X	X	X	X	X	X	X	X	X
	9V " "	"	MSH-4001	(*) A-3																																											
	" " "	CUTLER-HAMMER	604HH93	(*) A-3																																										
	(STARTER SWITCH RELAY) 7.5V " 250 AMP	J & H	JHZ700	(*) B-8	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
	" " "	CUTLER-HAMMER	MSJ-4001	(*) B-8	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
	(STARTER SWITCH RELAY) 18V " 200AMP	"	604HH61	D-1	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
	" " "	ECLIPSE	66198-518-2	D-1	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
	(BATTERY SWITCH) 10V. DIRECT CURRENT 100AMP	ECLIPSE	59900-520-1	(*) B-1																																										
	" "	STAR	1510-12	(*) B-1																																										
	" "	PAUSIN ENG. CO.	P-6	(*) B-1																																										
	(BATTERY SWITCH) 20V DIRECT CURRENT 100AMP	ECLIPSE	73110-521-1	C-1	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X								X	X	X	X		X	X	X	X	X	X	X	X	X	X	X			X	X	X
	" "	CUTLER-HAMMER	604HH73	C-1	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X								X	X	X	X		X	X	X	X	X	X	X	X	X	X	X			X	X	X
	" "	STAR	1510-24	C-1	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X								X	X	X	X		X	X	X	X	X	X	X	X	X	X	X			X	X	X
	RELAY-SOLENOID SWITCH CONT. NEXT PAGE																																													

REMARKS: LINE NUMBERS IN RED.

(*) (1) B-17F-VEGA USED ON SERIAL NO'S 42-39859 AND ON
(*) (2) B-17F-DO " " " " 42-37844 AND ON.
(*) (2) B-17F-BO " " " " 42-102945 AND ON.
(*) (8) LATER MODEL THAN 77960-513-1.
(*) (10, 11, 12, 13) SOME RA-20C'S ARE EQUIPPED WITH 12 VOLT SYSTEM.
(*) (16) DIAL MARKED 1 AND 2.
(*) (17) DIAL MARKED 3 AND 4.
(*) (18) INCORPORATES AN AUX. SWITCH OF 60 AMP CAPACITY TO CONTROL BATTERY CIRCUIT TO INSTRUMENTS OR AUXILIARY DEVICES.
(*) (20) INCLUDES AUX. SWITCH OF 15A, 28.5V TO CONTROL BATTERY CIRCUIT TO INSTRUMENTS OR AUXILIARY DEVICES.
(*) (19) USED ON SERIAL NO'S 42-52077 TO 42-52176.



REMARKS: LINE NUMBERS IN RED.

(*) (5, 6, 7, 8, 9) USED ON PT-19A'S SERIAL NO'S 42-33473 AND ON

(*) (32) USED ON SERIAL NO'S 42-52177 AND ON.

(*) (24) SAME AS A-2A EXCEPT NO SECURING NUTS IN FLANGE.

(*) (36, 37) MAY BE USED INTERCHANGEABLY WITH TYPE C-1 IF MAIN CONNECTIONS TO RELAY CAN BE MADE TO FIT.

(*) (38, 39) LATER MODEL THAN TYPE A-5A AND B-1

(*) (40, 41) LATER MODEL THAN TYPE D-1.

(*) (44, 45, 46) INTERMITTENT OR CONTINUOUS DUTY SEE T.O. -03-5-47

(**) 10, 11, 12) 12 VOLT SYSTEM IN C-47'S SERIAL NO'S 42-5635 TO 42-5704 INCL. AND 42-2330 TO 42-23448 INCL.

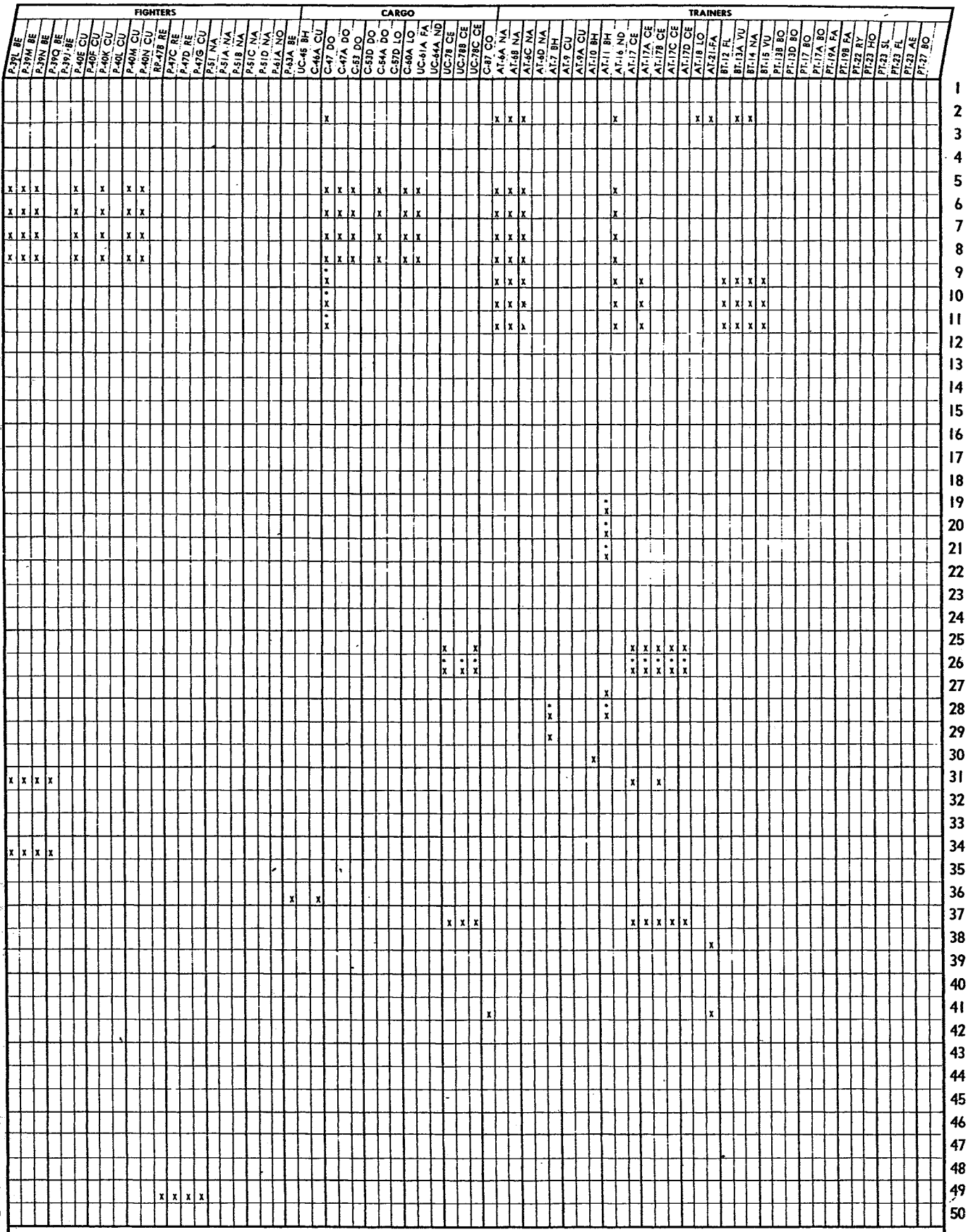
(A) (38, 39, 44, 45, 46) 12 VOLT SYSTEM USED IN SERIAL NO'S 42-5635 TO 42-5704 INCL. AND 42-2330 TO 42-23448 INCL.

INTERCHANGEABILITY BETWEEN RED LINES. DO NOT CROSS A RED LINE WHEN DETERMINING VERTICAL INTERCHANGEABILITY.

	DESCRIPTION		VENDOR	PART NO.	TYPE	B-17E BO	B-17F BO	B-17F DO	B-17F VE	B-17G DO	B-24D CO	B-24E CO	B-24E DO	B-24E FO	B-24G NA	B-24H FO	B-24H CO	B-24H DO	B-25C NA	B-25D NA	B-25G NA	B-25H NA	B-26B MA	B-26B1 MA	B-26C MA	B-34 VE	A-20B DO	A-20C BO	A-20G DO	A-24A DO	A-24B DO	A-25A CU	A-28A LO	A-29 LO	A-29A LO	A-30A MA	A-35A VU	A-35B VU	A-36A NA	P-38E LO	P-38F LO	P-38G LO	P-38H LO	P-38J LO	P-38K LO	P-39D BE	P-39F BE	P-39K BE
1	RELAY-SOLENOID SWITCH CONT.																																														
2	(STARTER)			C-53541-	(*)																																											
3	12V		ECLIPSE	515-2	A-5A																																											
4	CLASS 03-C																																														
5	SOLENOID-STARTER MESHING																																														
6	23 TO 29V DIRECT CURRENT		ECLIPSE	71730	C-1	x	x	x	x	x	x	x	x	x		x	x	x																						x	x	x		x	x	x	
7	" " " "		"	81699-	(*)																																										
8	" " " "		"	500-5	C-1	x	x	x	x	x	x	x	x	x		x	x	x																						x	x	x		x	x	x	
9	" " " "		STAR	1770	C-1	x	x	x	x	x	x	x	x	x		x	x	x																						x	x	x		x	x	x	
10	24V		J & H	(*) 500-1		x	x	x	x	x	x	x	x	x		x	x	x	x	x			x	x	x	x	x	x	x	x		x	x	x	x	x	x	x	x	x	x		x	x	x	
11	12V FOR H-5 & G-5 STARTERS		ECLIPSE	95645	A-1																																										
12	12V " "		"	C18426	A-1																																										
13			"	67542	A-1A																																										
14			"	22923	B-1																																										
15	CLASS 03-C																																														
16	MOTORS-BOMB BAY																																														
17		24V	ECLIPSE	86140-787-1		x	x	x	x	x																																					
18		24V	"	(*) 104218-1073-1		x	x	x	x	x																																					
19		24V	"	112621-1073-2		x	x	x	x	x																																					
20		24V	GEN. ELEC	58A50LJ7		x	x	x	x	x																																					
21	1/10 H.P. MOTOR	24V	DUMORE	5162A	KL																																									
22		24V	"	(*) 5367	KBL																																									
23		24V	"	5162	KL																																									
24	CLASS 03-C																																														
25	MOTORS-WING FLAP																																													
26		24V	ECLIPSE	(*) E-8591-786-1		x	x	x	x																																					
27	1/2 H.P.	12V or 24V	DUMORE	4825	E1YD																																									
28	1/8 H.P.	24V	"	5329	(*) E2Y2P																																									
29		24V	"	5162A	KL																																									
30		24V	"	5367	KBL																																									
31		24V	"	4289	KL																																									
32		24V	"	5229	KBL																																									
33	1/4 H.P.	24V	ELEC. SPEC	7239A	J1																																								x	x	x
34	1/2 H.P.	24V	"	(*) 6907A	JA2																																									
35	1/2 H.P.	24V	"	6653	JA2																																									
36	1/4 H.P.	24V	"	(*) 7856A																																										x	x	x
37		24V	GEN. ELEC	58A50F-JBA			x	x	x																																					
38	1/10 H.P.	24V	LEAR AVIA	CC-10																																										
39	1/8 H.P.	24V	DUMORE	5387	E2Y 2P																																									
40		24V	LEAR AVIA	2004																																										
41	CLASS 03-C																																														
42	MOTORS-COWL FLAP																																														
43		24V	LEAR AVIA	C108-4 CH-C108							x	x	x	x	x																																
44	1/4 H.P. MOTOR	24V	DUMORE	5165	E1-YDS						x														x																						
45	1/10 H.P. MOTOR	24V	ELEC. DEV		GPH1																				x																						
46		24V	GEN. ELEC	58A25DJ																																											
47			ELEC. DEV	A69							x	x																																			
48			AIR-ASSOC.	WEE500							x	x																																			
49	CLASS 03-C																																														
50	MOTOR-INTERCOOLER DOOR																																														
		24V	DUMORE	5179	E1YD																																									
	MOTOR-INTERCOOLER	CONT. NEXT PAGE																																												

REMARKS: LINE NUMBERS IN RED.

(*) (2) INTERMITTENT OR CONTINUOUS DUTY SEE T.O.-03-5-47.
(*) (6) LATER MODEL THAN #71730.
(*) (8) INTEGRAL PART OF STARTER BUT REPLACABLE.
(*) (18) LATER MODEL THAN #86140-787-1.
(*) (20) LATER MODEL THAN TYPE KL AND FURNISHED LESS GEAR BOX.
(*) (24) COMPLETE UNIT INTERCHANGEABLE BUT MOTOR IS NOT.
(*) (32) NO MOTOR PROTECTION.
(*) (26) LATER MODEL THAN #4825.



REMARKS: LINE NUMBERS IN RED.

(*) (19) LATER MODEL THAN #5162
(*) (20) ATER MODEL THAN #5152A
(*) (21) TO INTERCHANGE WITH 5162, DRILL NEW MOUNTING HOLES.

(*) (26) LATER MODEL THAN #4825
(*) (29) LATER MODEL THAN #4289

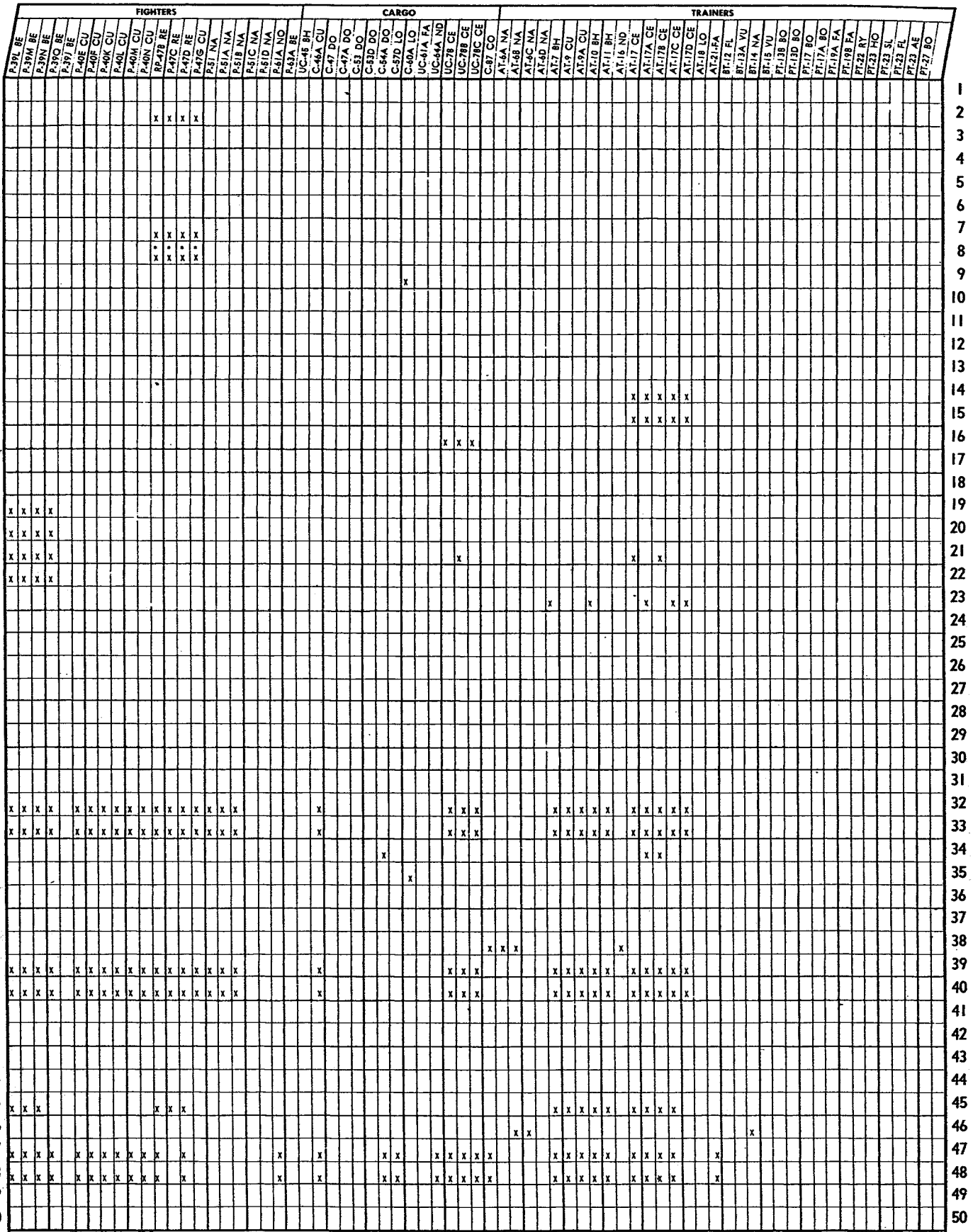
VERTICAL INTERCHANGEABILITY BETWEEN RED LINES. DO NOT CROSS A RED LINE WHEN DETERMINING VERTICAL INTERCHANGEABILITY.

	CLASS 03-C DESCRIPTION		VENDOR	PART NO.	TYPE	HEAVY BOMBERS: B-17E BO	B-17F BO	B-17F DO	B-17F VE	B-17G DO	B-24D CO	B-24E CO	B-24E DO	B-24E FO	B-24G NA	B-24H FO	B-24H CO	B-24H DO	MEDIUM BOMBERS: B-25C NA	B-25D NA	B-25G NA	B-25H NA	B-26B MA	B-26B1 MA	B-26C MA	B-34 VE	LIGHT BOMBERS: A-20B DO	A-20C BO	A-20C DO	A-20G DO	A-24A DO	A-24B DO	A-28A CU	A-28A LO	A-29 LO	A-29A LO	A-30A MA	A-35A VU	A-35B VU	A-36A NA	FIGHTERS: P-38E LO	P-38F LO	P-38G LO	P-38H LO	P-38J LO	P-38K LO	P-39D BE	P-39F BE	P-39K BE
1	MOTOR-INTERCOOLER DOOR-CONT.																																															
2		24V	DUMORE	5365	E1Y-2P8																																												
3	CLASS 03-C																																															
4	MOTORS-OIL COOLER DOOR																																															
5		24V	DUMORE	(*) 4744	E1Y																																						X	X	X					
6		12V 24V	" "	(*) 4834 4834	E1Y					4																								X	X	X												
7		24V	"	(*) 5179	E1Y																																												
8		24V	"	5365	E1YD																																												
9		12V	"	4834	E1Y-2P8														•																															
10	CLASS 03-C																																															
11	MOTORS-MAIN LANDING GEAR																																															
12	L.H.	24V	ECLIPSE	F-112627-1073-2	(*)	X	X	X	X	X																																							
13	R.H.	24V	"	F-112627-1073-3	(*)	X	X	X	X	X																																							
14	R.H. CSH7#	24V	"	85833-785-1		X	X	X	X																																							
15	L.H. "	24V	"	85833-785-3		X	X	X	X																																							
16		24V	"	85469-785-4																																												
17	L.H.	24V	GEN. ELEC	58A50-FJ2AL	(A)	X	X	X	X																																							
18	R.H.	24V	GEN. ELEC	58A50-FJ2AR	(A)	X	X	X	X																																							
19	3/4 H.P.	24V	ELEC. SPEC	(*) 7437A	HCA 31.5																																										X	X	X
20	3/4 H.P.	24V	"	(*) 6908A	HCA 31.5																																										X	X	X
21	3/4 H.P.	24V	"	7884	HCA 31.5																																										X	X	X
22	3/4 H.P.	24V	"	7855A	HCA 31.5																																										X	X	X
23	1.4 H.P.	24V	"	A-4612	HCA-3																																												
24	CLASS 03-C																																															
25	MOTORS-NOSE AND TAIL WHEEL																																															
26		24V	GEN. ELEC	58A50 FJ3A		X	X	X	X	X																																							
27		24V	ECLIPSE	111196 1227-1		X	X	X	X	X																																							
28	"	"	"	86149-788-1		X	X	X	X	X																																							
29		"	"	E-61630-1227-1			X																																										
30	CLASS 03-C																																															
31	HORN-LANDING GEAR																																															
32		24V	SPARKS & WITHINGTON	B-9143	E-2	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X											X	X	X	X	X	X	X	X	X	X	X	X	X
33		24V	DELCO	1999834	E-2	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X											X	X	X	X	X	X	X	X	X	X	X	X	X
34		24V	DELCO	1999971	E-1																									X	X																			
35			DELCO	1330-A																																X		X											
36			LAC	78564																																	X											
37		12V	SPARKS & WITHINGTON	AN-5775-1 B-9605																																													
38		12V	"	B-7890	B-3																																												
39		24V	"	B-9254	E-2	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X											X	X	X	X	X	X	X	X	X	X	X	X	X
40		24V	"	AN-5775-2 B-9606	(A)	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X											X	X	X	X	X	X	X	X	X	X	X	X	X
41	CLASS 03-C																																															
42	LIGHTS-LANDING																																															
43	FIXED	12V & 24V	ADAMS & WESTLAKE	CM-1348	A-9	X													X	X																														
44		24V		HM16G-9803		X	X	X	X	X															X	X																								
45	RETRACTABLE	24V	GRIMES	G-1580-24	B-1							X	X	X															X	X	X	X															X	X	X
46	FIXED	12V & 24V	ADAMS & WESTLAKE	GM-563	A-8														X	X			X	X																									
47	RETRACTABLE	24V	GRIMES	G-3000	B-3					X	X	X	X	X	X	X	X								X	X			X				X	X	X			X	X			X	X	X	X	X	X	X	X
48	"	"	E.A.LAB	4095	B-3					X	X	X	X	X	X	X	X								X	X			X				X	X	X			X	X			X	X	X	X	X	X	X	X
49																																																
50	IGHTS-LANDING CONT. NEXT PAGE																																															

REMARKS: LINE NUMBERS IN RED.

(*) (4, 5, 6) FURNISHED LESS GEAR BOX.
(*) (12, 13) WILL REPLACE 85833-785-1, AND-3 BUT THE REVERSE IS NOT TRUE.
(*) (14, 15) USED ON BO, B-17F TO SERIAL 42-30070.
(*) (17, 18) USED ON SERIAL 42-5705 TO 42-6204.
(*) (19, 20) NO MOTOR PROTECTION.
(A) (17, 18) WILL INTERCHANGE WITH ECLIPSE MOTORS BY MODIFING MOTORS.
(A) (40) LATER MODEL THAN B-9254 AND B-9143.

T. O. No. 00-25-29



REMARKS: LINE NUMBERS IN RED.
(*) (5) LATER MODEL THAN #5179-

	DESCRIPTION		VENDOR	PART NO.	TYPE
1	LIGHTS-LANDING CONT.				
2			GRIMES	G-2280	1220 AF
3				AN-1-11	111
4		24V	GRIMES	D 1444-24	ST-250
5	FIXED	24V	C.M. HALL	A-317	A-8
6			DIETZ	1002 L&R	DO-WSX
7	RETRACTABLE	12V	GRIMES	G-1580	A-11
8	SEALED BEAM-450 WATT	12V		TH-4540	PAR-56
9		12V		ST-1220	
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	HEAVY BOMBERS																MEDIUM BOMBERS										LIGHT BOMBERS																FIGHTERS									
	B-17E BO	B-17F BO	B-17F DO	B-17F VE	B-17G DO	B-24D CO	B-24E CO	B-24E DO	B-24E FO	B-24G NA	B-24H FO	B-24H CO	B-24H DO	B-25C NA	B-25D NA	B-25G NA	B-25H NA	B-26B MA	B-26B1 MA	B-26C MA	RB-34 VE	A-20B DO	A-20C BO	A-20C DO	A-20G DO	A-24A DO	A-24B DO	A-25A CU	A-28A LO	A-29 LO	A-29A LO	A-30A MA	A-35A VU	A-35B VU	A-36A NA	P-38E LO	P-38F LO	P-38G LO	P-38H LO	P-38J LO	P-38K LO	P-39D BE	P-39F BE	P-39K BE
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REMARKS:

FIGHTERS	P-39L BE	P-39M BE	P-39N BE	P-39Q BE	P-39J BE	P-40E CU	P-40F CU	P-40K CU	P-40L CU	P-40M CU	P-40N CU	RP-47B RE	P-47C RE	P-47D RE	P-47G CU	P-51 NA	P-51A NA	P-51B NA	P-51C NA	P-51D NA	P-61A NO	P-63A BE
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CARGO	UC-45 BH	C-46A CU	C-47 DO	C-47A DO	C-53 DO	C-53D DO	C-54A DO	C-57D LO	C-60A LO	UC-61A FA	UC-64A ND	UC-78 CE	UC-78B CE	UC-78C CE	C-87 CO
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3															
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6			X												
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TRAINERS	AT-6A NA	AT-6B NA	AT-6C NA	AT-6D NA	AT-7 BH	AT-9 CU	AT-9A CU	AT-10 BH	AT-11 BH	AT-16 ND	AT-17 CE	AT-17A CE	AT-17B CE	AT-17C CE	AT-17D CE	AT-18 LO	AT-21-FA	BT-12 FL	BT-13A VU	BT-14 NA	BT-15 VU	PT-13B BO	PT-13D BO	PT-17 BO	PT-17A BO	PT-19A FA	PT-19B FA	PT-22 RY	PT-23 HO	PT-23 SL	PT-23 FL	PT-23 AE	PT-27 BO	
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REMARKS:

VERTICAL INTERCHANGEABILITY BETWEEN RED LINES. DO NOT CROSS A RED LINE WHEN DETERMINING VERTICAL INTERCHANGEABILITY.

	DESCRIPTION	FLUID SPEC.	STROKE	VENDOR	PART NO.	TYPE	B-17E BO	B-17F BO	B-17F DO	B-17F VE	B-17G DO	B-24D CO	B-24E CO	B-24E DO	B-24E FO	B-24G NA	B-24H FO	B-24M CO	B-24H DO	B-25C NA	B-25D NA	B-25G NA	B-25H NA	B-26B MA	B-26B1 MA	B-26C MA	RB-34 VE	A-20B DO	A-20C BO	A-20C DO	A-20G DO	A-24A DO	A-24B DO	A-28A CU	A-28A LO	A-29 LO	A-29A LO	A-30A MA	A-35A VU	A-35B VU	A-36A NA	P-38E LO	P-38F LO	P-38G LO	P-38H LO	P-38J LO	P-38K LO	P-39D BE	P-39F BE	P-39K BE
	HEAVY BOMBERS																			MEDIUM BOMBERS							LIGHT BOMBERS														FIGHTERS								
1	STRUTS - MAIN SHOCK																																																
2		FLUID SPEC.	STROKE																																															
3	CLASS 03-G	3580	9 19/32"	CLEV. P.T.	7932	L.H.	X																																											
4	CLASS 01-F	3580	9 19/32"	BOEING	57-1195	L.H.	X																																											
5	CLASS 03-G	3580	9 19/32"	CLEV. P.T.	7932	R.H.	X																																											
6	CLASS 01-F	3580	9 19/32"	BOEING	57-1195	R.H.	X																																											
7	CLASS 03-G	3580		A.O. SMITH	15-10414-3	L.H.		X	X	X	X																																							
8	" "	3580		A.O. SMITH	15-10414-27 (**)	L.H.		X	X	X	X																																							
9	" "	3580		A.O. SMITH	15-10414-4	R.H.		X	X	X	X																																							
10	" "	3580		A.O. SMITH	15-10414-28 (**)	R.H.		X	X	X	X																																							
11	" "	3580	7 1/2"	BENDIX	67450 (**)	L.H.						X	X	X	X	X	X	X	X																															
12	" "	3580	7 1/2"	BENDIX	67450 (**)	R.H.						X	X	X	X	X	X	X	X																															
13	" "	3580	7 1/2"	BENDIX	65680 (*)	L.H.						X	X	X	X	X	X	X	X																															
14	" "	3580	7 1/2"	BENDIX	65680-1 (*)	R.H.						X	X	X	X	X	X	X	X																															
15	" "																																																
16	" "																																																
17	" "	3580	10"	CLEV. P.T.	SK 7927 (*)	L.H.																		X	X																									
18	" "	3580	10"	CLEV. P.T.	7927A (A) (*)	L.H.																		X	X																									
19	" "	3580	10"	CLEV. P.T.	SK 7927 (*)	R.H.																		X	X																									
20	" "	3580	10"	CLEV. P.T.	7927A (A) (*)	R.H.																		X	X																									
21	" "	3580	10"	HUGHES TOOL	8246	L.H.																			X	X																							
22	" "	3580	10"	CLEV. P.T.	8246	L.H.																			X	X																							
23	" "	3580	10"	DELCO	8246	L.H.																			X	X																							
24	" "	3580	10"	HUGHES TOOL	8246	R.H.																			X	X																							
25	" "	3580	10"	CLEV P.T.	8246	R.H.																			X	X																							
26	" "	3580	10"	DELCO	8246	R.H.																			X	X																							
27	" "																																																
28	" "	3580	10"	BENDIX	65929 (**)	L.H.														X	X	X	X																										
29	" "																																																
30	" "	3580	10"	BENDIX	65930 (**)	R.H.														X	X	X	X																										
31	" "	3580	10"	BENDIX	65516 (*)	L.H.																					X																						
32	" "	3580	10"	BENDIX	65516 (*)	R.H.																					X																						
33	" "	3580	10"	BENDIX	67081 (*)	L.H.																					X																						
34	" "	3580	10"	BENDIX	67081 (*)	R.H.																					X																						
35	" "	3580	10"	BENDIX	65516	L.H.																					X																						
36	" "	3580	10"	BENDIX	67081	L.H.																					X																						
37	" "	3580	10"	BENDIX	67710 (A)	L.H.																					X																						
38	" "	3580	10"	BENDIX	65516	R.H.																					X																						
39	" "	3580	10"	BENDIX	67081	R.H.																					X																						
40	" "	3580	10"	BENDIX	67711 (A)	R.H.																					X																						
41	" "	3580	9 5/16"	BENDIX	65284 (**)	L.H.																						X	X	X	X																		
42	" "	3580	9 5/16"	CLEV. P.T.	7903	L.H.																						X	X	X	X																		
43	" "	3580	9 5/16"	CLEV. P.T.	7903	R.H.																						X	X	X	X																		
44	" "	3580	9 5/16"	BENDIX	65265 (**)	R.H.																						X	X	X	X																		
45	" "	3580	9 1/2"	CLEV. P.T.	8134 (*)	L.H.																										X	X															
46	" "	3580	9 1/2"	CLEV. P.T.	8134C (A) (*)	L.H.																										X	X															
47	" "	3580	9 1/2"	CLEV. P.T.	8134 (*)	R.H.																										X	X															
48	" "	3580	9 1/2"	CLEV. P.T.	8134C (A) (*)	R.H.																										X	X															
49	" "	3580		CURTISS	SBH-31-910	L.H.																												X														
50	" "	3580		CURTISS	SBH-31-910	R.H.																												X														
	STRUTS - MAIN SHOCK CONT.																																																

REMARKS: LINE NUMBERS IN RED.

(**) (8, 10, 11, 12, 28, 30, 41, 44) LATER MODEL.

(*) (13, 14) TWO LUGS NOW WELDED ON ASSEMBLY MAKES R.H. AND L.H. EASILY INTERCHANGEABLE BY CHANGING TORQUE ARMS TO OPPOSITE LUGS. ON EARLY ASSEMBLIES OF THIS MODEL, IT IS NECESSARY TO USE REMOVABLE COLLARS, R.H. AND L.H., TO CHANGE TORQUE ARMS.

(*) (17, 18, 19, 20) CAN BE USED ONLY ON FIRST 211 B-26B-1 AIRPLANES.

(A) (18, 20) LATER MODEL.

(*) (31, 32, 33, 34) CHANGE TORQUE ARMS TO OPPOSITE LUGS FOR L.H. AND R.H. INTERCHANGEABILITY.

(A) (37, 40) LATER MODEL.

(*) (45, 46, 47, 48) INTERCHANGEABLE WITH CLEV. P.T. SHOCK STRUT No. 8132 PLUS SOCKET NO. 8133.

(A) (46, 48) LATER MODEL.

	FIGHTERS																						CARGO															TRAINERS																																		
	P-39L BE	P-39M BE	P-39N BE	P-39Q BE	P-39J BE	P-40E CU	P-40F CU	P-40K CU	P-40L CU	P-40M CU	P-40N CU	RP-47B RE	P-47C RE	P-47D RE	P-47G CU	P-51 NA	P-51A NA	P-51B NA	P-51C NA	P-51D NA	P-61A NO	P-63A BE	UC-45 BH	C-46A CU	C-47 DO	C-47A DO	C-53 DO	C-53D DO	C-54A DO	C-57D LO	C-60A LO	UC-61A FA	UC-64A ND	UC-78 CE	UC-78B CE	UC-78C CE	C-87 CO	AT-6A NA	AT-6B NA	AT-6C NA	AT-6D NA	AT-7 BH	AT-9 CU	AT-9A CU	AT-10 BH	AT-11 BH	AT-16 ND	AT-17 CE	AT-17A CE	AT-17B CE	AT-17C CE	AT-17D CE	AT-18 LO	AT-21-FA	BT-12 FL	BT-13A VU	BT-14 NA	BT-15 VU	PT-13B BO	PT-13D BO	PT-17 BO	PT-17A BO	PT-19A FA	PT-19B FA	PT-22 RY	PT-23 HO	PT-23 SL	PT-23 FL	PT-23 AE	PT-27 BO		
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REMARKS:

INTERCHANGEABILITY BETWEEN RED LINES. DO NOT CROSS A RED LINE WHEN DETERMINING VERTICAL INTERCHANGEABILITY.

	CLASS 03-6 DESCRIPTION	FLUID SPEC.	STROKE	VENDOR	PART NO.	TYPE	HEAVY BOMBERS: B-17E BO	B-17F BO	B-17F DO	B-17F VE	B-17G DO	B-24D CO	B-24E CO	B-24E DO	B-24E FO	B-24G NA	B-24H FO	B-24H CO	B-24H DO	B-25C NA	MEDIUM BOMBERS: B-25D NA	B-25G NA	B-25H NA	B-26B MA	B-26B1 MA	B-26C MA	RB-34 VE	LIGHT BOMBERS: A-20B DO	A-20C BO	A-20C DO	A-20G DO	A-24A DO	A-24B DO	A-25A CU	A-28A LO	A-29 LO	A-29A LO	A-30A MA	A-35A VU	A-35B VU	A-36A NA	FIGHTERS: P-38E LO	P-38F LO	P-38G LO	P-38H LO	P-38J LO	P-38K LO	P-39D BE	P-39F BE	P-39K BE
1	STRUTS - MAIN SHOCK CONT.																																																
2																																																		
3		3586	10"	CLEV. P. T.	XY450LB	L.H.																												X	X	X													
4		3586	10"	CLEV. P. T.	XY450LB	R.H.																												X	X	X													
5		3586	10"	CLEV. P. T.	8369 (**)	L.H.																												X	X	X													
6		3586	10"	CLEV. P. T.	8369 (**)	R.H.																												X	X	X													
7		3586	10"	LOCKHEED	55015	L.H.																												X	X	X													
8		3586	10"	LOCKHEED	55015	R.H.																												X	X	X													
9		3580		CLEV. P. T.	8367 (**)	L.H.																															X													
10		3580		CLEV. P. T.	8367 (**)	R.H.																															Y													
11																																																	
12																																																	
13		3580		U. A. P.	52155 (*)	L.H.																																X	X												
14		3580		U. A. P.	52155 (*)	R.H.																																X	X												
15		3580	8"	BENDIX	66737 (**)	L.H.																																		X											
16		3580	8"	BENDIX	65514	L.H.																																		X											
17		3580	8"	BENDIX	66738 (**)	R.H.																																		X											
18		3580	8"	BENDIX	65515	R.H.																																		X											
19		3580	10"	MENASCO	661010	L.H.																																					X	X	X	X	X	X			
20		3580	10"	MENASCO	661029 (**)	L.H.																																					X	X	X	X	X	X			
21		3580	10"	MENASCO	661010	R.H.																																					X	X	X	X	X	X			
22		3580	10"	MENASCO	661029 (**)	R.H.																																					X	X	X	X	X	X			
23																																																	
24		3580	8"	CLEV. P. T.	7946A (*)	L.H.																																											X	X	
25		3580	8"	DOWTY	8256A (*)	L.H.																																										X	X	X
26		3580	8"	CLEV. P. T.	8256 (*)	L.H.																																										Y	X	X
27		3580	8"	CLEV. P. T.	8256 (*)	R.H.																																										X	X	X
28		3580	8"	DOWTY	8256A (*)	R.H.																																										X	X	X
29																																																	
30		3580	8"	CLEV. P. T.	7946A (*)	R.H.																																											X	X	
31		3586	7"	CURTISS	87-31-910	L.H.																																												
32		3586	7"	CURTISS	87-311-1000 (**)	L.H.																																												
33		3586	7"	CURTISS	87-311-1000 (**)	R.H.																																												
34		3586	7"	CURTISS	87-31-910	R.H.																																												
35		3580	9"	CLEV. P. T.	8123 (*)	L.H.																																												
36		3580	9"	CLEV. P. T.	8123A (*)	L.H.																																												
37		3580	9"	MENASCO	8123A (*)	L.H.																																												
38		3580	9"	CLEV. P. T.	8123B (A)(++)	L.H.																																												
39		3580	9"	CLEV. P. T.	8123 (*)	R.H.																																												
40		3580	9"	MENASCO	8123A (*)	R.H.																																												
41		3580	9"	CLEV. P. T.	8123A (*)	R.H.																																												
42		3580	9"	CLEV. P. T.	8123B (A)(++)	R.H.																																												
43		3580	8"	BENDIX	67270	L.H.																																												
44		3580	8"	BENDIX	67271	R.H.																																												
45		3580		BENDIX	66300	L.H.																																												
46		3580		BENDIX	66301	R.H.																																												
47		3580	8-3/4"	U. A. P.	51045	L.H.																																												
48		3580	8-3/4"	"	51045	R.H.																																												
49																																																	
50	STRUTS - MAIN SHOCK CONT.																																																

REMARKS: LINE NUMBERS IN RED.

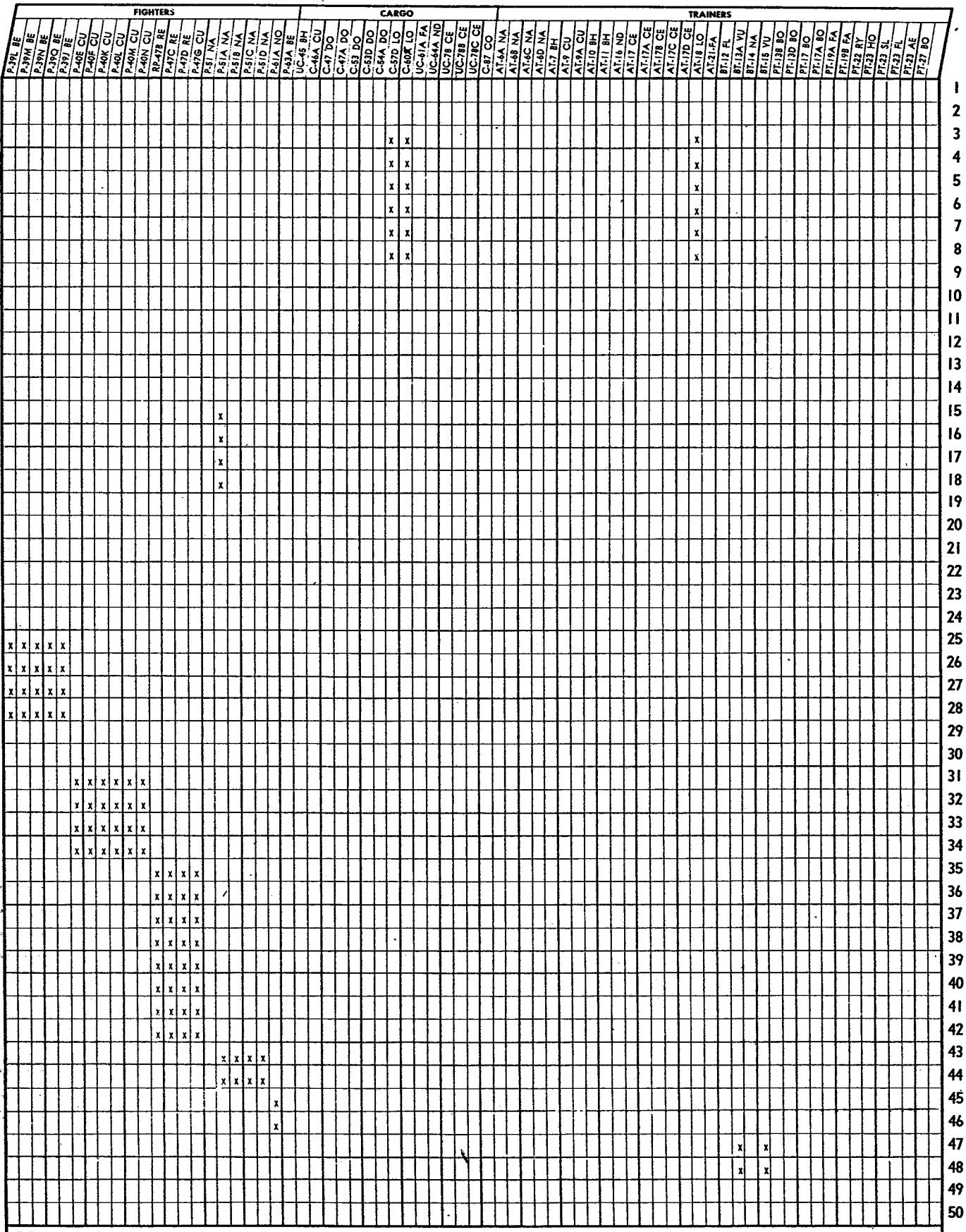
(**) (5, 6, 9, 10, 15, 17, 20, 22, 32, 33, 38, 42) LATER MODEL.

(*) (13, 14) PROCUREMENT ITEMS - VULTEE NO. 88-40010 L.H. AND NO. 88-40010 R.H. - HAS U.A.P. STRUT PLUS BRACKETS AND LUGS - WELD JOB.

(*) (24, 25, 26, 27, 28, 30) NO. 8256 OR NO. 8256A CAN REPLACE NO. 7946A, BUT NO. 8256 AND NO. 8256A NOT TO BE REPLACED BY NO. 7946A.

(*) (35, 36, 36, 37, 39, 40, 41) INTERCHANGEABLE IN SETS ONLY.

(A) (38, 42) INTERCHANGEABLE IN SETS ONLY.


FIGHTERS
CARGO
TRAINERS
P-39L BE
P-39M BE
P-39N BE
P-39Q BE
P-39Z BE
P-40E CU
P-40F CU
P-40K CU
P-40L CU
P-40M CU
P-40N CU
RP-47B RE
P-47C RE
P-47D RE
P-47G CU
P-51 NA
P-51A NA
P-51B NA
P-51C NA
P-51D NA
P-61A NO
P-63A BE
UC-45 BH
C-46A CU
C-47 DO
C-47A DO
C-53 DO
C-53D DO
C-54A DO
C-57D LO
C-60K LO
UC-61A FA
UC-64A ND
UC-78 CE
UC-78B CE
UC-78C CE
C-87 CO
AT-6A NA
AT-6B NA
AT-6C NA
AT-6D NA
AT-7 BH
AT-9 CU
AT-9A CU
AT-10 BH
AT-11 BH
AT-16 ND
AT-17 CE
AT-17A CE
AT-17B CE
AT-17C CE
AT-17D CE
AT-18 LO
AT-21 FA
BT-12 FL
BT-13A VU
BT-14 NA
BT-15 VU
PT-13B BO
PT-13D BO
PT-17 BO
PT-17A BO
PT-19A FA
PT-19B FA
PT-22 RY
PT-23 HO
PT-23 SL
PT-23 FL
PT-23 AE
PT-27 BO

REMARKS:

INTERCHANGEABILITY BETWEEN RED LINES. DO NOT CROSS A RED LINE WHEN DETERMINING VERTICAL INTERCHANGEABILITY.

	DESCRIPTION	FLUID SPEC.	STROKE	VENDOR	PART NO.	TYPE
1	STRUTS, MAIN SHOCK CONT.					
2						
3	CLASS 03-G	3580	7"	CLEV. P.T.	8271	L.H.
4	" "	3580	7"	CLEV. P.T.	8271	R.H.
5	" "	3580		NATIONAL PNEUMATIC	8271C	L.H.
6	" "	3580		NATIONAL PNEUMATIC	8271C	R.H.
7	" "	3580		NATIONAL PNEUMATIC	8271D (**)	L.H.
8	" "	3580		NATIONAL PNEUMATIC	8271D (**)	R.H.
9	" 01-H	3580	8"	BEECH	188400	L.H.
10	" "	3580	8"	BEECH	J88400	R.H.
11	" 03-G	3580	14 1/2"	OTIS ELEV. CO.	8107	L.H.
12	" "	3580	14 1/2"	CLEV. P.T.	8250 (**)	L.H.
13	" "	3580	14 1/2"	CLEV. P.T.	8250 (**)	R.H.
14	" "	3580	14 1/2"	OTIS ELEV. CO.	8107	R.H.
15	" "	3580	10"	BENDIX	65900 (*)	L.H.
16	" "	3580	10"	BENDIX	65900 (*)	R.H.
17	" "	3580	10"	BENDIX	53585 (*)	L.H.
18	" "	3580	10"	BENDIX	53585 (*)	R.H.
19	" "	3580		CLEV. P.T.	8065 (*)	L.H.
20	" "	3580		CLEV. P.T.	8065 (*)	R.H.
21	" "	3580		CLEV. P.T.	8065A (**)	L.H.
22	" "	3580		CLEV. P.T.	8065A (**)	R.H.
23	" "	3580	8"	BENDIX	65000	L.H.
24	" "	3580	8"	BENDIX	65000	R.H.
25	" "	3580	7 1/2"	BENDIX	65810 (**)	L.H.
26	" "	3580	7 1/2"	BENDIX	65172	L.H.
27	" "	3580	7 1/2"	CLEV. P.T.	8073	L.H.
28	" "	3580	7 1/2"	CLEV. P.T.	8073	R.H.
29	" "	3580	7 1/2"	BENDIX	65811 (**)	R.H.
30	" "	3580	7 1/2"	BENDIX	65173	R.H.
31	" "	3580		REED ROLLER BIT	500727	L.H.
32	" "	3580		REED ROLLER BIT	500727-1	R.H.
33	" "	3580	8 1/2"	CLEV. P.T.	8095A	L.H.
34	" "	3580	8 1/2"	CLEV. P.T.	8095B	L.H.
35	" "	3580	8 1/2"	CLEV. P.T.	8095D	L.H.
36	" "	3580	8 1/2"	CLEV. P.T.	8342	L.H.
37	" "	3580	8 1/2"	CLEV. P.T.	8349 (**)	L.H.
38	" "	3580	8 1/2"	CLEV. P.T.	8095A	R.H.
39	" "	3580	8 1/2"	CLEV. P.T.	8095B	R.H.
40	" "	3580	8 1/2"	CLEV. P.T.	8095D	R.H.
41	" "	3580	8 1/2"	CLEV. P.T.	8342	R.H.
42	" "	3580	8 1/2"	CLEV. P.T.	8349 (**)	R.H.
43	" "	3580		CLEV. P.T.	8264	L.H.
44	" "	3580		CLEV. P.T.	8294	R.H.
45	" "	3580		DOWTY	8249	L.H.
46	" "	3580		DOWTY	8249	R.H.
47	" 01-G	3580		NOORDUYN	16-33102	L.H.
48	" "	3580		NOORDUYN	16-33102-1	R.H.
49						
50						

HEAVY BOMBERS: B-17E BO; B-17F BO; B-17F DO; B-17F VE; B-17G DO; B-24D CO; B-24E CO; B-24E DO; B-24E FO; B-24G NA; B-24H FO; B-24H CO; B-24H DO

MEDIUM BOMBERS: B-25C NA; B-25D NA; B-25G NA; B-25H NA; B-26B MA; B-26B1 MA; B-26C MA; RB-34 VE

LIGHT BOMBERS: A-20B DO; A-20C BO; A-20C DO; A-20G DO; A-24A DO; A-24B DO; A-25A CU; A-28A LO; A-29 LO; A-29A LO; A-30A MA; A-35A VU; A-35B VU; A-36A NA

FIGHTERS: P-38E LO; P-38F LO; P-38G LO; P-38H LO; P-38J LO; P-38K LO; P-39D BE; P-39F BE; P-39K BE

REMARKS: LINE NUMBERS IN RED.

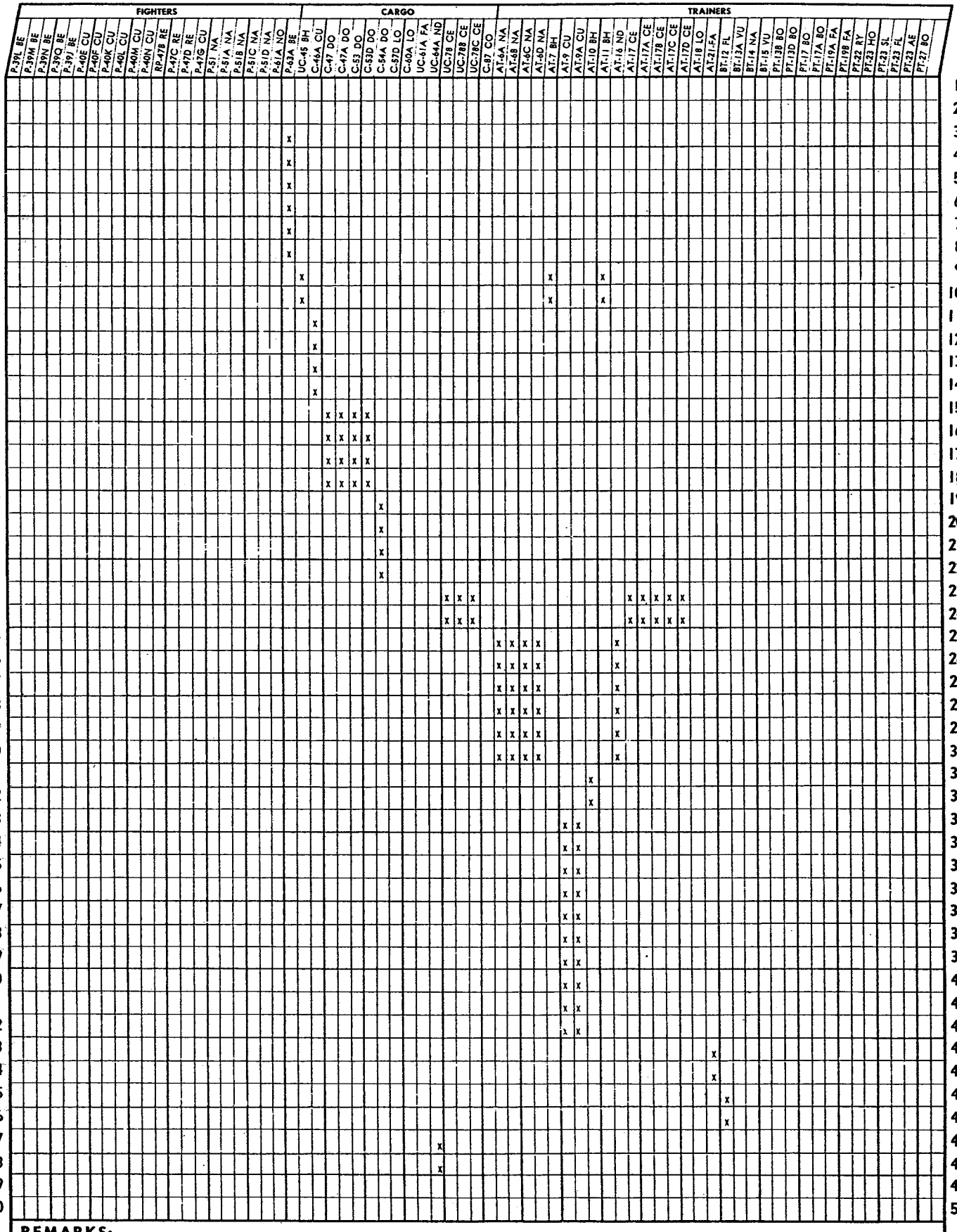
(**) (7, 8, 12, 13, 21, 22, 25, 29, 37, 42) LATER MODEL.

(*) (15, 16) ORIGINAL FOR C-47 AIRPLANE. ON C-47 AIRPLANE USE BENDIX CAP PART NO. 65902, AND KEY, PART NO. 65903, WHEN USING STRUT NO. 53585.

(*) (17, 18) ORIGINAL FOR C-53 AND C-53D AIRPLANES. WHEN USING STRUT, PART NO. 65900, USE BENDIX CAP, PART NO. 53438 AND KEY, PART NO. 53443 ON C-53 AND C-53D AIRPLANES.

(*) (19, 20) LOWER TERMINAL PART NO. 8065-12 AND NO. 8065-85 MUST BE REPLACED BY PART NO. 8065A-12 AND NO. 8065A-85.

T. O. No. 00-25-29



REMARKS:

INTERCHANGEABILITY BETWEEN RED LINES. DO NOT CROSS A RED LINE WHEN DETERMINING VERTICAL INTERCHANGEABILITY

	DESCRIPTION	FLUID SPEC.	STROKE	VENDOR	PART NO.	TYPE
1	STRUTS - MAIN SHOCK CONT.					
2						
3	CLASS 03-G	3580	6"	CLEV. P.T.	7636	L.H.
4	" "	3580	6"	CLEV. P.T.	7636	R.H.
5	" "	3580	6"	BENDIX	65560	L.H.
6	" "	3580	6"	BENDIX	65560	R.H.
7	" 01-P	3580	6"	STEARMAN	75-3631	L.H.
8	" "	3580	6"	STEARMAN	75-3631	R.H.
9	" 01-R	3586		FAIRCHILD	61126	L.H.
10	" "	3586		FAIRCHILD	61126	R.H.
11	" 01-I	3580	6 7/16"	RYAN	L-1035 (*)	L.H.
12	" "	3580	6 7/16"	RYAN	L-1035 (*)	R.H.
13	" "	3580	6 7/16"	RYAN	L-1213 (*)	L.H.
14	" "	3580	6 7/16"	RYAN	L-1213 (*)	R.H.
15	" 03-G	3580	6 7/16"	BENDIX LIMITED	400410 (*)	L.H.
16	" "	3580	6 7/16"	BENDIX LIMITED	400410 (*)	R.H.
17	" "	3580		CLEV. P.T.	XY325N	L.H.
18	" "	3580		CLEV. P.T.	XY325N	R.H.
19						
20	STRUTS - NOSE SHOCK					
21	CLASS 03-G	FLUID SPEC.	STROKE			
22	" "	3580	14"	BENDIX	67451 (**)	
23	" "	3580	14"	BENDIX	66157	
24	" "	3580	14"	BENDIX	65681	
25	" "	3580	14"	BENDIX	54206	
26	" "	3580	10"	BENDIX	67200 (*)	
27	" "	3580	10"	BENDIX	67250 (**)	
28	" "	3580	10"	BENDIX	65928	
29	" "	3580	10"	BENDIX	54484	
30	" "	3580	10"	BENDIX	66950 (A)(**)	
31	" "	3580	10"	BENDIX	65270 (*)	
32	" "	3580	10"	BENDIX	66340	
33	" "	3580	11"	HUGHES	8201 (*)	
34	" "	3580	11"	CLEV. P.T.	8201 (*)	
35	" "					
36	" "	3580	11"	DELCO	8236A (*)	
37	" "	3580	11"	HUGHES	8236A (*)	
38	" "	3580	11"	CLEV. P.T.	8236A (*)	
39	" "	3580	10"	CLEV. P.T.	7904 (*)	
40	" "	3580		CLEV. P.T.	8272 (*)	
41	" "	3580		B.F. GOODRICH	8272 (*)	
42	" "	3580		CLEV. P.T.	8066A	
43	" "	3580		CLEV. P.T.	8210A	
44	" "	3580		CLEV. P.T.	82108 (**)	
45	" 01-L	3580		LOCKHEED	235167-500	
46	" 03-G	3580		MENASCO	661011	
47	" 01-T	3580	10"	BELL	12-521-002 (*)	
48	" "	3580	10"	BELL	14-511-502-1 (*)	
49						
50	STRUTS, NOSE SHOCK CONT.					

	HEAVY BOMBERS															MEDIUM BOMBERS										LIGHT BOMBERS																				FIGHTERS									
	B-17E BO	B-17F BO	B-17F DO	B-17F VE	B-17G DO	B-24D CO	B-24E CO	B-24E DO	B-24E FO	B-24G NA	B-24H FO	B-24H CO	B-24H DO	B-25C NA	B-25D NA	B-25G NA	B-25H NA	B-26B MA	B-26B1 MA	B-26C MA	RB-34 VE	A-20B DO	A-20C BO	A-20C DO	A-20G DO	A-24A DO	A-24B DO	A-25A CU	A-28A LO	A-29 LO	A-29A LO	A-30A MA	A-35A VU	A-36B VU	A-36A NA	P-38E LO	P-38F LO	P-38G LO	P-38H LO	P-38J LO	P-38K LO	P-39D BE	P-39F BE	P-39K BE
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24						X	X	X	X	X	X	X	X																																								
25						X	X	X	X	X	X	X	X																																								
26														X	X	X	X																																			
27														X	X	X	X																																			
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REMARKS: LINE NUMBERS IN REM.

(*) (3, 4, 5, 6, 7, 8) FLUID SPECIFICATION USED ON PT-13 AIRPLANE STRUT SHOULD BE OBSERVED - SOME REQUIRE NO. 3586.

(*) (11, 12) TO BE USED ON PT-22 AIRPLANES, SERIAL NO. 1-1305 INCLUSIVE AND ON PT-22 AIRPLANES WITH PROPELLER OF, OR LESS THAN 90 INCHES IN DIAMETER.

(*) (13, 14) TO BE USED ON AIRPLANES SERIAL NO. 1306 AND UP, AND FOR REPLACEMENT ON PRECEDING SERIAL NUMBER AIRPLANES HAVING A PROPELLER DIAMETER LARGER THAN 90 INCHES.

(*) (15, 16) SAME AS RYAN L-1035.

(**) (22, 27, 30, 44) LATER MODEL.

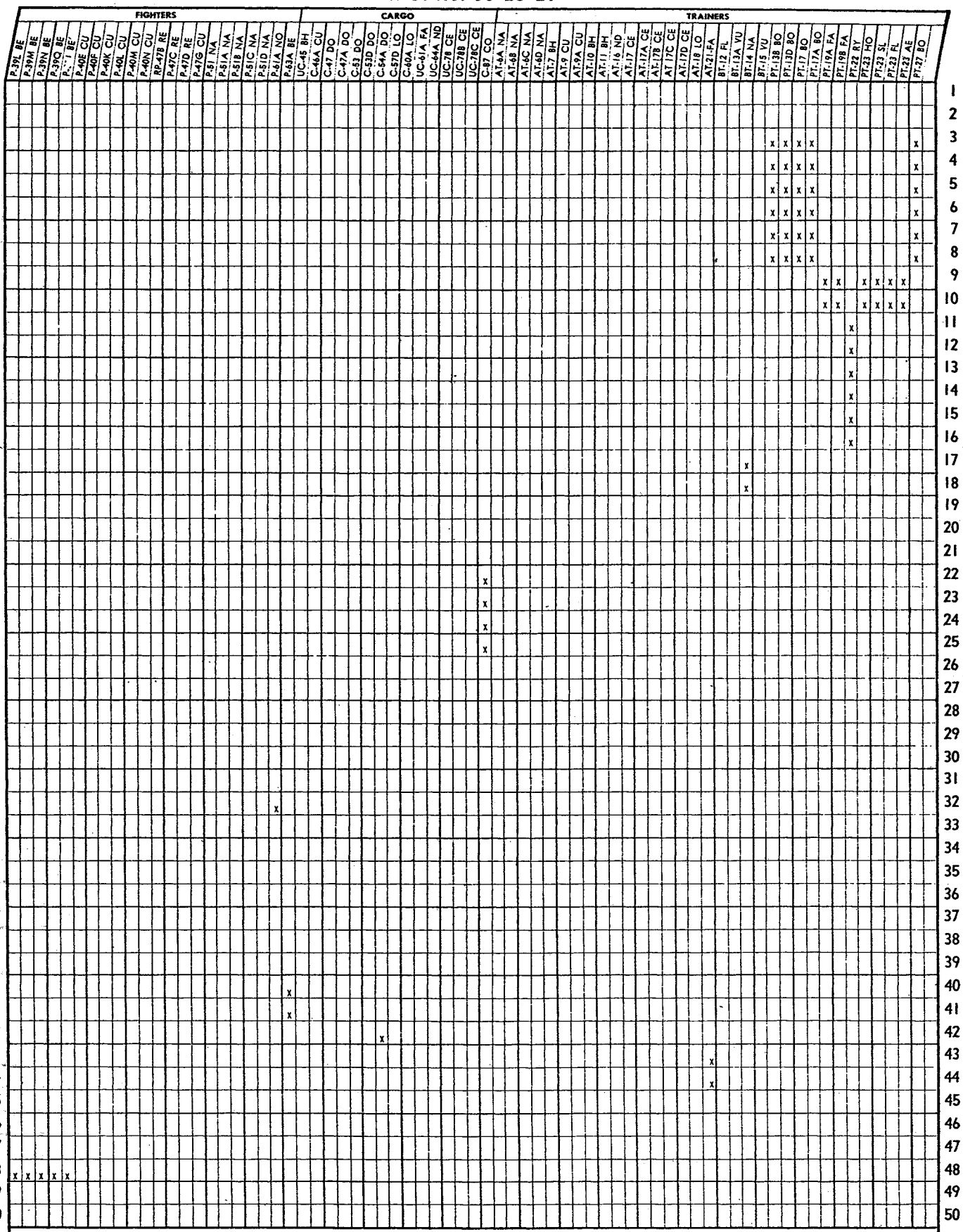
(*) (26) LATEST PART NUMBER FOR SPARE ASSEMBLY.

(A) (30) SAME AS DOUGLAS PART NO. 5062531-501.

(*) (31, 39) SAME AS DOUGLAS PART NO. 5062531-500.

(*) (33, 34) CANNOT BE REPAIRED IN FIELD - PRESS FITTINGS.

(*) (36, 37, 39) NO. 8236A REWORKED - AFT END OF WHEEL WELD FOR CLEARANCE CAM REPLACE NO. 8201.



REMARKS: LINE NUMBERS IN RED.

(*) (40, 41) NO. 8272 SHOCK STRUT ONLY - FORK AND AXLE FURNISHED BY BELL.

(*) (47) ASSY 12-521-002 CONTAINS CLEV. P.T. SHOCK STRUT NO. 7945A - REQUIRES FORK - BELL PART NO. 12-521-003.

(*) (48) ASSY 14-511-502-1 CONTAINS CLEV. P.T. SHOCK STRUT NO. 8236A - REQUIRES FORK - BELL PART NO. 12-521-003 OR NO. 14-521-503.

INTERCHANGEABILITY BETWEEN RED LINES. DO NOT CROSS A RED LINE WHEN DETERMINING VERTICAL INTERCHANGEABILITY.

	DESCRIPTION	FLUID SPEC.	STROKE	VENDOR	PART NO.	TYPE	HEAVY BOMBERS: B-17E BO	B-17F BO	B-17F DO	B-17F VE	B-17G DO	B-24D CO	B-24E CO	B-24E DO	B-24E FO	B-24G NA	B-24H FO	B-24H CO	B-24H DO	MEDIUM BOMBERS: B-25C NA	B-25D NA	B-25G NA	B-25H NA	B-26B MA	B-26B1 MA	B-26C MA	RB-34 VE	LIGHT BOMBERS: A-20B DO	A-20C BO	A-20C DO	A-20G DO	A-24A DO	A-24B DO	A-25A CU	A-28A LO	A-29 LO	A-29A LO	A-30A MA	A-35A VU	A-35B VU	A-36A NA	FIGHTERS: P-38E LO	P-38F LO	P-38G LO	P-38H LO	P-38J LO	P-38K LO	P-39D BE	P-39E BE	P-39K BE	
1	STRUTS, TAIL SHOCK																																																	1
2																																																			2
3	CLASS 03-G	3580	11 7/16"	CLEV. P.T.	8117		X	X	X	X	X																																								3
4	" "	3580		CLEV. P.T.	7829																												X	X																		4
5	" "	3586	8 1/2"	CLEV. P.T.	B250LA																															X	X	X													5
6	" "	3580	5 5/16"	CLEV. P.T.	8093A																																														6
7	" "	3580	5 5/16"	MENASCO	8093A																																														7
8	" "	3580	5 5/16"	AMERICAN BANTAM C.C.	8093A																																														8
9	" "	3580	6 5/16"	CLEV. P.T.	8108	(*)																																														9
10	" "	3580	6 5/16"	OTIS ELEV.	8108	(*)																																														10
11	" "	3580		CLEV. P.T.	8340																																														11
12	" "	3580	10 1/2"	CLEV. P.T.	8130																																														12
13	" "	3580		CLEV. P.T.	8260																																														13
14	" "	3580	6"	CLEV. P.T.	B125ST-13																																														14
15	" "	3580	8"	CLEV. P.T.	B120N																																														15
16	" "	3580		CLEV. P.T.	8277	(*)																																													16
17	" "	3580		BENDIX LIMITED	400492																								X																						17
18	" "	3580	8 1/2"	BENDIX LIMITED	53895																																														18
19	CLASS 01-G	3580	8 1/2"	NORDUYN	53895																																														19
20	" 03-G	3580	8 1/2"	BENDIX	53895																																														20
21	" 01-F	3580	11 7/16"	BOEING	8-1285		X	X	X	X	X																																								21
22	" 01-L	3580		LOCKHEED	661016																							X																						22
23	" 03-G	3580		U.A.P.	41025																												X	X																23
24	" 01-C	3580		CURTISS	S84-37-510																															X															24
25	" 01-L	3580	8 1/2"	LOCKHEED	55016																																X	X	X													25
26	" 03-G	3580		U.A.P.	41356																																			X	X										26
27	" 01-M	3580	7 1/2"	N. AMER.	91-34102																																						X									27
28	" 03-G	3580	3 1/4"	AXELSON	5115222																																														28
29	" 03-G	3580	3 1/4"	AXELSON	5044046																																														29
30	" 01-R	3586		FAIRCHILD	43196	(*)																																													30
31	" 01-H	3580	8"	BEECH	188600																																														31
32	" 01-C	3580	9 1/2"	CURTISS	25-361-500																																															32
33	" 01-H	3580		BEECH	503532																																														33
34	" 03-G	3580	6"	BENDIX	65561																																															34
35	" 01-R	3586		FAIRCHILD	61317																																															35
36	" 03-G	3580	7"	U.A.P.	41060																																															36
37	" 01-Q	3580	7"	VULTEE	63-46015																																															37
38	" 01-S	3580	5 26/32"	CESSNA	54805																																															38
39	" 01-I	3580	4 5/8"	RYAN	L-1006																																															39
40																																																			40
41																																																			41
42	CLASS 02-B BRAKES - LANDING GEAR WHEEL																																																		42
43			20 x 2 3/4	HAYES	H2-257-1	E.T.	• X	X																																													43
44			20 x 2 3/4	HAYES	H2-76M	E.T. INBD.						• X	• X																																								44
45			20 x 2 3/4	HAYES	H2-109M	E.T. OUTBD.						• X	• X																																								45
46			20 x 2 3/4	HAYES	H2-258-1	E.T. INBD.		X	X	X	X	• X	• X	• X	• X	X	X	X	X																																	46
47			20 x 2 3/4	HAYES	H2-259-1	E.T. OUTBD.		X	X	X	X	• X	• X	• X	• X	X	X	X	X																																	47
48			12.7 x 14	GOODYEAR	510675	DISC.														X	X	X	X	X																												48
49			12.7 x 14	GOODYEAR	511031M	DISC.																			X	X																										49
50	BRAKES - LANDING GEAR WHEEL CONT.																																																	50

REMARKS: LINE NUMBERS IN RED.

(*) (9, 10) SAME AS CURTISS NO. 20-361-1000.

(*) (16) COMPLETE ASSEMBLY - CONTAINS SHOCK STRUT NO. 8260.

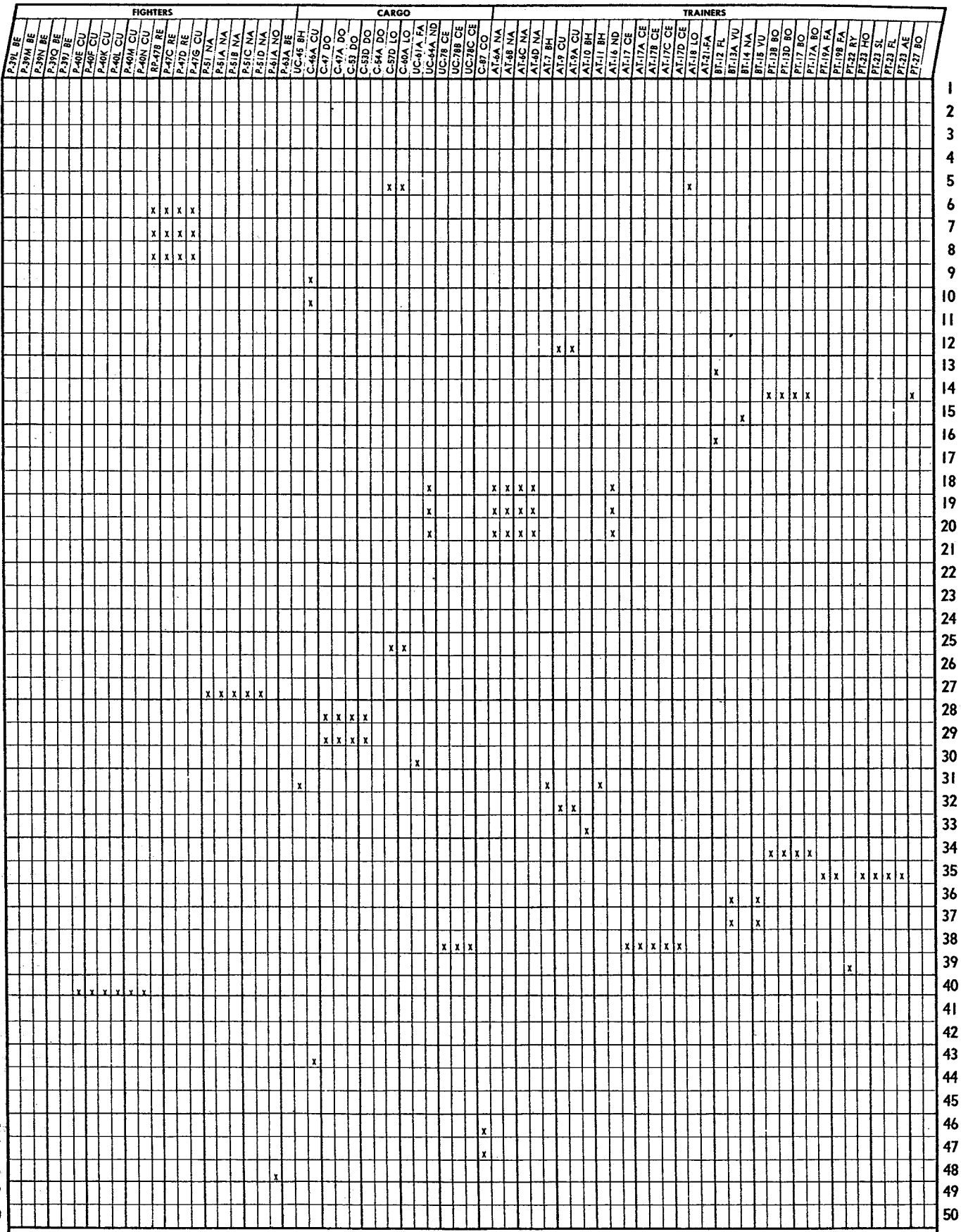
(*) (30) SHOCK STRUT NO. 43207 AND FORK NO. 43167. NO. 43196 STANDARD FOR 8 INCH WHEEL; NO. 43196-1 FOR 10 INCH WHEEL.

(*) (43) REPLACES NO. H2-117 BRAKE ON B-17E - PER T.O.

(*) (44, 45) INSTALLED ON B-24D'S PRIOR TO SERIAL NO. 42-40141 AND ON FORD B-24E PRIOR TO NO. 42-4044 AND ON CONSOLIDATED PRIOR TO NO. 41-29009.

(*) (46, 47) INSTALLED ON B-24D AND E AIRPLANES EXCEPT AS NOTED UNDER LINES 44 AND 45.

T. O. No. 00-25-29



REMARKS:

VERTICAL INTERCHANGEABILITY BETWEEN RED LINES. DO NOT CROSS A RED LINE WHEN DETERMINING VERTICAL INTERCHANGEABILITY.

	DESCRIPTION	VENDOR	PART NO.	TYPE	B-17E BO	B-17F BO	B-17F DO	B-17F VE	B-17G DO	B-24D CO	B-24E CO	B-24E DO	B-24E FO	B-24G NA	B-24H FO	B-24H CO	B-24H DO	B-25C NA	B-25D NA	B-25G NA	B-25H NA	B-26B MA	B-26B1 MA	B-26C MA	B-34 VE	A-20B DO	A-20C BO	A-20C DO	A-20G DO	A-24A DO	A-24B DO	A-25A CU	A-28A LO	A-29 LO	A-29A LO	A-30A MA	A-35A VU	A-36A NA	P-38E LO	P-38F LO	P-38G LO	P-38H LO	P-38J LO	P-38K LO	P-39D BE	P-39F BE	P-39K BE
1	CLASS 03-B BRAKES - LANDING GEAR WHEEL CONT																																														
2	12.7 x 9	GOODYEAR	510581	DISC.																				X																							
3	12.7 x 16	GOODYEAR	731946M or A	DISC.																					X	X	X	X																			
4	13 x 2 1/2	HAYES	H2-256 L.H. R.H.	HYD.																									• X	• X																	
5	13 x 2 1/2	BENDIX	57498	HYD.																									• X	• X																	
6	12.7 x 7	GOODYEAR	510623M	DISC.																											X																
7	12.7 x 9	GOODYEAR	510021M	DISC.																												X	X	X													
8	13 x 3	HAYES	H2-174	E.T.																															X												
9	12.7 x 9	GOODYEAR	510594M	DISC.																																X	X										
10	7.6 x 11	GOODYEAR	531771M	DISC.																																		X									
11	12.7 x 9	GOODYEAR	510594	DISC.																																			X	X	X	X	X	X				
12	7.6 x 11	GOODYEAR	510548	DISC.																																									X	X	X
13	12 x 3/4	HAYES	H2-194 L.H. R.H.	HYD.																																											
14	14 x 4	BENDIX	57495	HYD.																																											
15	7.6 x 14	GOODYEAR	511124M	DISC.																																										
16	13 x 2 1/2	BENDIX	55941																																											
17	14 x 3	BENDIX	57584	HYD.																																										
18	14.5 x 9	FIRESTONE	511064MS	HYD.																																										
19	12.7 x 6	GOODYEAR	510595	DISC.																																										
20	9 x 1 1/2	HAYES	G2-67	E.T.																																										
21	9 x 2 LESS FAIRING	HAYES	G2-210-1	E.T.																																										
22	11 x 2	HAYES	G2-97 L.H. R.H.	HYD.																																										
23	6.7 x 10	GOODYEAR	731799	DISC.																																										
24	12 x 2 1/4	HAYES	H2-99	HYD.																																										
25	11 x 2 1/2	BENDIX	57270	HYD.																																										
26	13 x 2 1/2	BENDIX	55941	HYD.																																										
27	14.50	BENDIX	58976	DISC.																																										
28	10 x 1/2	BENDIX	57863 L.H. R.H.	SHOE																																										
29	10 x 1 1/2	BENDIX	51582 L.H.																																											
30	10 x 1 1/2	BENDIX	51583 R.H.																																											
31	9 x 1 1/2	HAYES	G2-122																																											
32	6"	FIRESTONE	6CA94 L.H. 6CA95 R.H.	HYD.																																										
33	11 x 3	HAYES	H2-288 L.H. R.H.	HYD.																																										
34		GENERAL	203-A-660																																											
35																																														
36	CLASS 03-B WHEELS - MAIN LANDING GEAR																																													
37	55 x 19.00-23 LOW PRESSURE	HAYES	H3-322		X	X																																								
38	55 x 19.00-23 LOW PRESSURE	HAYES	H3-205		• X	• X																																								
39	55 x 19.00-23 LOW PRESSURE	HAYES	H-38M		• X	• X																																								
40	56" TYPE III -SMOOTH CONTOUR	HAYES	H3-101M			X	• X	• X	• X	X	X	X	X	X	X	X	X																													
41	47" TYPE II- SMOOTH CONTOUR	GOODYEAR	530005															X	X	X	X	X	X																								
42	49 x 17.00-20 LOW PRESSURE	GOODYEAR	530402M																					X	X																						
43	44 x 16.00-16 LOW PRESSURE	GOODYEAR	530109																						X																						
44	44" TYPE II - SMOOTH CONTOUR	GOODYEAR	731943M																							X	X	X	X																		
45	30 x 7 HIGH PRESSURE	BENDIX	57499																										• X	• X																
46	30 x 7 HIGH PRESSURE	HAYES	G3-235																										• X	• X																
47	34 x 9.16 LOW PRESSURE	GOODYEAR	530244M																												X															
48	42 x 15.00-16 LOW PRESSURE	GOODYEAR	277045																													X	X	X												
49	42 x 15.00-16 LOW PRESSURE	HAYES	H3-151M																																	X										
50	WHEELS - MAIN LANDING GEAR CONT.																																													

REMARKS: LINE NUMBERS IN RED.

(*) (4) SOME A-24A'S AND A-24B'S EQUIPPED WITH BENDIX BRAKES SERIAL NUMBERS NOT KNOWN.

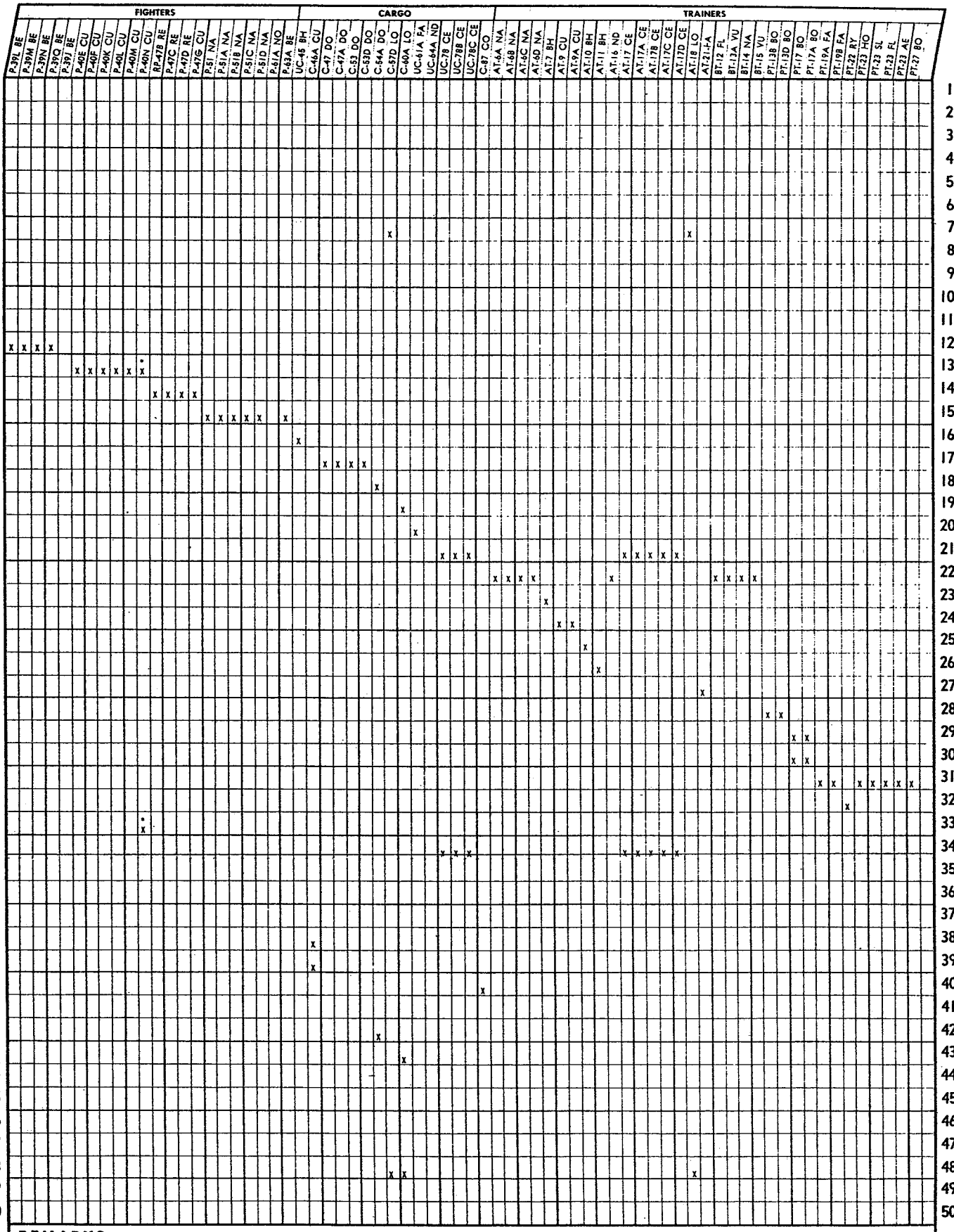
(*) (5) SOME A-24A'S AND A-24B'S EQUIPPED WITH HAYES BRAKES SERIAL NUMBERS NOT KNOWN.

(*) (38,39) USED ON EARLY MODELS.

(*) (40) INSTALLED ON B-17'S VEGA SERIAL NO. 42-5975 AND ON; DOUGLAS 42-3213 AND ON BOEING 42-30332.

(*) (45,46) SOME A-24A'S AND A-24B'S EQUIPPED WITH EITHER HAYES OR BENDIX WHEELS - SERIAL NUMBERS UNKNOWN.

T. O. No. 00-25-29



REMARKS: LINE NUMBERS IN RED.
(*) (33) USED ON SERIAL NOS. 43-24351 TO 43-24751 INCL.

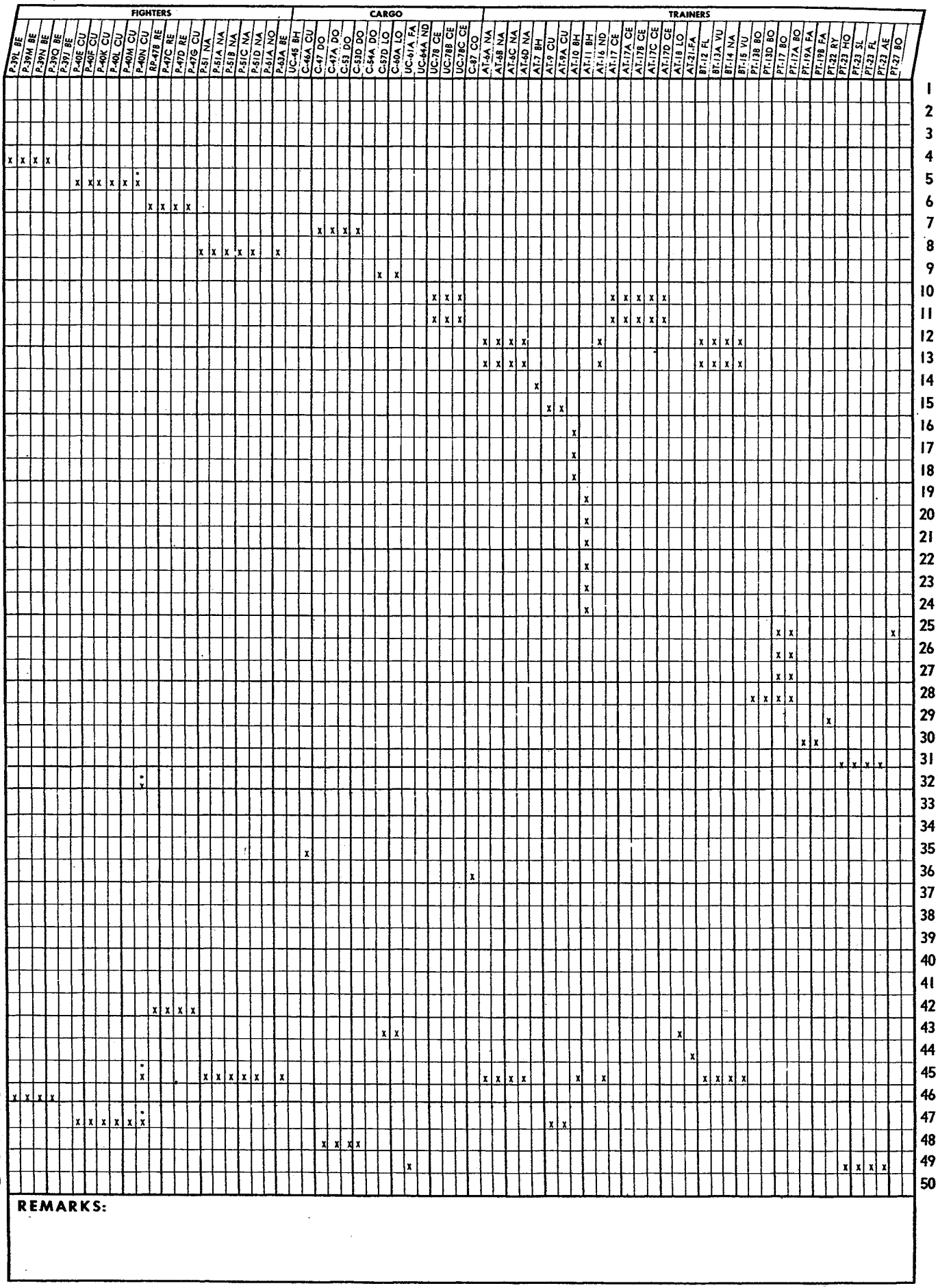
T. O. No. 00-25-29

INTERCHANGEABILITY BETWEEN RED LINES. DO NOT CROSS A RED LINE WHEN DETERMINING VERTICAL INTERCHANGEABILITY.

	DESCRIPTION	VENDOR	PART NO.	TYPE	B-17E BO	B-17F BO	B-17F DO	B-17F VE	B-17G DO	B-24D CO	B-24E CO	B-24E DO	B-24E FO	B-24G NA	B-24H FO	B-24H CO	B-24H DO	B-25C NA	B-25D NA	B-25G NA	B-25H NA	B-26B MA	B-26B1 MA	B-26C MA	RB-34 VE	A-20B DO	A-20C BO	A-20C DO	A-20G DO	A-24A DO	A-24B DO	A-25A CU	A-28A LO	A-29 LO	A-29A LO	A-30A MA	A-35A VU	A-35B VU	A-36A NA	P-38E LO	P-38F LO	P-38G LO	P-38H LO	P-38J LO	P-38K LO	P-39D BE	P-39F BE	P-39K BE
1	CLASS 03-B WHEELS - MAIN LANDING GEAR CONT.																																														
2	36" TYPE II SMOOTH CONTOUR	GOODYEAR	731029																																	X	X		X	X	X	X	X	X				
3	27" (SPECIAL) SMOOTH CONTOUR	GOODYEAR	530101M																																			X										
4	26 x 6 HIGH PRESSURE	GOODYEAR	530094M																																											X	X	X
5	30" TYPE II SMOOTH CONTOUR	HAYES	H3-159A																																													
6	34 x 9 HIGH PRESSURE	BENDIX	57045																																												
7	45 x 17.00-16 LOW PRESSURE	BENDIX	57386																																												
8	27" TYLE II SMOOTH CONTOUR	GOODYEAR	530441M																																													
9	42 x 15.00-16	GOODYEAR	530161																																												
10	7.50 x 10 LOW PRESSURE	GENERAL	203-A-657																																												
11	7.50 x 10 LOW PRESSURE	HAYES	G3-48A																																												
12	27" TYPE II SMOOTH CONTOUR	HAYES	G3-10																																												
13	27" TYPE II SMOOTH CONTOUR	HAYES	G3-40																																												
14	5" AIR WHEEL LOW PRESSURE	GOODYEAR	731802																																												
15	30" TYPE II SMOOTH CONTOUR	HAYES	H3-44A																																												
16	27" TYPE II SMOOTH CONTOUR	BENDIX	57000																																												
17	27" TYPE II SMOOTH CONTOUR	BENDIX	57224																																												
18	27" TYPE II SMOOTH CONTOUR	BENDIX	57351																																												
19	33" TYPE II SMOOTH CONTOUR	BENDIX	57679																																												
20	33" TYPE II SMOOTH CONTOUR	BENDIX	55902																																												
21	33" TYPE II SMOOTH CONTOUR	BENDIX	59180																																												
22	33" TYPE II SMOOTH CONTOUR	BENDIX	56808																																												
23	33" TYPE II SMOOTH CONTOUR	BENDIX	57382																																												
24	33" TYPE II SMOOTH CONTOUR	BENDIX	52933																																												
25	24" TYPE I STREAMLINE	HAYES	G3-170A																																												
26	24" TYPE I STREAMLINE	BENDIX	50548																																												
27	24" TYPE I STREAMLINE	BENDIX	52735																																												
28	24" TYPE I STREAMLINE	BENDIX	56372																																												
29	20 x 7.00-6 LOW PRESSURE	FIRESTONE	6CA81																																													
30	7.50 x 10 LOW PRESSURE	HAYES	G3-73A & M																																												
31	7.50 x 10 LOW PRESSURE	HAYES	G3-145A & M																																												
32	27" TYPE II SMOOTH CONTOUR	HAYES	G3-297M																																												
33																																															
34	CLASS 04-B CASINGS - MAIN WHEELS																																														
35	55 x 19.00-23 16 PLY		SPEC. 91-27		X	X																																									
36	56" SMOOTH CONTOUR 16 PLY		SPEC. AN-C-55			X	X	X	X	X	X	X	X	X	X	X	X																														
37	47" SMOOTH CONTOUR 12 PLY		SPEC. AN-C-55															X	X	X	X												X														
38	49" x 17.00-20 12 PLY		SPEC. AN-C-55A																			X	X	X																								
39	44" x 16.00-16 10 PLY																								X																							
40	44" SMOOTH CONTOUR 10 PLY		SPEC. AN-C-55																							X	X	X	X																			
41	30" x 17.00-16 8 PLY																													X	X																
42	34" x 9.16 10 PLY		SPEC. AN-C-55																														X														
43	42" x 15.00-16 10 PLY																																	X	X	X	X										
44	36" SMOOTH CONTOUR 10 PLY		SPEC. AN-C-55																																			X	X		X	X	X	X	X	X			
45	27" SMOOTH CONTOUR 8 PLY		SPEC. AN-C-55																																					X								
46	26" x 6.00-14 8 PLY		SPEC. AN-C-55																																											X	X	X
47	30" SMOOTH CONTOUR 8 PLY		SPEC. AN-C-55																																													
48	45 x 17.00-16 10 PLY		SPEC. AN-C-55																																													
49	22 x 6.50-10 6 PLY		SPEC. AN-C-55																																													
50	CASINGS - MAIN WHEELS CONT.																																														

REMARKS: LINE NUMBERS IN RED.

(*) (5) USED ON FIRST 400 AIRPLANES.
(*) (22) USED ON SERIAL NUMBERS 43-24351 TO 43-24754 INCLUSIVE.
(*) (46) USED ON P-40N'S, SERIAL #43-24351 TO #43-24751 INCLUSIVE.
(*) (47) USED ON P-40N'S, SERIAL #42-104429 TO #42-104828 INCLUSIVE.


FIGHTERS
CARGO
TRAINERS
P-39L BE
P-39M BE
P-39N BE
P-39Q BE
P-39J BE
P-40E CU
P-40F CU
P-40K CU
P-40L CU
P-40M CU
P-40N CU
RP-47B RE
P-47C RE
P-47D RE
P-47G CU
P-51 NA
P-51A NA
P-51B NA
P-51C NA
P-51D NA
P-51A NO
P-63A BE
UC-45 BH
C-46A CU
C-47 DO
C-47A DO
C-53 DO
C-54A DO
C-57D LO
C-60A LO
UC-61A FA
UC-64A ND
UC-78 CE
UC-78B CE
UC-78C CE
C-87 CO
AT-6A NA
AT-6B NA
AT-6C NA
AT-6D NA
AT-7 BH
AT-9 CU
AT-9A CU
AT-10 BH
AT-11 BH
AT-16 ND
AT-17 CE
AT-17A CE
AT-17B CE
AT-17C CE
AT-17D CE
AT-18 LO
AT-21-FA
BT-12 RL
BT-13A VU
BT-14 NA
BT-15 VU
PT-13B BO
PT-13D BO
PT-17 BO
PT-17A BO
PT-19A FA
PT-19B FA
PT-22 RY
PT-23 HO
PT-23 SL
PT-23 FL
PT-23 AE
PT-27 BO

REMARKS:

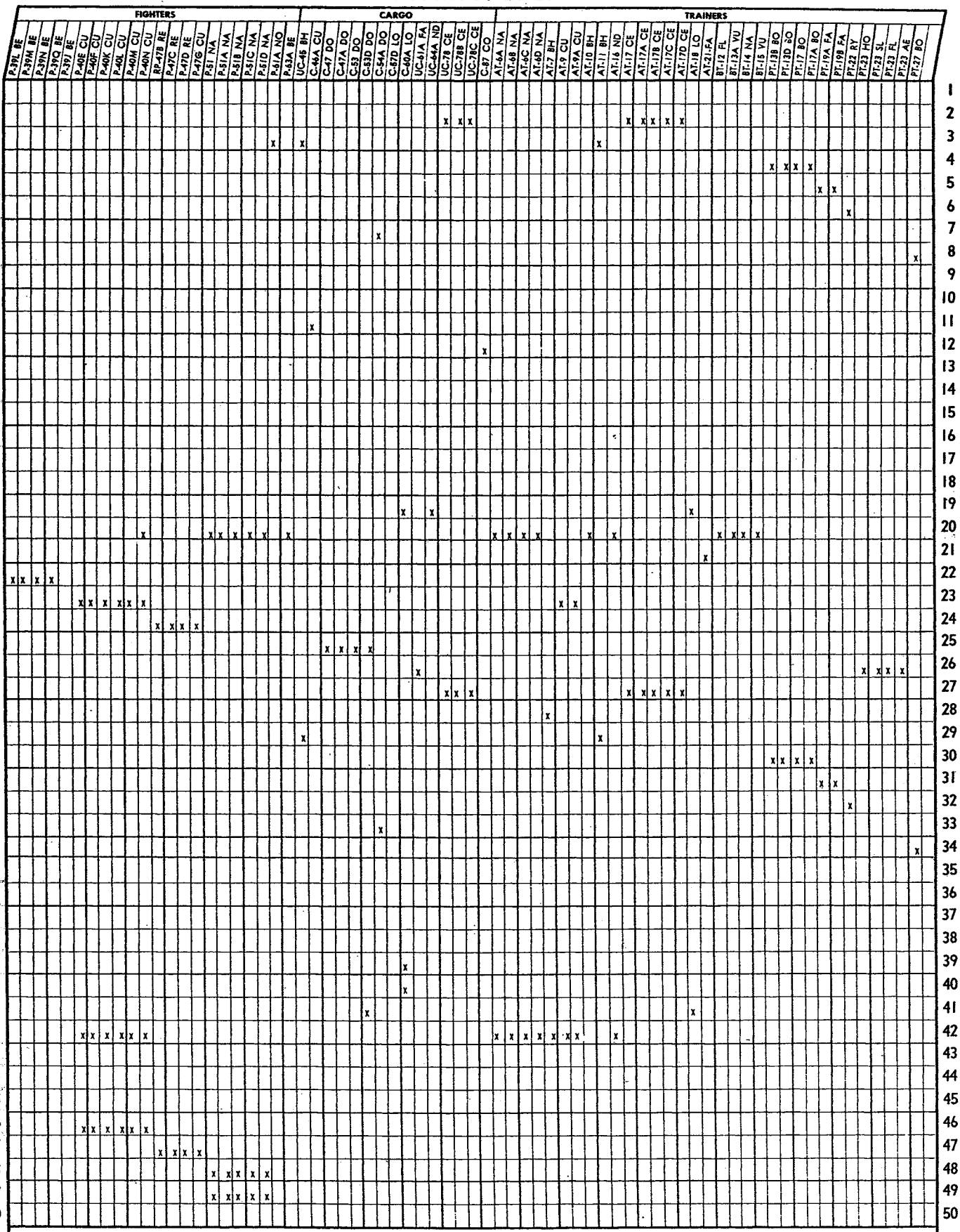
INTERCHANGEABILITY BETWEEN RED LINES. DO NOT CROSS A RED LINE WHEN DETERMINING VERTICAL INTERCHANGEABILITY.

	DESCRIPTION	VENDOR	PART NO.	TYPE	B-17E BO	B-17F BO	B-17F DO	B-17F VE	B-17G DO	B-24D CO	B-24E CO	B-24E DO	B-24E FO	B-24G NA	B-24H FO	B-24H CO	B-24H DO	B-25C NA	B-25D NA	B-25G NA	B-25H NA	B-26B MA	B-26B1 MA	B-26C MA	RB-34 VE	A-20B DO	A-20C BO	A-20C DO	A-20G DO	A-24A DO	A-24B DO	A-28A CU	A-28A LO	A-29 LO	A-29A LO	A-30A MA	A-35A VU	A-35B VU	A-36A NA	P-38E LO	P-38F LO	P-38G LO	P-38H LO	P-38J LO	P-38K LO	P-39D BE	P-39F BE	P-39K BE
1	CLASS 04-B CASINGS - MAIN WHEELS CONT																																														
2	26 x 8.50-10 6 PLY		SPEC. AN-C-55																																													
3	33" SMOOTH CONTOUR 8 PLY		SPEC. AN-C-55																																													
4	27.50 x 8.90 4 PLY		SPEC. AN-C-55																																												
5	22 x 6.50-10 4 PLY		SPEC. AN-C-55																																												
6	20 x 7.00-6 4 PLY																																													
7	46" x 15.50-20 12 PLY																																													
8	24" SMOOTH CONTOUR 4PR																																													
9																																														
10	CLASS 04-B TUBES - MAIN WHEEL																																													
11	55 x 19.00-23 VALVE TYPE TR-98		SPEC. 20-38		X	• X	• X	• X																																						
12	56" S.C. VALVE TYPE TR-98		SPEC. 26546			• X	• X	• X	X																																						
13	56" S.C. TR-93 VALVE TYPE 7/8 700		SPEC. 26546							X	X	X	X	X	X	X	X																														
14	47" S.C. TR-93 VALVE TYPE TR-350		SPEC. 26546															X	X	X	X																										
15	49 x 17.00-20 VALVE TYPE TR-92																					X	X	X																						
16	44 x 16.00-16 VALVE TYPE TR-92																								X																					
17	44" S.C. VALVE TYPE TR-350		SPEC. 26546																							X	X	X	X																	
18	30" x 7" x16" VALVE TYPE TR-15																													X	X															
19	42 x 1500x16" VALVE TYPE TR-94																																X	X	X	X										
20	27" S.C. VALVE TYPE TR-25		SPEC. 25546																																			X									
21	36" S.C. VALVE TYPE TR-350		SPEC. 26546	I																																	X	X		X	X	X	X	X	X		
22	26 x 6-14 VALVE TYPE TR-15			II																																									X	X	X
23	30" S.C. VALVE TYPE TR-25		SPEC. 26546																																												
24	34" x 9-16 VALVE TYPE TR-25		SPEC. 20-83																													X															
25	45 x 17.00-16 VALVE TYPE 600 TR-93-																																													
26	22 x 6.50-10 VALVE TYPE TR-25																																													
27	26 x 7.50-10 VALVE TYPE TR-25		SPEC. 20-83																																												
28	29 x 13 x 5 VALVE TYPE TR-252																																													
29	33" S.C. VALVE TYPE TR-25		SPEC. 26546																																											
30	27.50 x 8.90 VALVE TYPE TR-15																																													
31	22 x 6.50-10 VALVE TYPE TR-25																																													
32	20 x 7.00-6 VALVE TYPE TR-20																																													
33	46 x 15.50-20 VALVE TYPE TR-92																																													
34	24" S.L. VALVE TYPE TR-15																																													
35																																													
36	CLASS 03-B WHEELS - TAIL																																													
37	26.00" TYPE II	HAYES	G3-217A	S.C.	X	X	X	X																																						
38	26.00" TYPE II	FIRESTONE	KO-200-195	S.C.	X	X	X	X																																						
39	18.00" TYPE I	GENERAL	203-A-666																						X							X	X	X												
40	18.00" TYPE I	HAYES	D3-54	S.L.																					X							X	X	X												
41	12.50" TYPE II	FIRESTONE	CO-200	S.C.																										X	X															
42	14.50" TYPE II	HAYES	D3-74	S.C.																																		X	X							
43	17.00 TYPE II	GENERAL	203-A-799	S.C.																																X										
44	17.00 TYPE II	HAYES	D3-71A	S.C.																																X										
45	12.50 TYPE II	GOODYEAR	270860	S.C.																																			X							
46	12.50 TYPE II	HAYES	D3-46A OR M	S.C.																																									
47	14.50 TYPE II	FIRESTONE	E0-200A	S.C.																																									
48	12.50 x 4 1/2 x 4 1/2	HAYES	D3-292	N.D.																																									
49	12.50 x 4 1/2 x 4 1/2	FIRESTONE	JO-200M	N.D.																																									
50	WHEELS TAIL CONT.																																												

REMARKS: LINE NUMBERS IN REG.

(*) (11) USED ON VEGA B-17F TO SERIAL #42-5914, ON BOEING B-17F TO SERIAL #42-30033, ON DOUGLAS TO SERIAL #42-3190.

(*) (12) USED ON VEGA B-17F STARTING WITH SERIAL #42-5915, ON BOEING STARTING WITH #42-30034 AND ON DOUGLAS STARTING WITH SERIAL #42-3191.


FIGHTERS
CARGO
TRAINERS
P-39L BE
P-39M BE
P-39N BE
P-39Q BE
P-39J BE
P-40E CU
P-40F CU
P-40K CU
P-40L CU
P-40M CU
P-40N CU
RP-47B RE
P-47C RE
P-47D RE
P-47G CU
P-51 NA
P-51A NA
P-51B NA
P-51C NA
P-51D NA
P-61A NO
P-63A BE
UC-46 BH
C-46A CU
C-47 DO
C-47A DO
C-53 DO
C-53D DO
C-54A DO
C-87D LO
C-60A LO
UC-61A FA
UC-64A ND
UC-78 CE
UC-78B CE
UC-78C CE
C-87 CO
AT-6A NA
AT-6B NA
AT-6C NA
AT-6D NA
AT-7 BH
AT-9 CU
AT-9A CU
AT-10 BH
AT-11 BH
AT-16 ND
AT-17 CE
AT-17A CE
AT-17B CE
AT-17C CE
AT-17D CE
AT-18 LO
AT-21 FA
BT-12 FL
BT-13A VU
BT-14 NA
BT-15 VU
PT-13B BO
PT-13D BO
PT-17 BO
PT-17A BO
PT-19A FA
PT-19B FA
PT-22 RY
PT-23 HO
PT-23 SL
PT-23 FL
PT-23 AE
PT-27 BO

REMARKS:

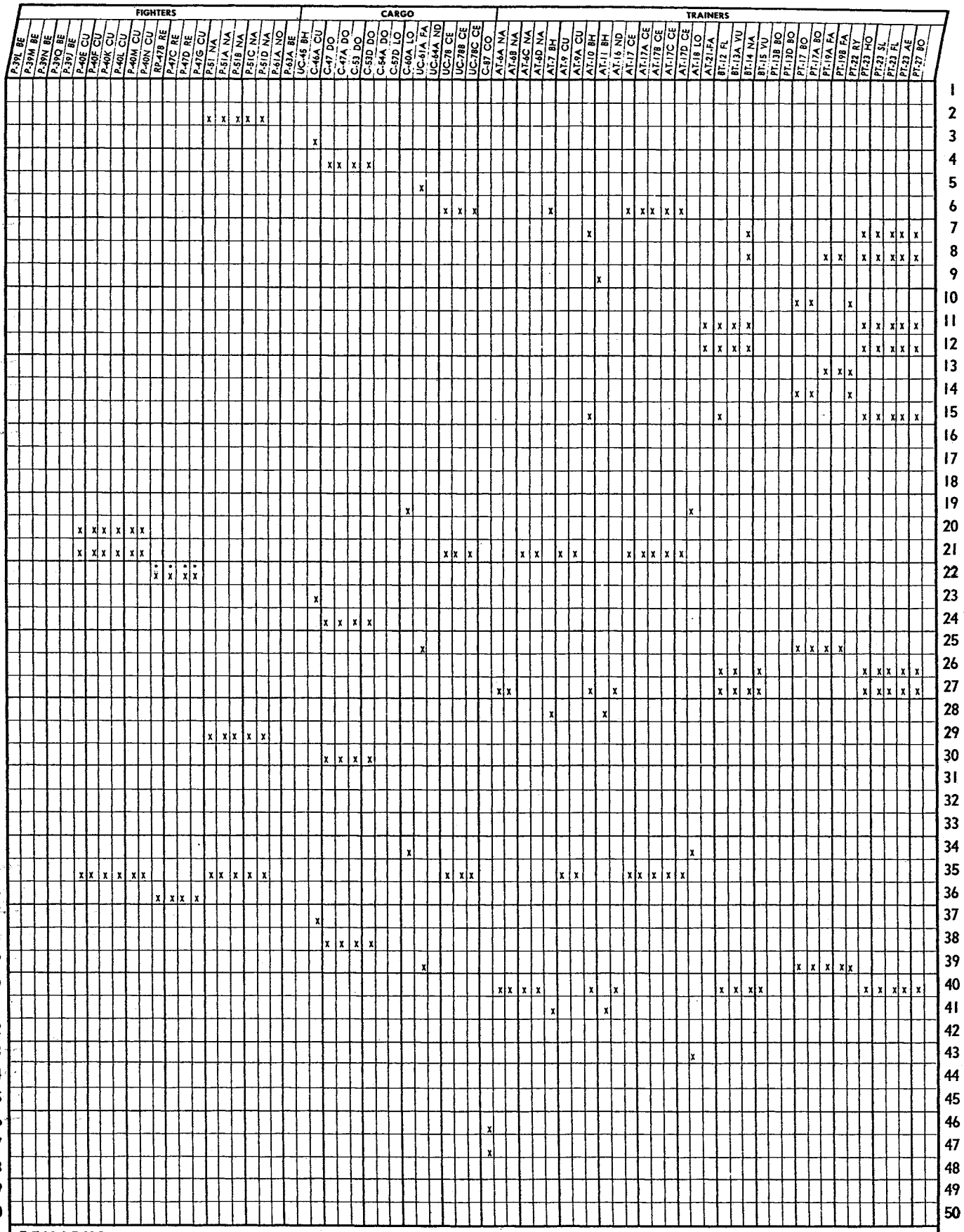
INTERCHANGEABILITY BETWEEN RED LINES. DO NOT CROSS A RED LINE WHEN DETERMINING VERTICAL INTERCHANGEABILITY.

	DESCRIPTION		VENDOR	PART NO.	TYPE
1	CLASS 03-B WHEELS - TAIL CONT.				
2	12.50 x 4 1/2 x 4 1/2			S43611497	H.D.
3	10" x 7"		HAYES	D3-21-A ORM	L.P.
4	22 x 9.00-6		BENDIX	52058	
5			FAIRCHILD	43196	
6	12.50	TYPE II	GENERAL	V61250-1	S.C.
7	10.00	TYPE II	GOODYEAR	217466	S.C.
8	10.00	TYPE II	GENERAL	VC-10SC100	S.C.
9	12" x 5" x 3"				
10	8.00"	TYPE II	HAYES	D3-76A & M	S.C.
11	10.00	TYPE II	HAYES	D3-28A & M	S.C.
12	10.00	TYPE II	HAYES	D3-41-A & M	
13	8.00	TYPE I	HAYES	QS-102	S.L.
14	8.00	TYPE II	BENDIX	55665	S.C.
15	10.00	TYPE II	BENDIX	55612	S.C.
16					•
17	CLASS 04-B CASINGS - TAIL WHEEL				
18	26" S.C.	10 PLY		SPEC. AN-C-55	
19	17" S.C.	6 PLY	GOODYEAR	AN-C-55 17-151	
20	12.50 S.C.	6 PLY		SPEC. AN-C-55	
21	12.50 S.C.	CHANNEL 6 PLY		SPEC. AN-C-55	
22	WITH STATIC CONDUCTOR CHANNEL 14.50 S.C.	6 PLY		SPEC. AN-C-55	
23	24 x 10.00-7	10 PLY		SPEC. AN-C 55	
24	22 x 9.00-6	8 PLY			
25	8" S.C.	4 PLY		SPEC. AN-C-55	
26	10" S.C.	4 PLY		SPEC. 26547	
27	10" S.C.	6 PLY		SPEC. AN-C-55	
28	12 x 5 x 3	4 PLY			
29	CHANNEL TREAD 12.50 x 4 1/2	8 PLY		SPEC. AN-C-55	
30	22 x 9.00 x6	8 PLY			
31					
32	CLASS 04-B TIRES - TAIL WHEEL				
33	26" S.C. VALVE TYPE TR-350			SPEC. 26550	I
34	17" S.C. VALVE TYPE TR-20			SPEC. 26550	I
35	12.50 S.C. VALVE TYPE TR-20			SPEC. 26550	I
36	14.50 S.C. VALVE TYPE TR-20			SPEC. 26550	I
37	24 x 10.00-7 VALVE TYPE TR-350			SPEC. 26550	I
38	22 x 9.00-5 VALVE TYPE TR-69				
39	8" S.C. VALVE TYPE TR-12				I
40	10" S.C. VALVE TYPE TR-12				I
41	12 x 5 x 3 VALVE TYPE TR-260				
42	18 x 8-3 VALVE TYPE TR-251				
43	17.00 S.C.		GOODYEAR	27-097	
44					
45	CLASS 03-B WHEELS - NOSE				
46	36"	TYPE II	GOODYEAR	530033M	S.C.
47	36"	TYPE II	HAYES	H3-102M	S.C.
48	30"	TYPE II	HAYES	H3-124	S.C.
49	33"	TYPE II	BENDIX	57608	S.C.
50	WHEELS - NOSE CONT.				

HEAVY BOMBERS														MEDIUM BOMBERS							LIGHT BOMBERS																FIGHTERS							
B-17E BO	B-17F BO	B-17F DO	B-17F VE	B-17G DO	B-24D CO	B-24E CO	B-24E DO	B-24E FO	B-24G NA	B-24H FO	B-24H CO	B-24H DO	B-25C NA	B-25D NA	B-25G NA	B-25H NA	B-26B MA	B-26B1 MA	B-26C MA	RB-34 VE	A-20B DO	A-20C BO	A-20C DO	A-20G DO	A-24A DO	A-24B DO	A-25A CU	A-28A LO	A-29 LO	A-29A LO	A-30A MA	A-35A VU	A-35B VU	A-36A NA	P-38E LO	P-38F LO	P-38G LO	P-38H LO	P-38J LO	P-38K LO	P-39D BE	P-39F BE	P-39K BE
X	X	X	X																																									
																				X								X	X	X	X												
																									X	X							X	X									
																									X	X																	

REMARKS: LINE NUMBERS IN RED.
(*) (19) DOUBLE BEAD
(*) (22) USE CHANNEL TREAD IN PREFERENCE TO S.C.

T. O. No. 00-25-29



REMARKS:

VERTICAL INTERCHANGEABILITY BETWEEN RED LINES. DO NOT CROSS A RED LINE WHEN DETERMINING VERTICAL INTERCHANGEABILITY.

	DESCRIPTION	VENDOR	PART NO.	TYPE	B-17E BO	B-17F BO	B-17F DO	B-17F VE	B-17G DO	B-24D CO	B-24E CO	B-24E DO	B-24E FO	B-24G NA	B-24H FO	B-24H CO	B-24H DO	B-25C NA	B-25D NA	B-25G NA	B-25H NA	B-26B MA	B-26C MA	RB-34 VE	A-20B DO	A-20C BO	A-20C DO	A-20G DO	A-24A DO	A-24B DO	A-25A CU	A-28A LO	A-29 LO	A-29A LO	A-30A MA	A-35A VU	A-35B VU	A-36A NA	P-38E LO	P-38F LO	P-38G LO	P-38H LO	P-38J LO	P-38K LO	P-39D BE	P-39F BE	P-39K BE
1	CLASS 03-B WHEELS - NOSE																																														
2	26" TYPE II	GOODYEAR	731934	S.C.																					X	X	X	X																			
3	27" TYPE II	BENDIX	57609	S.C.																																		X	X	X	X	X	X				
4	SPEC. FORK 19.00 TYPE --TYPE II	HAYES	D-3-9A & M (*)	S.C.																																								X	X	X
5	SPEC. FORK 19.00 TYPE TYPE II	FIRESTONE	H0-290	L.D.																																								X	X	X
6	22 x 7.25 x 11.50 MAGNESIUM	FIRESTONE	10-200F	L.D.																																										
7	22 x 7.25 x 11.50	BENDIX	58076	L.D.																																										
8	44"	BENDIX		S.C.																																										
9	27" TYPE II	BENDIX	57599	S.C.																																		X	X	X	X	X	X				
10	27" TYPE II	BENDIX	57410	S.C.																																		X	X	X	X	X	X				
11	27" TYPE II	BENDIX	57341	S.C.																																		X	X	X	X	X	X				
12	27" TYPE II	BENDIX	57194	S.C.																																		X	X	X	X	X	X				
13	27" TYPE II	BENDIX	57000 (*)	S.C.																																		X	X	X	X	X	X				
14	27" TYPE II	BENDIX	57351 (*)	S.C.																																		X	X	X	X	X	X				
15	27" TYPE II	BENDIX	57224 (*)	S.C.																																		X	X	X	X	X	X				
16	27" TYPE II	BENDIX	57291 (*)	S.C.																																		X	X	X	X	X	X				
17	27" TYPE II	BENDIX	57347 (*)	S.C.																																		X	X	X	X	X	X				
18	27" TYPE II	BENDIX	G3-1A (*)	S.C.																																		X	X	X	X	X	X				
19	27" TYPE II	BENDIX	G3-40M (*)	S.C.																																		X	X	X	X	X	X				
20	33" TYPE II	BENDIX	57415	S.C.																		X	X	X																						
21	33" TYPE II	BENDIX	57383	S.C.																		X	X	X																						
22	33" TYPE II	BENDIX	56938	S.C.																		X	X	X																						
23	33" TYPE II	BENDIX	57384	S.C.																		X	X	X																						
24	33" TYPE II	BENDIX	59239	S.C.																		X	X	X																						
25	33" TYPE II	BENDIX	56808 (*)	S.C.																		X	X	X																						
26	33" TYPE II	BENDIX	55902 (*)	S.C.																																										
27	33" TYPE II	BENDIX	57382 (*)	S.C.																																										
28	33" TYPE II	BENDIX	52933 (*)	S.C.																																										
29	33" TYPE II	BENDIX	57679 (A) (*)	S.C.																																										
30	36" TYPE II	GOODYEAR	731029 (*)	S.C.						X	X	X	X	X	X	X	X																														
31	36" TYPE II	GOODYEAR	731029M	S.C.						X	X	X	X	X	X	X	X																														
32	36" TYPE II	HAYES	H3-224	S.C.						X	X	X	X	X	X	X	X																														
33	36" TYPE II	BENDIX	58175 (*)	S.C.						X	X	X	X	X	X	X	X																														
34	36" TYPE II	BENDIX	58141 (*)	S.C.						X	X	X	X	X	X	X	X																														
35	36" TYPE II	BENDIX	58725 (*)	S.C.						X	X	X	X	X	X	X	X																														
36	36" TYPE II	BENDIX	59213 (*)	S.C.						X	X	X	X	X	X	X	X																														
37																																														
38	CLASS 04-B CASINGS - NOSE WHEEL																																														
39	36" S.C. 10 PLY		SPEC. AN-C-55-2							X	X	X	X	X	X	X	X																														
40	30" S.C. 8 PLY		SPEC. AN-C-55															X	X	X	X																								
41	33" S.C. 8 PLY		SPEC. AN-C-55																			X	X	X																						
42	26" S.C. 10 PLY		SPEC. AN-C-55																						X	X	X	X																		
43	27" S.C. 8 PLY		SPEC. AN-C-55																																				X	X	X	X	X	X				
44	19" S.C. 6 PLY		SPEC. AN-C-55	I																																								X	X	
45	LOW 19 x 6.80-10 PROFILE 6 PLY			VI																																									X
46	LOW 22 x 7.25-11.50 PROFILE 6 PLY			VI																																									
47	44" S.C. 10 PLY																																													
48																																														
49																																														
50																																														

HEAVY BOMBERS | MEDIUM BOMBERS | LIGHT BOMBERS | FIGHTERS

REMARKS: LINE NUMBERS IN RED.

(*) (19) A - INDICATES ALUMINUM AND M INDICATES MAGNESIUM. THIS WHEEL IS A DUAL PURPOSE WHEEL, SERVING AS A 19" SMOOTH CONTOUR AND 20" STREAMLINE OF THE FORK AXLE TYPE.

(*) (13, 14, 15, 16, 17, 18, 19, 25, 26, 27, 28, 29, 30, 33, 34, 35 36) LANDING GEAR WHEELS WHICH CAN BE SUBSTITUTED FOR NOSE WHEELS. NOSE WHEELS CANNOT BE SUBSTITUTED FOR LANDING GEAR WHEELS.

(A) (29) WHEEL HAS HOLE IN OUTBOARD FAIRING FOR FORK TYPE AXLE.

FIGHTERS

	P-39L BE	P-39M BE	P-39N BE	P-39Q BE	P-39J BE	P-40E CU	P-40F CU	P-40K CU	P-40L CU	P-40M CU	P-40N CU	RP-47B RE	P-47C RE	P-47D RE	P-47G CU	P-51 NA	P-51A NA	P-51B NA	P-51C NA	P-51D NA	P-61A NO	P-63A BE
1																						
2																						
3																						
4	X	X	X	X																		
5	X	X	X	X																		
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45	X	X	X																			
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CARGO

	UC-45 BH	C-46A CU	C-47 DO	C-47A DO	C-53 DO	C-53D DO	C-54A DO	C-57D LO	C-60A LO	UC-61A FA	UC-64A ND	UC-78 CE	UC-78B CE	UC-78C CE	C-87 CO
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TRAINERS

	AT-6A NA	AT-6B NA	AT-6C NA	AT-6D NA	AT-7 BH	AT-9 CU	AT-9A CU	AT-10 BH	AT-11 BH	AT-16 ND	AT-17 CE	AT-17A CE	AT-17B CE	AT-17C CE	AT-17D CE	AT-18 LO	AT-21-FA	BT-12 FL	BT-13A VU	BT-14 NA	BT-15 VU	PT-13B BO	PT-13D BO	PT-17 BO	PT-17A BO	PT-19A FA	PT-19B FA	PT-22 RY	PT-23 HO	PT-23 SL	PT-23 FL	PT-23 AE	PT-27 BO
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REMARKS:

INTERCHANGEABILITY BETWEEN RED LINES. DO NOT CROSS A RED LINE WHEN DETERMINING VERTICAL INTERCHANGEABILITY.

	DESCRIPTION	VENDOR	PART NO.	TYPE	B-17E BO	B-17F BO	B-17F DO	B-17F VE	B-17G DO	B-24D CO	B-24E CO	B-24E DO	B-24E FO	B-24G NA	B-24H FO	B-24H CO	B-24H DO	B-25C NA	B-25D NA	B-25G NA	B-25H NA	B-26B MA	B-26B1 MA	B-26C MA	RB-34 VE	A-20B DO	A-20C BO	A-20C DO	A-20G DO	A-24A DO	A-24B DO	A-25A CU	A-28A LO	A-29 LO	A-29A LO	A-30A MA	A-35A VU	A-35B VU	A-36A NA	P-38E LO	P-38F LO	P-38G LO	P-38H LO	P-38J LO	P-38K LO	P-39D BE	P-39F BE	P-39K BE
1	CLASS 04-B TUBES - NOSE WHEEL																																														
2	33" S.C. DUAL SEAL		SPEC. 26563																			X	X	X																								
3	26" S.C. DUAL SEAL		SPEC. 26563																							X	X	X	X																			
4	27" S.C. DUAL SEAL		SPEC. 26563																																					X	X	X	X	X	X				
5	19" S.C. DUAL SEAL		SPEC. 26563																																											X	X	
6	19 x 6.80-10 VALVE TYPE TR-150			VI																																											X
7	22 x 7.25 x 11.50 VALVE TYPE TR-150	FIRESTONE	BD-109-74-T	VI																																												
8	44" S.C. VALVE TYPE TR-350																																														
9	36" S.C. DUAL SEAL		SPEC. 26563							X	X	X	X	X	X	X	X																															
10	30" S.C. DUAL SEAL		SPEC. 26563															X	X	X	X																											
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REMARKS:

FIGHTERS

	P-39L BE	P-39M BE	P-39N BE	P-39Q BE	P-39J BE	P-40E CU	P-40F CU	P-40K CU	P-40L CU	P-40M CU	P-40N CU	RP-47B RE	P-47C RE	P-47D RE	P-47G CU	P-51 NA	P-51A NA	P-51B NA	P-51C NA	P-51D NA	P-61A NO	P-63A BE
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CARGO

	UC-45 BH	C-46A CU	C-47 DO	C-47A DO	C-53 DO	C-53D DO	C-54A DO	C-57D LO	C-60A LO	UC-61A FA	UC-64A ND	UC-78 CE	UC-78B CE	UC-78C CE	C-87 CO
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TRAINERS

	AT-6A NA	AT-6B NA	AT-6C NA	AT-6D NA	AT-7 BH	AT-9 CU	AT-9A CU	AT-10 BH	AT-11 BH	AT-16 ND	AT-17 CE	AT-17A CE	AT-17B CE	AT-17C CE	AT-17D CE	AT-18 LO	AT-21 FA	BT-12 FL	BT-13A VU	BT-14 NA	BT-15 VU	PT-13B BO	PT-13D BO	PT-17 BO	PT-17A BO	PT-19A FA	PT-19B FA	PT-22 RY	PT-23 HO	PT-23 SL	PT-23 FL	PT-23 AE	PT-27 BO	
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REMARKS:

T. O. No. 00-25-29

NOTE: FOR AIRPLANES NOT LISTED, REFER TO T.O. NO. 03-20-1, SEPT. 16, 1943

VERTICAL INTERCHANGEABILITY BETWEEN RED LINES. DO NOT CROSS A RED LINE WHEN DETERMINING VERTICAL INTERCHANGEABILITY.

NOTE: LATEST TYPE PROPELLERS HAVE BLEED HOLES. FOR LOW TEMPERATURE OPERATION. MODELS WITHOUT BLEED HOLES ARE NOT SUITABLE FOR LOW TEMPERATURE OPERATION.

CLASS 03-A PROPELLERS HAMILTON STANDARD

HUB	BLEED HOLES	BLADES	BLADE ANGLES DEGREES MIN°	MAX°	FEA°	GOVERNOR
23E50-107	(NO)	6153A-18 (*) 6353A-18 (*)	17	88		*K11G0J
23E50-109	(NO)	6353A-18	17	88		*K11G0J
23E50-137	(YES)	6193A-3	30	90		*G86G15D
23E50-189	(NO)	6353A-18	21	88		*K11G0J
23E50-195	(YES)	6193A-3	30	90		*G86G15D
23E50-233	(NO)	6353A-18 (*) 6153A-18 (*)	18	88		3L11A0J
23E50-241	(NO)	6353A-18	21	88		*K11G0J
23E50-247	(YES)	6193A-3	30	90		*G86G15D
23E50-285	(NO)	6379A-0	22	88		*K11G0L
23E50-285	(NO)	6339A-12	22	88		*K11G0L
23E50-287	(NO)	6353A-18	21 18	88 (*) 88 (**)		*K11G0J* 3L11A0J**
23E50-287	(NO)	6353A-12	23	88		*L11G0R
23E50-287	(NO)	6353A-21 (*) 6153A-21 (*)	27	88		*K11G0J
23E50-287	(NO)	6379A-0	26	88		*K11G0L
23E50-295	(NO)	6359A-18	22	90		*L11G1J* *G86G15D*
23E50-301	(YES)	6393A-3	30	90		*G86G15D
23E50-301	(YES)	6353A-21	27	88		*G86G15D
23E50-311	(NO)	6359A-24	23	51		*G10G19D
23E50-327	(NO)	6393A-3	30	90		*G86G15D
23E50-403	(YES)	6353A-21	27	88		*G86G15D
23E50-403	(YES)	6359A-18	22	90		*G86G15C
23E50-403	(YES)	6353A-18	21 18	88 (*) 88 (**)		*K11G0J* 3L11D0J**
23E50-417	(YES)	6353A-21	27	88		*G86G15D
23E50-417	(YES)	6393A-3	30	90		*G86G15D
23E50-425	(YES)	6193A-3	30	90		*G86G15D
23E50-431	(YES)	6353A-18 (*) 6153A-18 (*)	18	88		3L11A0J
23E50-453	(YES)	6353A-18 (*) 6153A-18 (*)	18	88		3L11A0J
23E50-466	(YES)	6353A-18	21 18	88 (*) 88 (**)		*K11G0J* 3L11A0J**
23E50-465	(YES)	6359A-18	22	90		*L11G1J *G86G15D*
23E50-465	(YES)	6353A-21	27	88		*G86G15D
23E50-471	(YES)	6379A-0	22	88		*K11G0L
23E50-471	(YES)	6339A-12	22	88		*G86G15F* *K11G0L*
23E50-473	(YES)	6507A-0	22	93		*G86G15D
23E50-473	(YES)	6353A-21	27	88		*K11G1J
23E50-473	(YES)	6353A-18	18 21	88 (8) 88 (*)		*K11G0J
23E50-473	(YES)	6353A-12	23	88		*G86G15C
23E50-473	(YES)	6477A-0	18 20	88 (**) 88 (*)		368A15D** *G86G15D*
23E50-473	(YES)	6359A-18	22	90		*L11G1J
23E50-473	(YES)	6477A-12	21 26	88 (*) 88 (**)		*G86G15F* *K11G1E**
23E50-473	(YES)	6379A-0	22 26	88 (*) 88 (**)		*K11G0L
23E50-473	(YES)	6491A-0	10	83 (*)		*H86BD
23E50-483	(YES)	6393A-3	30	90		*G86G15D
23E50-483	(YES)	6353A-21	27	88		*G86G15D
23E50-489	(YES)	6359A-24	23	51		*G10G19D
23E50-503	(YES)	6353A-18	21	88		*K11G0J
23E50-517	(YES)	6193A-3	30	90		*G86G15D
23E50-521	(YES)	6193A-3	30	90		*G8G15D
23E50-537	(YES)	6353A-18	21	88		*K11G0J

HAMILTON STANDARD PROPELLERS CONTINUED

HEAVY BOMBERS														MEDIUM BOMBERS						LIGHT BOMBERS												FIGHTERS						
B-17E BO	B-17F BO	B-17F DO	B-17F VE	B-17G DO	B-24D CO	B-24E CO	B-24E DO	B-24E FO	B-24G NA	B-24H FO	B-24H CO	B-24H DO	B-25C NA	B-25D NA	B-25G NA	B-25H NA	B-26B MA	B-26B1 MA	B-26C MA	RB-34 VE	A-20B DO	A-20C BO	A-20C DO	A-20G DO	A-24A DO	A-24B DO	A-25A CU	A-28A LO	A-29 LO	A-29A LO	A-30A MA	A-35A VU	A-35B VU	A-36A NA	P-38E LO	P-38F LO	P-38G LO	P-38H LO	P-38K LO	P-39D BE	P-39F BE	P-39K BE
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REMARKS: LINE NUMBERS IN RED.

(*) (2, 7, 14, 27, 28) EITHER BLADE MAY BE USED.
(*) (12) B-17E AND C-47.
(**) (12) B-24 SERIES AND C-87.
(*) (16) EITHER GOVERNOR LISTED MAY BE USED.
(*) (23, 29) B-17 SERIES.
(**) (23, 29) B-24 SERIES AND C-87.
(*) (30) USED ON B-25H AIRPLANES HAVING SERIAL NO. 43-4105 TO 43-4302 INCL.
(*) (33) EITHER GOVERNOR LISTED MAY BE USED.
(*) (36) B-17 SERIES.
(8) (36) C-47 AND C-53 SERIES.
(*) (38) B-17 SERIES.
(**) (38) B-24 SERIES AND C-87.
(C) (38) USED ON B-24D FROM SERIAL NO. 41-23970 AND UP.
(D) (38) C-47 & A, AND C-53 & D. BLADE ANGLE IS 16° TO 86°. SAME GOVERNOR.
(*) (40) USED ON C-57D; MAY USE GOVERNOR NO. *G86G15D ALSO. (**) USED ON RB-34.
(*) (41) USED ON AT-18.
(**) (41) USED ON A-28A.
(*) (42) ANGLE MEASURE AT 72 INCH STATION. MODEL BEGINNING WITH C-46-10 USE CURTISS PROPELLERS.

FIGHTERS

	P-39L BE	P-39M BE	P-39N BE	P-39Q BE	P-39J BE	P-40E CU	P-40F CU	P-40K CU	P-40L CU	P-40M CU	P-40N CU	RP-47B RE	P-47C RE	P-47D RE	P-47G CU	P-51 NA	P-51A NA	P-51B NA	P-51C NA	P-51D NA	P-61A NO	P-63A BE
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CARGO

	UC-45 BH	C-46A CU	C-47 DO	C-47A DO	C-53 DO	C-53D DO	C-54A DO	C-57D LO	C-60A LO	UC-61A FA	UC-64A ND	UC-78 CE	UC-78B CE	UC-78C CE	C-87 CO
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TRAINERS

	AT-6A NA	AT-6B NA	AT-6C NA	AT-6D NA	AT-7 BH	AT-9 CU	AT-9A CU	AT-10 BH	AT-11 BH	AT-16 ND	AT-17 CE	AT-17A CE	AT-17B CE	AT-17C CE	AT-17D CE	AT-18 LO	AT-21-FA	BT-12 FL	BT-13A VU	BT-14 NA	BT-15 VU	PT-13B BO	PT-13D BO	PT-17 BO	PT-17A BO	PT-19A FA	PT-19B FA	PT-22 RY	PT-23 HO	PT-23 SL	PT-23 FL	PT-23 AE	PT-27 BO
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REMARKS: GENERAL NOTES - THE 23E50-473, 471, 489, 483, 503, AND 537, HAVE 600 LB. SETTING ON DISTRIBUTOR VALVE. BALANCE HAVE 500 LB. SETTING.

WIDE BLADES REQUIRE DOUBLE CAPACITY GOVERNORS. DOUBLE CAPACITY GOVERNORS MAY ALSO BE USED ON NARROW BLADES.

ON TWIN ENGINE AIRPLANES, BOTH PROPELLER ASSEMBLIES AND GOVERNORS SHOULD BE IDENTICAL.

ON 4 ENGINE AIRPLANES, IF IT BECOMES NECESSARY TO USE DIFFERENT PROPELLERS OR GOVERNORS, THE 2 OUTBOARDS SHOULD BE IDENTICAL AND THE 2 INBOARDS SHOULD BE IDENTICAL.

SOME A20B AND C AIRPLANES HAVE FAST ACTING CAMS. THESE CAMS REQUIRE HIGH PRESSURE GOVERNORS, HOWEVER, HIGH PRESSURE GOVERNORS MAY BE USED ON STANDARD CAMS.

VERTICAL INTERCHANGEABILITY BETWEEN RED LINES. DO NOT CROSS A RED LINE WHEN DETERMINING VERTICAL INTERCHANGEABILITY.

NOTE: FOR AIRPLANES NOT LISTED, REFER TO T.O. 03-20-1, DATED SEPTEMBER 16, 1943.

CLASS 03-A PROPELLERS HAMILTON STANDARD CONTINUED

	HUB	BLADES	BLADE ANGLES DEGREES MIN°	MAX°	FEA°	GOVERNOR
1						
2	24D50-65	J6487A-24	24.2	65.2		4G10621D
3	24D50-65	J6523A-24	24.2	65.2		4G10821D
4	33D50-87	6511A-9	19.5	48.5		4V19G
5	33D50-111	6511A-9	19.5	48.5		4G10G4C
6	33D50-111	6511A-9	18.5	48.5		4V19G
7	3E50-345	6103A-9	19	39		IP12A
8	12D40-201	6101A-12	13 11.5	28 27	(*) (**)	IM12G
9	12D40-211	6101A-12	11 11.5	21 27	(*) (**)	IM12G (*) IM12A (**)
10	12D40-211	6101A-6	9.5	19		IM12G
11	2D30-227	6101A-12	12	18		NONE
12	2D30-227	6101A-18	14.5	19.5		NONE
13	2D30-233	6101A-12	12.4	18.3		NONE
14	2D30-235	6167A-15	13 14	28 29	(*) (**)	1A2G5 (*) 1A2A5
15	2D30-247	6101A-12	12	27		IM12G
16	2B20-229	6135A-15	13	28		1A2G5 (*) 1A2A5 (*)
17	2B20-229	6135A-15	13	28		1Q12G (*) 1Q12A (*)
18	2B20-241	6135A-9	11	26		1Q12G1 (*) 1Q12A1 (*)
19	2B20-251	6135A-15	13	28		1A4A5
20	PROPELLER ASS'Y CONT.		AEROPRODUCTS			
21	A632S-A1	C-20-144-19.5	20	55		SEE NOTE (*)
22	A632S-B1	C-20-144-19.5	20	55		SEE NOTE (*)
23	A632S-A2	C-20-144-19.5	24.5	59.5		SEE NOTE (*)
24	A632S-B5	C-20-144-19.5	24.5	59.5		SEE NOTE (*)
25	A632S-C1	A-20-156-17	23	58		SEE NOTE (*)
26	A632S-C4	A-20-156-17	23	58		SEE NOTE (*)
27	A642S-D1	A-20-156-17	24.5	59.5		SEE NOTE (*)
28	PROPELLER ASS'Y CONT.		CURTISS ELECTRIC PROP.			
29			MIN°	MAX°	FEA°	
30	C543S-C16	814-3C3-18	18	48	86 (*)	100008-2
31	C543S-C4	814-3C3-18	18	48	86 (*)	100008-2
32	C543S-C10	C3821306	16	46	87 (*)	100008-2 OR 2G
33	C543S-C28	814-3C3-18	17	47	87 (*)	100008-2 OR 2G
34	C543S-C12	814-3C3-18	18	48	86 (*)	100008-2 OR 2G
35	C532D-F39	88996-18	20.3	55.3	87.5	100008-1
36	C532D-F55	88996-18	20.3	55.3	87.5	100008-1
37	C532D-F41	88996-18	22.7	57.7	87.5	100008-1
38	C532D-F61	88996-18	22.7	57.7	87.5	100008-1
39	C532D-F40	89303-18	20.3	55.3	87.3	100008
40	C532D-F56	89303-18	20.3	55.3	87.3	100008
41	C532D-F42	89303-18	22.7	57.7	87.5	100008
42	C532D-F62	89303-18	22.7	57.7	87.5	100008
43	C532D-F92	89303-27W	23	58		100008-1
44	C532D-F78	89303-27W	23	58		100008-1
45	C532D-F24	89301-3	24.5	54.5		100008-1
46	C532D-F26	89301-3	24.5	54.5		100008-1
47	C532D-F50	89301-3	28	58		100008-3G
48	C532D-F52	89301-3	24.5	54.5		100008-1
49	C532D-F66	89301-3	24.5	54.5		100008-1
50	PROPELLER ASS'Y CONTINUED					

HEAVY BOMBERS																					MEDIUM BOMBERS										LIGHT BOMBERS																						FIGHTERS									
B-17E BO	B-17F BO	B-17F DO	B-17F VE	B-17G DO	B-24D CO	B-24E CO	B-24E DO	B-24E FO	B-24G NA	B-24H FO	B-24H CO	B-24H DO	B-25C NA	B-25D NA	B-25G NA	B-25H NA	B-26B MA	B-26B1 MA	B-26C MA	RB-34 VE	A-20B DO	A-20C BO	A-20C DO	A-20G DO	A-24A DO	A-24B DO	A-25A CU	A-28A LO	A-29 LO	A-29A LO	A-30A MA	A-35A VU	A-35B VU	A-36A NA	P-38E LO	P-38F LO	P-38G LO	P-38H LO	P-38J LO	P-38K LO	P-39D BE	P-39F BE	P-39K BE
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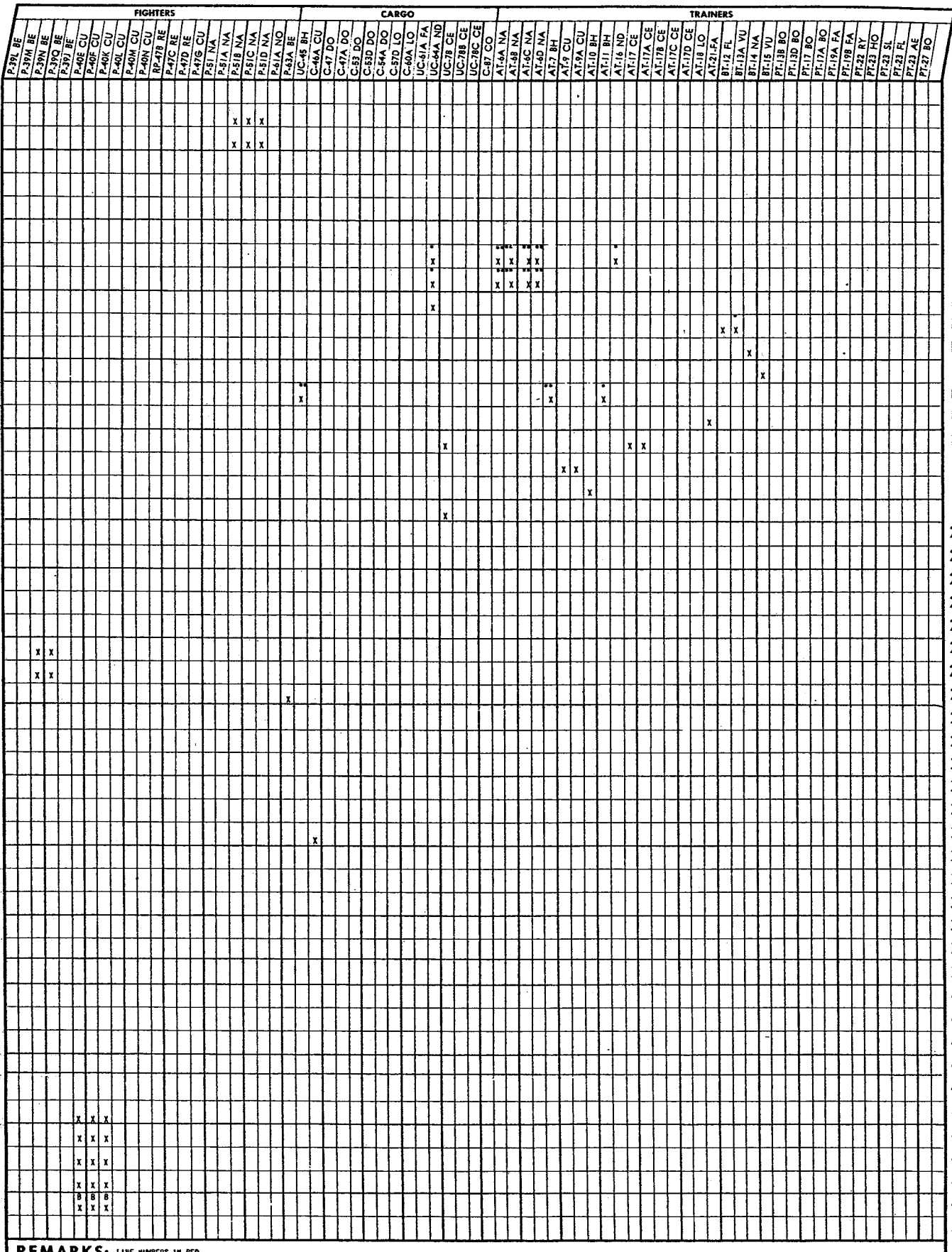
T. O. No. 00-25-29



REMARKS: LINE NUMBERS IN RED.

(*) (30, 31, 32, 33, 34) BLADE ANGLES MEASURED AT 54" STATION.

(B) (49) INTERCHANGEABLE EXCEPT FOR SPINNER MOUNTING.

T. O. No. 00-25-29

VERTICAL INTERCHANGEABILITY BETWEEN RED LINES. DO NOT CROSS RED LINE WHEN DETERMINING VERTICAL INTERCHANGEABILITY.

NOTE: FOR AIRPLANES NOT LISTED, REFER TO T.O. NO. 03-20-1, DATED SEPTEMBER 16, 1943.

CLASS 03-A PROPELLERS CURTISS ELECTRIC CONTINUED

HUB	BLADES	BLADE ANGLES DEGREES MIN°	MAX°	FEA°	GOVERNOR
C5320-F64	89303-24W	26.4	56.4		100008-3
C5320-F84	89303-24W	24.5	54.5		100008-1
C5320-F32	89301-6	23	58		100008-1
C5320-F68	89303-27W	23	58		100008-1
C5425-A6	714-1C2-12	28	58	89.5°	100008-2
C5425-A22	714-1C2-12	28	58	89.5°	100008-2
C5425-A34	714-1C2-12 (A) CZ721200 (A)	28 27.3	58 57.3		100008-2
C5425-A10	714-1C2-12	28	58	89.5°	100008-2
C6315SM-C4	614-1C1.5-21	21.5	51.5		100002-1R
C6315SM-C12	614-1C1.5-21	27.5	57.5		100002-1L
C6315SM-C14	614-1C1.5-21	30	60		100002-1L
C5325D-A26 (*)	89324-12	21.7	51.7		100008-1

PROPELLERS, WOOD - FIXED PITCH

HUB	BLADES	VENDOR	VENDOR PART NO.
8599 (*)	86CA69	SENSENICH	
8599 (*)	86R61	SENSENICH	
8599 (*)	42K15729	AIR CORPS DWG.	
4105926	SS-135-6	McCAULEY	
4162325	42K19593	AIR CORPS DWG.	
4162325	90HASP90	SENSENICH	
4162325	42K12335	AIR CORPS DWG.	
4162325-9	707-80(90)	HARTZELL	
4162325-9	43K13605	AIR CORPS DWG.	
4162325-9	42K19593	AIR CORPS DWG.	
4162325-9	42K15131	AIR CORPS DWG.	
4162325-9	90LA78	SENSENICH	
4162325-9	43K19181	AIR CORPS DWG.	

CLASS 03-1
FEATHERING PUMPS, PROPELLER

	HAMILTON STD.	53535
	" "	54772-21
	" "	54772-2
	" "	55079
	" "	59664
	" "	55079-1

CLASS 03-1
FEATHERING PUSH BUTTON, SWITCH

	HAMILTON STD.	54116
	" "	54267
	" "	55314

CLASS 03-1
SOLENOID RELAYS

	HAMILTON STD.	53470
	" "	53622
	" "	54484
	" "	60985-1

	HEAVY BOMBERS															MEDIUM BOMBERS							LIGHT BOMBERS												FIGHTERS					
	B-17E BO	B-17F BO	B-17F DO	B-17F VE	B-17G DO	B-24D CO	B-24E CO	B-24E DO	B-24E FO	B-24G NA	B-24H FO	B-24H CO	B-24H DO	B-25C NA	B-25D NA	B-25G NA	B-25H NA	B-26B MA	B-26B1 MA	B-26C MA	RB-34 VE	A-20B DO	A-20C BO	A-20C DO	A-20G DO	A-24A DO	A-24B DO	A-28A CU	A-28A LO	A-29 LO	A-29A LO	A-30A MA	A-35A VU	A-35B VU	A-36A NA	P-38E LO	P-38F LO	P-38G LO	P-38H LO	P-38J LO	P-38K LO	P-39D BE	P-39F BE	P-39K BE
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30																																										
31	X	X	X	X	X									X	X	X	X					X	X	X	X			X	X	X	X												
32	X	X	X	X										X	X							X	X	X	X			X	X	X	X												
33						X	X	X	X												X																						
34																																											
35						X	X	X	X	X	X	X	X																														
36																																										
37																																										
38	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X				X	X	X	X	X			X	X	X	X												
39																																										
40																																										
41	X	X	X	X		X	X	X	X	X				X	X							X	X	X	X			X	X	X												
42																																										
43																					X																					
44	X	X	X	X	X	X	X	Y	X	X	X	X	X	X	X	X	X				X	X	X	X	X				X	X	X												
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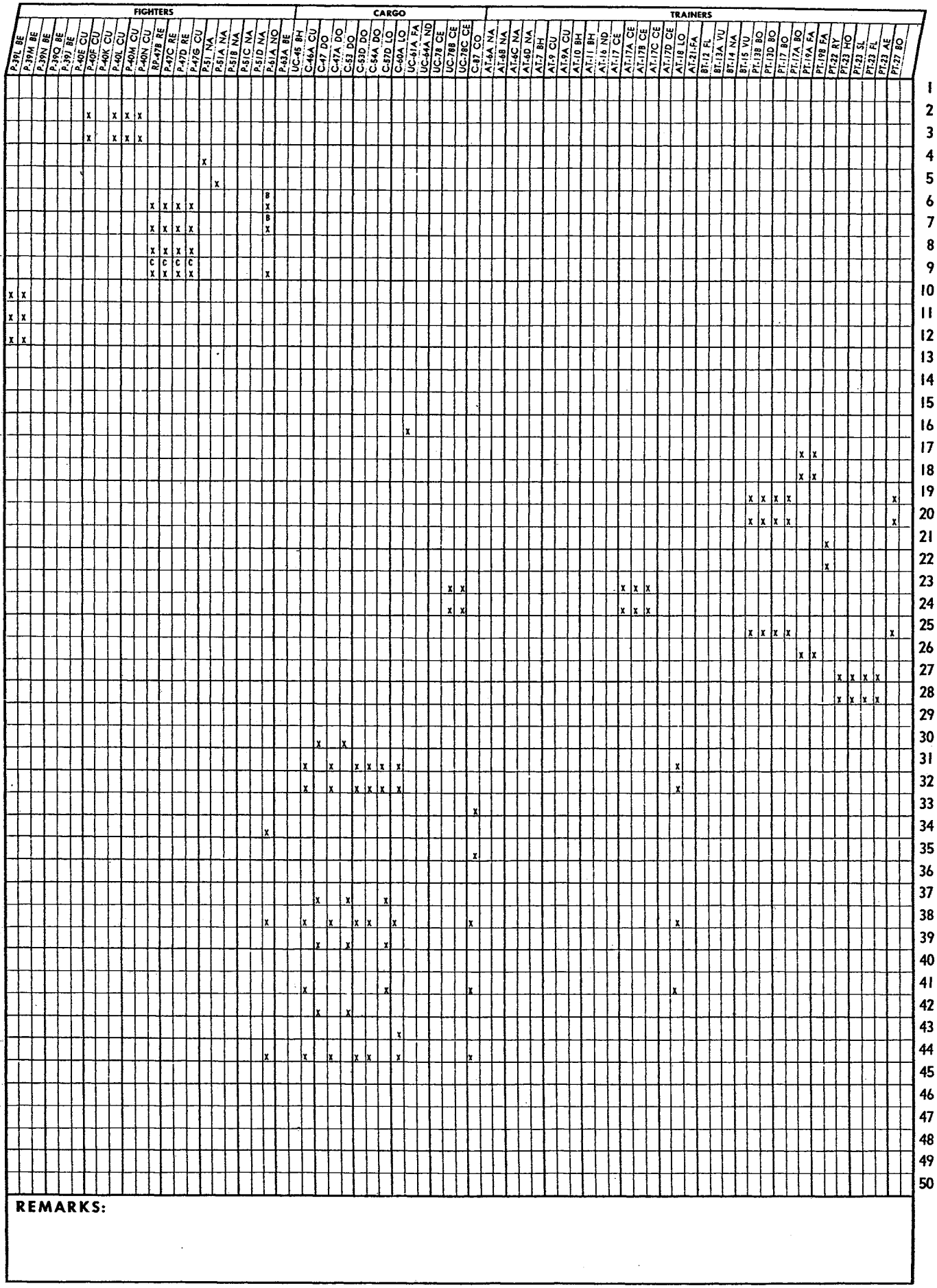
REMARKS: LINE NUMBERS IN RED.

(*) (6,7,9) FEATHERING ANGLE APPLIES TO P61 ONLY.
(B) (6,7) CHANGE SPINNER MOUNTING, OR ANTI-ICING EQUIPMENT.
(A) (8) EITHER BLADE MAY BE USED IN SETS OF 4 BLADES.
(C) (9) NECESSARY TO ADD POWER UNIT COVER.
(*) (13) LATER MODELS ARE SHOWN AS A-28. BOTH ARE IDENTICAL.

(*) (18, 19, 20) THE 7900 AND 8530 HUBS MAY BE USED INTERCHANGEABLY WITH THE 8599 HUB.

T. O. No. 00-25-29



REMARKS:

VERTICAL INTERCHANGEABILITY BETWEEN RED LINES. DO NOT CROSS A RED LINE WHEN DETERMINING VERTICAL INTERCHANGEABILITY.

	DESCRIPTION		VENDOR	PART NO.	TYPE	HEAVY BOMBERS												MEDIUM BOMBERS						LIGHT BOMBERS														FIGHTERS									
						B-17E BO	B-17F BO	B-17F DO	B-17F VE	B-17G DO	B-24D CO	B-24E CO	B-24E DO	B-24E FO	B-24G NA	B-24H FO	B-24H CO	B-24H DO	B-25C NA	B-25D NA	B-25G NA	B-25H NA	B-26B MA	B-26B1 MA	B-26C MA	RB-34 VE	A-20B DO	A-20C BO	A-20C DO	A-20G DO	A-24A DO	A-24B DO	A-25A CU	A-28A LO	A-29 LO	A-29A LO	A-30A MA	A-35A VU	A-35B VU	A-36A NA	P-38E LO	P-38F LO	P-38G LO	P-38H LO	P-38J LO	P-38K LO	P-39D BE	P-39F BE	P-39K BE
1	CYLINDER ASSEMBLY - ACTUATING MAIN LANDING GEAR																																															
2	CLASS 03-G		AIRCRAFT ACCESS.	22026B	L.H.						X	X	X	X	X																																		
3	" "		AIRCRAFT ACCESS.	22026C	L.H.						X	X	X	X	X																																		
4	" "		AIRCRAFT ACCESS.	(**) 22026F	L.H.						X	X	X	X	X																																		
5	" 01-B		AIRCRAFT ACCESS.	(**) CAC-CY-12	L.H.						X	X	X	X	X																																		
6	" "		BENDIX AV., LTD.	(**) CAC-CY-12	L.H.						X	X	X	X	X																																		
7	" 03-G		BENDIX AV., LTD.	402685	L.H.						X	X	X	X	X																																		
8	" 01-B		FORD	(**) GK-32M8878	L.H.						X	X	X	X	X																																		
9	" "		HOUDE	(**) GK-32M8878	L.H.						X	X	X	X	X																																		
10	" 03-G		HOUDE	0A-413	L.H.						X	X	X	X	X																																		
11	" "		AIRCRAFT ACCESS.	22026B	R.H.						X	X	X	X	X																																		
12	" "		AIRCRAFT ACCESS.	22026C	R.H.						X	X	X	X	X																																		
13	" "		AIRCRAFT ACCESS.	(**) 22026F	R.H.						X	X	X	X	X																																		
14	" 01-B		AIRCRAFT ACCESS.	(**) CAC-CY-13	R.H.						X	X	X	X	X																																		
15	" "		BENDIX AV., LTD.	(**) CAC-CY-13	R.H.						X	X	X	X	X																																		
16	" 03-G		BENDIX AV., LTD.	402685-1	R.H.						X	X	X	X	X																																		
17	" 01-B		FORD	(**) GK-32M8878	R.H.						X	X	X	X	X																																		
18	" "		HOUDE	(**) GK-32M8878	R.H.						X	X	X	X	X																																		
19	" 03-G		HOUDE	0A-414	R.H.						X	X	X	X	X																																		
20	" 01-M		FRIGIDAIRE	82-58026	L.H.														X	X	X	X																										
21	" "		FRIGIDAIRE	(**) 82-58026-2	L.H.														X	X	X	X																										
22	" "		FRIGIDAIRE	82-58026	R.H.														X	X	X	X																										
23	" "		FRIGIDAIRE	(**) 82-58026-2	R.H.														X	X	X	X																										
24	" 01-K		MAYTAG	M-427-MT	L.H.																		X	X	X																						
25	" "		MAYTAG	M-427-MTA	R.H.																		X	X	X																						
26	" 03-G		MAYTAG	617	L.H.																		X	X	X																						
27	" "		MAYTAG	617	R.H.																		X	X	X																						
28	" 01-D		PACIFIC AVIATION	(*) 5062530	L.H.																						X	X	X	X																		
29	" "		MURRAY	(*) 5096456	L.H.																						X	X	X	X																		
30	" "		DOUGLAS	(*) 4006284	L.H.																						X	X	X	X																		
31	" "		DOUGLAS	(*) 4006284	R.H.																						X	X	X	X																		
32	" "		MURRAY	(*) 5096456-1	R.H.																						X	X	X	X																		
33	" "		PACIFIC AVIATION	(*) 5062530-1	R.H.																						X	X	X	X																		
34	" "		PACIFIC AVIATION	(A) (*) 5222636	L.H.																						X	X	X	X																		
35	" "		PACIFIC AVIATION	(A) (*) 5222636-1	R.H.																						X	X	X	X																		
36	" 01-L		LOCKHEED	19048	L.H.																					X																						
37	" "		LOCKHEED	19048	R.H.																					X																						
38	" 01-D		PACIFIC AVIATION	(**) 5191919	L.H.																											X	X														
39	" "		PACIFIC AVIATION	5061874	L.H.																											X	X														
40	" "		BAKEWELL	5061874	L.H.																											X	X														
41	" "		PACIFIC AVIATION	(**) 5191919	R.H.																											X	X														
42	" "		PACIFIC AVIATION	5061874	R.H.																											X	X														
43	" "		BAKEWELL	5061874	R.H.																											X	X														
44	CLASS 01-K		MAYTAG	M-507-MT	L.H.																																X										
45	" "		MAYTAG	M-507-MTA	R.H.																																X										
46	" 03-G		MAYTAG	653	L.H.																																X										
47	" "		MAYTAG	654	R.H.																																X										
48	" 01-Q		VULTEE	73-82209	L.H.																																	X	X									
49	" 03-G		WEATHERHEAD	987870	L.H.																																	X	X									
50	CYLINDER ASSEMBLY - ACTUATING MAIN LANDING GEAR - CONTINUED																																															

REMARKS: LINE NUMBERS IN RED.

(**) (4, 5, 6, 8, 9, 13, 14, 15, 17, 18, 21, 23, 38, 41) LATER MODEL.

(*) (28, 29, 30, 31, 32, 33, 34, 35) CYLINDER ASSEMBLIES LESS LINES AND FITTINGS ARE INTERCHANGEABLE IF ORIGINAL OR SIMILAR FITTINGS ARE USED.

	FIGHTERS																					
	P-39L BE	P-39M BE	P-39N BE	P-39Q BE	P-39J BE	P-40E CU	P-40F CU	P-40K CU	P-40L CU	P-40M CU	P-40N CU	RP-47B RE	P-47C RE	P-47D RE	P-47G CU	P-51 NA	P-51A NA	P-51B NA	P-51C NA	P-51D NA	P-61A NO	P-63A BE
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	CARGO														
	UC-45 BH	C-46A CU	C-47 DO	C-47A DO	C-53 DO	C-53D DO	C-54A DO	C-57D LO	C-60A LO	UC-61A FA	UC-64A ND	UC-78 CE	UC-78B CE	UC-78C CE	C-87 CO
1															X
2															X
3															X
4															X
5															X
6															X
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	TRAINERS																																	
	AT-6A NA	AT-6B NA	AT-6C NA	AT-6D NA	AT-7 BH	AT-9 CU	AT-9A CU	AT-10 BH	AT-11 BH	AT-16 ND	AT-17 CE	AT-17A CE	AT-17B CE	AT-17C CE	AT-17D CE	AT-18 LO	AT-21-FA	BT-12 FL	BT-13A VU	BT-14 NA	BT-15 VU	PT-13B BO	PT-13D BO	PT-17 BO	PT-17A BO	PT-19A FA	PT-19B FA	PT-22 RY	PT-23 HO	PT-23 SL	PT-23 FL	PT-23 AE	PT-27 BO	
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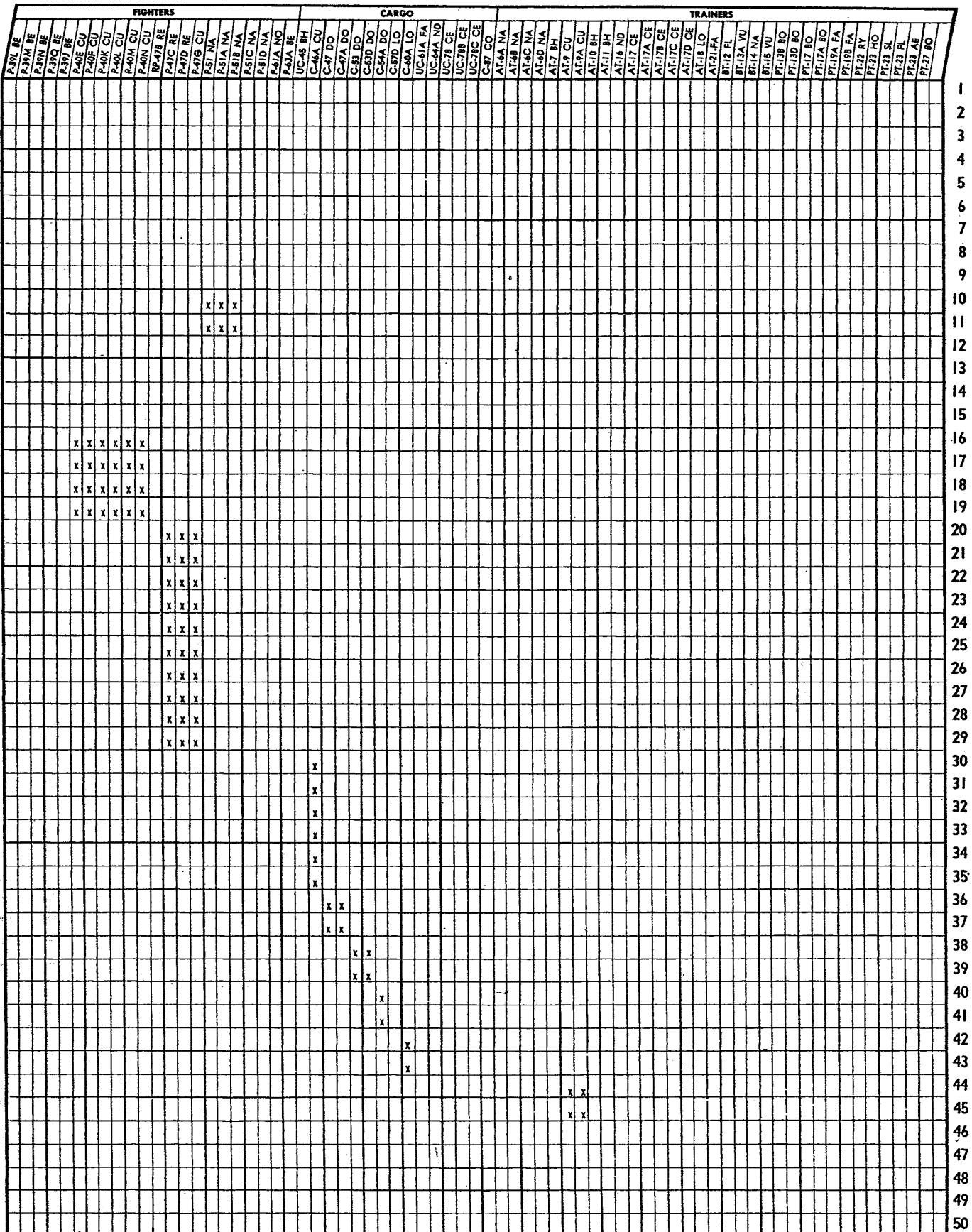
REMARKS:

VERTICAL INTERCHANGEABILITY BETWEEN RED LINES. DO NOT CROSS A RED LINE WHEN DETERMINING VERTICAL INTERCHANGEABILITY.

	DESCRIPTION	VENDOR	PART NO.	TYPE	B-17E BO	B-17F NO	B-17F DO	B-17F VE	B-17G DO	B-24D CO	B-24E CO	B-24E DO	B-24E FO	B-24G NA	B-24H FO	B-24H CO	B-24H DO	B-25C NA	B-25D NA	B-25G NA	B-25H NA	B-26B MA	B-26B1 MA	B-26C MA	RB-34 VE	A-20B DO	A-20C DO	A-20G DO	A-24A DO	A-24B DO	A-25A CU	A-28A LO	A-29 LO	A-30A LO	A-30A MA	A-35A VU	A-35B VU	A-36A NA	P-38E LO	P-38F LO	P-38G LO	P-38H LO	P-38J LO	P-38K LO	P-39D BE	P-39F BE	P-39K BE
1	CYLINDER ASSEMBLY - ACTUATING MAIN LANDING GEAR - CONTINUED																																														
2	CLASS 01-Q	VULTEE	73-82209-1	R.H.																																X	X										
3	" 03-G	WEATHER-HEAD	287880	R.H.																																X	X										
4	" 01-C	HIGLEY	84-33-989	L.H.																											X																
5	" "	HIGLEY	84-33-989	R.H.																											X																
6	" 03-G	U.A.P.	51227	L.H.																																			X	X	X							
7	" 01-L	LOCKHEED	663053	L.H.																																			X	X	X							
8	" 03-G	U.A.P.	51227	R.H.																																			X	X	X							
9	" 01-L	LOCKHEED	663053-1	R.H.																																			X	X	X							
10	" 01-M	NORTH AMERICAN	97-58027	L.H.																																			X									
11	" "	NORTH AMERICAN	97-58027-1	R.H.																																			X									
12	" 03-G	U.A.P.	52020	L.H.																																							X	X	X			
13	" 01-L	LOCKHEED	663053-2	L.H.																																							X	X	X			
14	" "	LOCKHEED	663053-3	R.H.																																							X	X	X			
15	" 03-G	U.A.P.	52020-1	R.H.																																							X	X	X			
16	" 01-C	SINCLAIR COLLINS	87-31-505	L.H.																																												
17	" "	SINCLAIR COLLINS	87-31-505	R.H.																																												
18	" "	UEBELHOER	87-31-505	L.H.																																												
19	" "	UEBELHOER	87-31-505	R.H.																																												
20	" 01-N	HOUDE	89C-38200	L.H.																																												
21	" "	HOUDE	89C-38200	R.H.																																												
22	" "	MURRAY	89C-38200	L.H.																																												
23	" "	MURRAY	89C-38200	R.H.																																												
24	" "	MACK MFG.	89C-38200	L.H.																																												
25	" "	MACK MFG.	89C-38200	R.H.																																												
26	" "	OTIS ELEVATOR	89C-38200	L.H.																																												
27	" "	OTIS ELEVATOR	89C-38200	R.H.																																												
28	" "	REDA PUMP	89C-38200	L.H.																																												
29	" "	REDA PUMP	89C-38200	R.H.																																												
30	" 01-C	BUFFALO GASOLINE	20-313-1000-1	L.H.																																												
31	" "	BUFFALO GASOLINE	20-313-1000-1	R.H.																																												
32	" "	TUTHILL PUMP	20-313-1000-1	L.H.																																												
33	" "	TUTHILL PUMP	20-313-1000-1	R.H.																																												
34	" "	EDWARDS	20-313-1000-1	L.H.																																												
35	" "	EDWARDS	20-313-1000-1	R.H.																																												
36	" 01-D	PACIFIC PUMP	(*) 5110586	L.H.																																												
37	" "	PACIFIC PUMP	(*) 5110586	R.H.																																												
38	" "	PACIFIC PUMP	(*) 5084796	L.H.																																												
39	" "	PACIFIC PUMP	(*) 5084796	R.H.																																												
40	" "	INTERSTATE AIRCRAFT	5074219	L.H.																																												
41	" "	INTERSTATE AIRCRAFT	5074219	R.H.																																												
42	" 03-G	U.A.P.	52315	L.H.																																												
43	" "	U.A.P.	52315	R.H.																																												
44	" 01-C	HIGLEY	25-313-552	L.H.																																												
45	" "	HIGLEY	25-313-552	R.H.																																												
46																																															
47	CYLINDER ASSEMBLY - ACTUATING NOSE LANDING GEAR																																														
48	CLASS 03-G	AIRCRAFT ACCESS.	22029B-2							X	X	X	X	X																																		
49	" "	AIRCRAFT ACCESS.	22029D							X	X	X	X	X																																		
50	CYLINDER ASSEMBLY - ACTUATING NOSE LANDING GEAR CONTINUED																																														

REMARKS: LINE NUMBERS IN RED.
(*) (36, 37, 38, 39) CYLINDERS LESS FITTINGS AND HOSE ARE INTERCHANGEABLE IF ORIGINAL OR SIMILAR FITTINGS ARE USED.

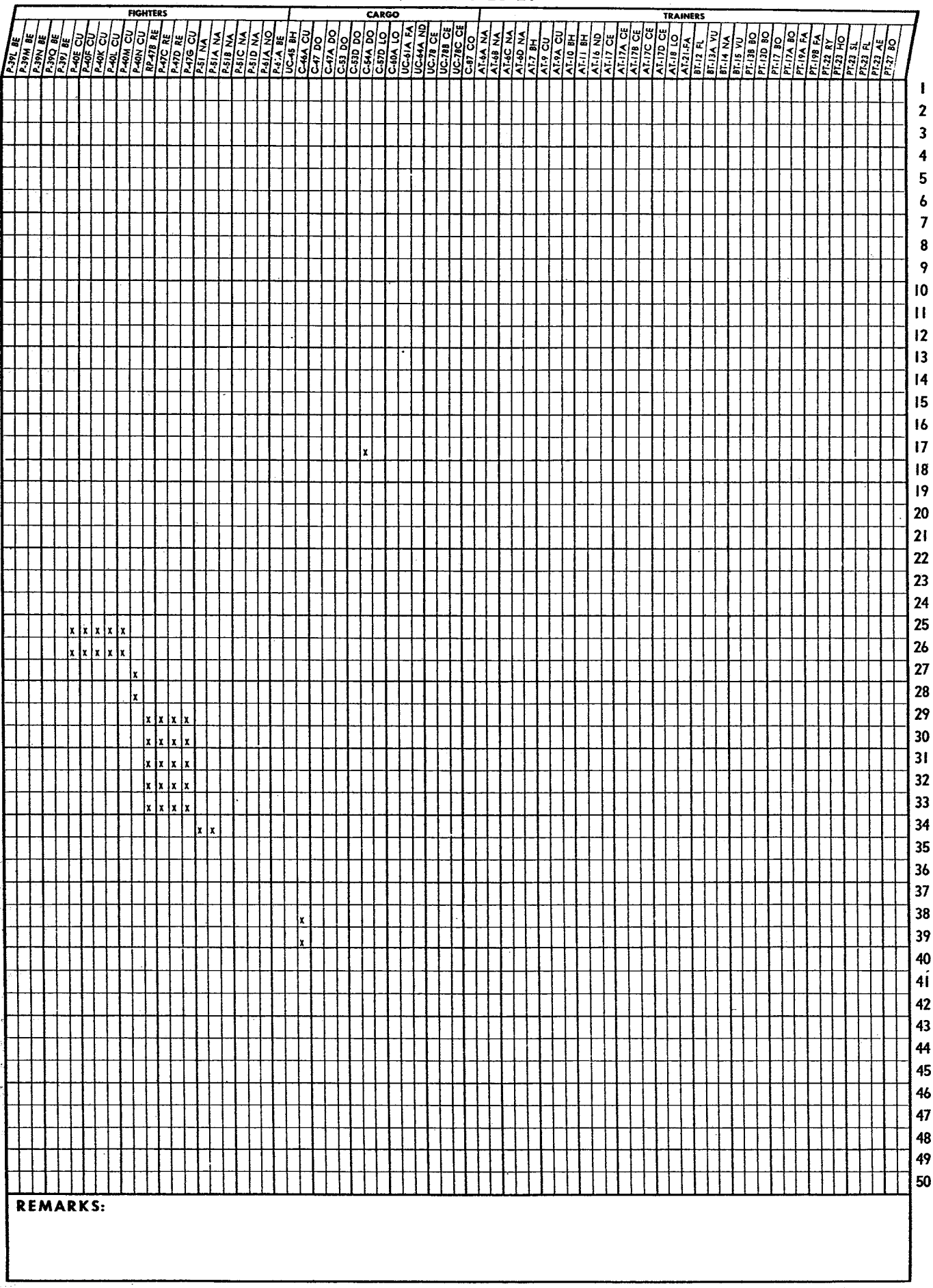

FIGHTERS
CARGO
TRAINERS
P-39L BE
P-39M BE
P-39N BE
P-39Q BE
P-39J BE
P-40E CU
P-40F CU
P-40K CU
P-40L CU
P-40M CU
P-40N CU
RP-47B RE
P-47C RE
P-47D RE
P-47G CU
P-51 NA
P-51A NA
P-51B NA
P-51C NA
P-51D NA
P-63A BE
UC-45 BH
C-46A CU
C-47 DO
C-47A DO
C-53 DO
C-53D DO
C-54A DO
C-57D LO
C-60A LO
UC-61A FA
UC-64A ND
UC-78 CE
UC-78B CE
UC-78C CE
C-87 CO
AT-6A NA
AT-6B NA
AT-6C NA
AT-6D NA
AT-7 BH
AT-9 CU
AT-9A CU
AT-10 BH
AT-11 BH
AT-16 ND
AT-17 CE
AT-17A CE
AT-17B CE
AT-17C CE
AT-17D CE
AT-18 LO
AT-21-FA
BT-12 FL
BT-13A VU
BT-14 NA
BT-15 VU
PT-13B BO
PT-13D BO
PT-17 BO
PT-17A BO
PT-19A FA
PT-19B FA
PT-22 RY
PT-23 HO
PT-23 SL
PT-23 FL
PT-23 AE
PT-27 BO

REMARKS:

VERTICAL INTERCHANGEABILITY BETWEEN RED LINES. DO NOT CROSS A RED LINE WHEN DETERMINING VERTICAL INTERCHANGEABILITY.

	DESCRIPTION	VENDOR	PART NO.	TYPE	B-17E BO	B-17F BO	B-17F DO	B-17F VE	B-17G DO	B-24D CO	B-24E CO	B-24E DO	B-24E FO	B-24G NA	B-24H FO	B-24H CO	B-24H DO	B-25C NA	B-25D NA	B-25G NA	B-25H NA	B-26B MA	B-26B1 MA	B-26C MA	B-34 VE	A-20B DO	A-20C BO	A-20C DO	A-20G DO	A-24A DO	A-24B DO	A-25A CU	A-28A LO	A-29 LO	A-29A LO	A-30A MA	A-35A VU	A-35B VU	A-36A NA	P-38E LO	P-38F LO	P-38G LO	P-38H LO	P-38J LO	P-38K LO	P-39D BE	P-39F BE	P-39K BE
1	CYLINDER ASSEMBLY - ACTUATING NOSE NOSE LANDING GEAR CONTINUED																																														
2	CLASS 01-B	AIRCRAFT ACCESS.	GK-32M8879						X	X	X	X	X																																				
3	" 03-G	BENDIX LTD	401452						X	X	X	X	X																																				
4	" "	BENDIX LTD	402686						X	X	X	X	X																																				
5	" 01-B	BENDIX LTD	CAC-CY-17						X	X	X	X	X																																				
6	" 03-G	HOUDE	0A-412						X	X	X	X	X																																				
7	" 01-M	FRIGIDAIRE	82-58028															X	X	X	X																												
8	" 01-K	MAYTAG	M-423-MT																			X	X	X																								
9	" 03-G	MAYTAG	613																			X	X	X																								
10	" 03-G	CHICAGO PNEU.	SK-5062																			X	X	X																								
11	" 01-D	PACIFIC PUMP	5062532																							X	X	X	X																		
12	" "	PACIFIC PUMP	5096457																							X	X	X	X																		
13	" 01-L	LOCKHEED	663015																																					X	X	X							
14	" 03-G	U.A.P.	51229																																					X	X	X							
15	" 01-L	LOCKHEED	663056																																								X	X	X			
16	" 03-G	U.A.P.	52021																																								X	X	X			
17	" 01-D	DOUGLAS	5073667																																													
18																																															
19	CYLINDER ASSEMBLY - ACTUATING TAIL LANDING GEAR																																														
20	CLASS 01-C	HOUDE	84-33-663																												X																	
21	" "	C. J. GARDINER	84-33-663																												X																	
22	" 01-Q	VULTEE	88-82208																																		X	X										
23	" 03-G	WEATHERHEAD	287810																																		X	X										
24	" 01-M	NORTH AMERICAN	97-58030																																				X									
25	" 01-C	HOUDE	87-37-905																																													
26	" "	EDWARDS	87-37-905																																													
27	" "	HOUDE	87-37-905-10																																													
28	" "	EDWARDS	87-37-905-10																																													
29	" 01-M	YORK ICE MACH. CO.	89F-38196																																												
30	" "	MACHINERY BUILDERS	89F-38196																																												
31	" "	BRUNAN-MEINAN	89F-38196																																												
32	" "	HOUDE	89F-38196																																												
33	" 03-G	HOUDE	0A-363																																												
34	" 01-M	NORTH AMERICAN	99-58030																																												
35																																														
36																																														
37																																														
38	" 01-C	BUFFALO GASOLINE	20-613-1000-1																																											
39	" "	HOUDE	20-363-1000-1																																												
40																																														
41	CYLINDER ASSEMBLY - ACTUATING MAIN LANDING GEAR UPLOCK																																														
42	CLASS 01-M	FRIGIDAIRE	62-58093	L.H.														X	X	X	X																											
43	" "	"	"	R.H.														X	X	X	X																											
44	" 01-K	MAYTAG	M-418-MT	L.H.																		X	X	X																								
45	" "	"	M-418-MTA	R.H.																		X	X	X																								
46	" 03-G	"	605	L.H.																		X	X	X																								
47	" "	"	606	R.H.																		X	X	X																								
48	" 01-K	"	M-509-MT	L.H.																																	X											
49	" "	"	M-509-MTA	R.H.																																	X											
50	CYLINDER ASSEMBLY - ACTUATING MAIN LANDING GEAR UPLOCK CONTINUED																																														

REMARKS:


FIGHTERS
CARGO
TRAINERS
P-38L BE
P-39M BE
P-39N BE
P-39Q BE
P-39J BE
P-40E CU
P-40F CU
P-40K CU
P-40L CU
P-40M CU
P-40N CU
RP-47B RE
P-47C RE
P-47D RE
P-47G CU
P-51 NA
P-51A NA
P-51B NA
P-51C NA
P-51D NA
P-61A NO
P-61A BE
UC-45 BH
C-46A CU
C-47 DO
C-47A DO
C-53 DO
C-53D DO
C-54A DO
C-57D LO
C-60A LO
UC-61A FA
UC-64A ND
UC-78 CE
UC-78B CE
UC-78C CE
C-87 CO
AT-6A NA
AT-6B NA
AT-6C NA
AT-6D NA
AT-7 BH
AT-9 CU
AT-9A CU
AT-10 BH
AT-11 BH
AT-16 ND
AT-17 CE
AT-17A CE
AT-17B CE
AT-17C CE
AT-17D CE
AT-18 LO
AT-21-FA
BT-12 FL
BT-13A VU
BT-14 NA
BT-15 VU
PT-13B BO
PT-13D BO
PT-17 BO
PT-17A BO
PT-19A FA
PT-19B FA
PT-22 RY
PT-23 HO
PT-23 SL
PT-23 FL
PT-23 AE
PT-27 BO

REMARKS:

VERTICAL INTERCHANGEABILITY BETWEEN RED LINES. DO NOT CROSS A RED LINE WHEN DETERMINING VERTICAL INTERCHANGEABILITY.

	DESCRIPTION	VENDOR	PART NO.	TYPE	HEAVY BOMBERS: B-17E BO	B-17F BO	B-17F DO	B-17F VE	B-17G DO	B-24D CO	B-24E CO	B-24E DO	B-24E FO	B-24G NA	B-24H FO	B-24H CO	B-24H DO	MEDIUM BOMBERS: B-25C NA	B-25D NA	B-25G NA	B-25H NA	B-26B MA	B-26B1 MA	B-26C MA	B-34 VE	LIGHT BOMBERS: A-20B DO	A-20C BO	A-20C DO	A-20G DO	A-24A DO	A-24B DO	A-25A CU	A-28A LO	A-29 LO	A-29A LO	A-30A MA	A-35A VU	A-35B VU	A-36A NA	FIGHTERS: P-38E LO	P-38F LO	P-38G LO	P-38H LO	P-38J LO	P-38K LO	P-39D BE	P-39F BE	P-39K BE
1	CYLINDER ASSEMBLY - ACTUATING MAIN LANDING GEAR UPLOCK CONTINUED																																															
2	CLASS 03-G	MAYTAG	657	L.H.																															X													
3	" "	"	658	R.H.																															X													
4	" 01-L	LOCKHEED	664023	L.H.																																				X	X	X	X	X	X			
5	" 03-G	BENDIX	401134	L.H.																																				X	X	X	X	X	X			
6	" 01-L	LOCKHEED	664023	R.H.																																				X	X	X	X	X	X			
7	" 03-G	BENDIX	401134-1	R.H.																																				X	X	X	X	X	X			
8																																															
9	CYLINDER ASSEMBLY - ACTUATING MAIN LANDING GEAR DOWNLOCK																																														
10	CLASS 01-M	FRIGIDAIRE	62-58092	L.H.													X	X	X	X																												
11	" "	"	"	R.H.													X	X	X	X																												
12	" "	"	62-33540	L.H.													X	X	X	X																												
13	" "	"	"	R.H.													X	X	X	X																												
14	" 01-K	MAYTAG	M-419-MT	L.H.																	X	X	X																								
15	" "	"	M-419-MTA	R.H.																	X	X	X																								
16	" 03-G	"	607	L.H.																	X	X	X																								
17	" "	"	608	R.H.																	X	X	X																								
18	" 01-K	"	M-517-MT	L.H.																																	X											
19	" "	"	M-517-MTA	R.H.																																	X											
20	" 03-G	"	661	L.H.																																	X											
21	" "	"	662	R.H.																																	X											
22	" 01-M	OTIS ELEVATOR	89C38224	L.H.																																											
23	" "	"	"	R.H.																																											
24	" "	COLUMBIA AXLE	"	L.H.																																											
25	" "	"	"	R.H.																																											
26	" "	SAVOY BRASS	"	L.H.																																											
27	" "	"	"	R.H.																																											
28	" "	RANE TOOL CO.	"	L.H.																																												
29	" "	"	"	R.H.																																											
30	" "	ALCO VALVE	"	L.H.																																											
31	" "	"	"	R.H.																																											
32	" 01-C	CURTISS	20-570-1031-1	L.H.																																										
33	" "	CURTISS	"	R.H.																																											
34	" "	SWIFT LUBRICATOR	"	L.H.																																											
35	" "	"	"	R.H.																																											
36																																															
37	CYLINDER ASSEMBLY - ACTUATING NOSE LANDING GEAR - UPLOCK																																															
38	CLASS 01-M	FRIGIDAIRE	62-58029														X	X	X	X																												
39	" 01-K	MAYTAG	M-417-MTA																		X	X	X																								
40	" "	"	603																		X	X	X																								
41	" 03-G	CHICAGO PNEU.	SK-5241																		X	X	X																								
42	" "	BENDIX LTD.	401135																																					X	X	X	X	X	X			
43	" 01-L	LOCKHEED	664022																																					X	X	X	X	X	X			
44																																															
45	CYLINDER ASSEMBLY - ACTUATING NOSE LANDING GEAR - DOWNLOCK																																														
46	" 01-M	FRIGIDAIRE	62-58029-2														X	X	X	X																												
47	" 01-K	MAYTAG	M-616-MT																		X	X	X																								
48	" 03-G	"	601																		X	X	X																								
49	" "	CHICAGO PNEU.	SK-5249																		X	X	X																								
50																																															

REMARKS:

FIGHTERS

	P-39L BE	P-39M BE	P-39N BE	P-39Q BE	P-39J BE	P-40E CU	P-40F CU	P-40K CU	P-40L CU	P-40M CU	P-40N CU	RP-47B RE	P-47C RE	P-47D RE	P-47G CU	P-51 NA	P-51A NA	P-51B NA	P-51C NA	P-51D NA	P-61A NO	P-63A BE
1																						
2																						
3																						
4																						
5																						
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22												x	x	x	x							
23												x	x	x	x							
24												x	x	x	x							
25												x	x	x	x							
26												x	x	x	x							
27												x	x	x	x							
28												x	x	x	x							
29												x	x	x	x							
30												x	x	x	x							
31												x	x	x	x							
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CARGO

	UC-45 BH	C-46A CU	C-47 DO	C-47A DO	C-53 DO	C-53D DO	C-54A DO	C-57D LO	C-60A LO	UC-61A FA	UC-64A ND	UC-78 CE	UC-78B CE	UC-78C CE	C-87 CO
1															
2															
3															
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TRAINERS

	AT-6A NA	AT-6B NA	AT-6C NA	AT-6D NA	AT-7 BH	AT-9 CU	AT-9A CU	AT-10 BH	AT-11 BH	AT-16 ND	AT-17 CE	AT-17A CE	AT-17B CE	AT-17C CE	AT-17D CE	AT-18 LO	AT-21-FA	BT-12 FL	BT-13A VU	BT-14 NA	BT-15 VU	PT-13B BO	PT-13D BO	PT-17 BO	PT-17A BO	PT-19A FA	PT-19B FA	PT-22 RY	PT-23 HO	PT-23 SL	PT-23 FL	PT-23 AE	PT-27 BO	
1																																		
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REMARKS:

VERTICAL INTERCHANGEABILITY BETWEEN RED LINES. DO NOT CROSS A RED LINE WHEN DETERMINING VERTICAL INTERCHANGEABILITY.

	DESCRIPTION	VENDOR	PART NO.	TYPE	B-17E BO	B-17F BO	B-17F DO	B-17F VE	B-17G DO	B-24D CO	B-24E CO	B-24E DO	B-24E FO	B-24G NA	B-24H FO	B-24H CO	B-24H DO	B-25C NA	B-25D NA	B-25G NA	B-25H NA	B-26B MA	B-26B1 MA	B-26C MA	RB-34 VE	A-20B DO	A-20C BO	A-20C DO	A-20G DO	A-24A DO	A-24B DO	A-35A CU	A-28A LO	A-29 LO	A-29A LO	A-30A MA	A-35A VU	A-35B VU	A-36A NA	P-38E LO	P-38F LO	P-38G LO	P-38H LO	P-38J LO	P-38K LO	P-39D BE	P-39F BE	P-39K BE	
1	CYLINDER ASSEMBLY - ACTUATING TAIL LANDING GEAR - UPLOCK				HEAVY BOMBERS													MEDIUM BOMBERS								LIGHT BOMBERS														FIGHTERS									1
2	CLASS 01-C	SIMMONS	20-570-1011-1																																													2
3	" "	ALCO VALVE	"																																													3
4	" "	O. F. CARLSON	"																																													4
5	" "	EDWARDS	"																																													5
6	" "	TUTHILL PUMP	"																																													6
7																																																7
8	CYLINDER ASSEMBLY - ACTUATING TAIL LANDING GEAR - DOWNLOCK																																															8
9	CLASS 01-C	O. F. CARLSON	20-570-1012-1																																														9
10	" "	SIMMONS	"																																													10
11	" "	ALCO VALVE	"																																													11
12	" "	EDWARDS	"																																													12
13	" "	TUTHILL PUMP	"																																													13
14																																																14
15	CYLINDER ASSEMBLY - ACTUATING MAIN LANDING GEAR DOOR																																															15
16	CLASS 03-G	BENDIX LTD	10455	L.H.																																				X	X	X	X	X	X				16
17	" 01-L	LOCKHEED	663010	L.H.																																				X	X	X	X	X	X				17
18	" "	"	663010	R.H.																																				X	X	X	X	X	X				18
19	" 03-G	BENDIX LTD	10455-1	R.H.																																				X	X	X	X	X	X				19
20	" "	" "	401876	L.H.																																													20
21	" "	" "	"	R.H.																																													21
22	" 01-M	YORK ICE MACHINERY	89C-38180	L.H.																																													22
23	" "	"	"	R.H.																																													23
24	" "	SIMMONS	"	L.H.																																													24
25	" "	"	"	R.H.																																													25
26	" "	MURRAY	"	L.H.																																													26
27	" "	"	"	R.H.																																													27
28	" "	HOUDE	"	L.H.																																													28
29	" "	"	"	R.H.																																													29
30																																																30
31	CYLINDER ASSEMBLY - ACTUATING NOSE LANDING GEAR DOOR																																															31
32	CLASS 01-K	MAYTAG	M-422-MT																			X	X	X																								32
33	" 03-G	"	611																			X	X	X																								33
34	" 01-K	PESCO	M-422-MT																			X	X	X																								34
35	" 03-G	BENDIX LTD	400770																																					X	X	X	X	X	X				35
36	" 01-L	LOCKHEED	663009																																					X	X	X	X	X	X				36
37	" 03-G	BENDIX	10454																																					X	X	X	X	X	X				37
38	" 01-L	LOCKHEED	663054																																					X	X	X	X	X	X				38
39	" 03-G	YARD, INC.	2540																																					X	X	X	X	X	X				39
40																																																40
41	CYLINDER ASSEMBLY - ACTUATING BOMB BAY DOORS																																															41
42	CLASS 03-G	AIRCRAFT ACCESS.	22028C							X	X	X	X	X	X	X	X																															42
43	" "	BENDIX	401721							X	X	X	X	X	X	X	X																															43
44	" 01-B	"	CAC-CY-15							X	X	X	X	X	X	X	X																															44
45	" "	AIRCRAFT ACCESS.	"							X	X	X	X	X	X	X	X																															45
46	" 01-B	"	6K32M8877							X	X	X	X	X	X	X	X																															46
47	" "	"	6K32M8900							X	X	X	X	X	X	X	X																															47
48	" "	HOUDE	6K32M8877							X	X	X	X	X	X	X	X																															48
49	" "	"	6K32M8900							X	X	X	X	X	X	X	X																															49
50	CYLINDER ASSEMBLY - ACTUATING BOMB BAY DOORS CONTINUED																																															50

REMARKS:

FIGHTERS

	P-39L BE	P-39M BE	P-39N BE	P-39Q BE	P-39J BE	P-40E CU	P-40F CU	P-40K CU	P-40L CU	P-40M CU	P-40N CU	RP-47B RE	P-47C RE	P-47D RE	P-47G CU	P-51 NA	P-51A NA	P-51B NA	P-51C NA	P-51D NA	P-61A NO	P-63A BE
1																							
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24												x	x	x	x							
25												x	x	x	x							
26												x	x	x	x							
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CARGO

	UC-45 BH	C-46A CU	C-47 DO	C-47A DO	C-53 DO	C-53D DO	C-54A DO	C-57D LO	C-60A LO	UC-61A FA	UC-64A ND	UC-78 CE	UC-78B CE	UC-78C CE	C-87 CO
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TRAINERS

	AT-6A NA	AT-6B NA	AT-6C NA	AT-6D NA	AT-7 BH	AT-9 CU	AT-9A CU	AT-10 BH	AT-11 BH	AT-16 ND	AT-17 CE	AT-17A CE	AT-17B CE	AT-17C CE	AT-17D CE	AT-18 LO	AT-21 FA	BT-12 FL	BT-13A VU	BT-14 NA	BT-15 VU	PT-13B BO	PT-13D BO	PT-17 BO	PT-17A BO	PT-19A FA	PT-19B FA	PT-22 RY	PT-23 HO	PT-23 SL	PT-23 FL	PT-23 AE	PT-27 BO	
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REMARKS:

VERTICAL INTERCHANGEABILITY BETWEEN RED LINES. DO NOT CROSS A RED LINE WHEN DETERMINING VERTICAL INTERCHANGEABILITY.

	DESCRIPTION	VENDOR	PART NO.	TYPE	B-17E BO	B-17F BO	B-17F DO	B-17F VE	B-17G DO	B-24D CO	B-24E CO	B-24E DO	B-24E FO	B-24G NA	B-24H FO	B-24H CO	B-24H DO	B-25C NA	B-25D NA	B-25G NA	B-26H NA	B-26B MA	B-26B1 MA	B-26C MA	RB-34 VE	A-20B DO	A-20C BO	A-20C DO	A-20G DO	A-24A DO	A-24B DO	A-25A CU	A-28A LO	A-29 LO	A-29A LO	A-30A MA	A-35A VU	A-35B VU	A-36A NA	P-38E LO	P-38F LO	P-38G LO	P-38H LO	P-38J LO	P-38K LO	P-39D BE	P-39F BE	P-39K BE
1	CYLINDER ASSEMBLY - ACTUATING BOMB BAY DOORS CONTINUED																																														
2	CLASS 01-B	BENDIX	6K3248877							X	X	X	X	X	X	X	X																															
3	" "	"	6K3248900							X	X	X	X	X	X	X	X																															
4	" "	AIRCRAFT ACCESS.	220288							X	X	X	X	X	X	X	X																															
5	" 03-G	U.A.P.	220288							X	X	X	X	X	X	X	X																															
6	" "	HOUDE	220288							X	X	X	X	X	X	X	X																															
7	" 01-H	ANDERSON MACHINE	62-58037															X	X	X	X																										
8	" "	WESTON AERO-DRAU.	62-58037															X	X	X	X																										
9	" "	FRIGIDAIRE	62-58037															X	X	X	X																										
10	" 01-K	MAYTAG	M-425-MT	FWD.																		X	X	X																						
11	" 03-G	"	615	"																		X	X	X																						
12	" 01-K	CHICAGO PNEU.	M-425-MT	"																		X	X	X																						
13	" "	MAYTAG	M-428-MT	AFT.																		X	X	X																						
14	" "	CHICAGO PNEU.	M-428-MT	"																		X	X	X																						
15	" 03-G	BENDIX	400700																						X																					
16	" 01-D	GARDNER DENVER	5066413																							X	X	X	X																	
17	" "	"	5096451																							X	X	X	X																	
18	" 01-C	ALCO VALVE	84-33-860																													X														
19	" "	EDWARDS	84-33-860																													X														
20	" "	RANE TOOL CO.	84-33-860																													X														
21	" 01-K	MAYTAG	M-514MT																																	X										
22	" 03-G	"	659																																	X										
23	" 01-Q	WEATHERHEAD	73-82205	FWD.																																	X	X								
24	" 03-G	"	287840	"																																	X	X								
25	" 01-Q	"	73-82206	AFT.																																	X	X								
26	" 03-G	"	287830	"																																	X	X								
27																																														
28	CYLINDER ASSEMBLY - ACTUATING CASE EJECTION DOOR																																													
29	CLASS 03-G	BENDIX	10501																														X	X					X							
30	" 01-L	LOCKHEED	663002																														X	X					X							
31	" 03-B	ADEL	B-10555	OUT-BOARD																																										
32	" "	WESTON AERO-DRAU.	25104	"																																										
33	" "	"	25106	IN-BOARD																																										
34	" "	ADEL	B-10558	"																																										
35																																														
36	CYLINDER ASSEMBLY - ACTUATING COWL FLAP																																													
37	CLASS 03-G	ADEL	6-9447		X	X	X	X	X																																					
38	" "	PACIFIC PUMP	6-9447		X	X	X	X	X																																					
39	" 01-M	WELLS AIRCRAFT	62-58035															X	X	X	X																										
40	" "	FRIGIDAIRE	62-58035-2															X	X	X	X																										
41	" 01-K	MAYTAG	M-429-MTA																			X	X	X																						
42	" 03-G	"	622																			X	X	X																						
43	" 01-D	INTERSTATE AIRCRAFT	4067452-501	UPPER																						X																				
44	" "	"	5063971-500	LOWER																						X																				
45	" "	VARD, INC.	4055692																								X																			
46	" "	ENG. LAB	"																								X																			
47	" 01-K	MAYTAG	M-506-MT																																		X										
48	" 03-G	"	651																																		X										
49	" 01-Q	VULTEE	73-82630																																			X	X								
50	CYLINDER ASSEMBLY - ACTUATING COWL FLAP CONTINUED																																													

REMARKS:

	FIGHTERS																						CARGO															TRAINERS																																		
	P-39L BE	P-39M BE	P-39N BE	P-39Q BE	P-39J BE	P-40E CU	P-40F CU	P-40K CU	P-40L CU	P-40M CU	P-40N CU	RP-47B RE	P-47C RE	P-47D RE	P-47G CU	P-51 NA	P-51A NA	P-51B NA	P-51C NA	P-51D NA	P-61A NO	P-63A BE	UC-45 BH	C-46A CU	C-47 DO	C-47A DO	C-53 DO	C-53D DO	C-54A DO	C-57D LO	C-60A LO	UC-61A FA	UC-64A ND	UC-78 CE	UC-78B CE	UC-78C CE	C-87 CO	AT-6A NA	AT-6B NA	AT-6C NA	AT-6D NA	AT-7 BH	AT-9 CU	AT-9A CU	AT-10 BH	AT-11 BH	AT-16 ND	AT-17 CE	AT-17A CE	AT-17B CE	AT-17C CE	AT-17D CE	AT-18 LO	AT-21-FA	BT-12 FL	BT-13A VU	BT-14 NA	BT-15 VU	PT-13B BO	PT-13D BO	PT-17 BO	PT-17A BO	PT-19A FA	PT-19B FA	PT-22 RY	PT-23 HO	PT-23 SL	PT-23 FL	PT-23 AE	PT-27 BO		
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REMARKS:

VERTICAL INTERCHANGEABILITY BETWEEN RED LINES. DO NOT CROSS A RED LINE WHEN DETERMINING VERTICAL INTERCHANGEABILITY.

	DESCRIPTION	VENDOR	PART NO.	TYPE	HEAVY BOMBERS: B-17E BO	B-17F BO	B-17F DO	B-17F VE	B-17G DO	B-24D CO	B-24E CO	B-24E DO	B-24E FO	B-24G NA	B-24H FO	B-24H CO	B-24H DO	MEDIUM BOMBERS: B-25C NA	B-25D NA	B-25G NA	B-25H NA	B-26B MA	B-26B1 MA	B-26C MA	RB-34 VE	LIGHT BOMBERS: A-20B DO	A-20C BO	A-20C DO	A-20G DO	A-24A DO	A-24B DO	A-25A CU	A-28A LO	A-29 LO	A-29A LO	A-30A MA	A-35A VU	A-35B VU	A-36A NA	FIGHTERS: P-38E LO	P-38F LO	P-38G LO	P-38H LO	P-38J LO	P-38K LO	P-39D BE	P-39F BE	P-39K BE
1	CYLINDER ASSEMBLY - ACTUATING COWL FLAP CONTINUED																																															
2	CLASS 03-G	WEATHERHEAD	287820																																		X	X											
3	" 01-N	HOUDE	89C38338																																														
4	" 01-C	A.B. EQUIP.	20-570-1382-1																																														
5	" "	TUTHILL PUMP	"																																													
6	" "	O. F. CARLSON	"																																													
7	" "	OVERMEYER	"																																													
8	" 01-D	GARDNER DENVER	2116312 (*)																																													
9	" "	BAKEWELL	2018007 (*)																																													
10	" "	PACIFIC AVIATION	4105380																																													
11																																															
12	CYLINDER ASSEMBLY - ACTUATING WING FLAPS																																														
13	CLASS 03-G	U.A.P.	51381							X	X	X	X	X																																		
14																																															
15	" "	"	51381-500 (**)							X	X	X	X	X																																		
16																																															
17	" 01-M	FRIGIDAIRE	62-58032	L.H.														X	X	X	X																										
18	" "	"	62-58032	R.H.														X	X	X	X																										
19	" 01-K	MAYTAG	M-420MT																			X	X	X																						
20	" "	"	D-364012MT																			X	X	X																						
21	" 03-G	"	609																			X	X	X																						
22	" "	U.A.P.	19055	L.H.																					X																						
23	" "	"	19055-1	R.H.																					X																						
24	" 01-D	PACIFIC PUMP	5096448	OUTER L.H.																						X	X	X	X																		
25	" "	"	5063964	OUTER L.H.																						X	X	X	X																		
26	" "	U.A.P.	5063964	OUTER L.H.																						X	X	X	X																		
27	" "	"	5063964-1	OUTER R.H.																						X	X	X	X																		
28	" "	PACIFIC PUMP	5063964-1	OUTER R.H.																						X	X	X	X																		
29	" "	"	5096449	OUTER R.H.																						X	X	X	X																		
30	" "	"	5063963	INNER L.H.																						X	X	X	X																		
31	" "	U.A.P.	"	INNER L.H.																						X	X	X	X																		
32	" "	MURRAY	5096460	INNER L.H.																						X	X	X	X																		
33	" "	"	5096460-1	INNER R.H.																						X	X	X	X																		
34	" "	U.A.P.	5063963-1	INNER R.H.																						X	X	X	X																		
35	" "	PACIFIC PUMP	5063963-1	INNER R.H.																						X	X	X	X																		
36	" 01-K	MAYTAG	M-508-MT																																		X										
37	" 03-G	"	655																																		X										
38	" 01-Q	VULTEE	72-82811																																			X	X									
39	" 03-G	WEATHERHEAD	286640																																			X	X									
40	" 01-M	NORTH AMERICAN	97-58032	L.H.																																				X								
41	" "	"	97-58032-1	R.H.																																				X								
42	" 01-N	HOUDE	89C-38210	L.H.																																												
43	" "	"	"	R.H.																																												
44	" "	YORK ICE MACH. CO.	"	L.H.																																												
45	" "	"	"	R.H.																																												
46	" "	MACHINERY BUILDERS	"	L.H.																																												
47	" "	"	"	R.H.																																												
48	" "	MURRAY	89C-38210	L.H.																																												
49	" "	"	"	R.H.																																												
50	CYLINDER ASSEMBLY - ACTUATING WING FLAPS CONTINUED																																															

REMARKS: LINE NUMBERS IN RED.

(*) (8,9) THE C-47A STRUT AND LINE ASSEMBLY 5140045 IS INTERCHANGEABLE WITH THE C-53D ACTUATING CYLINDER IF THE HOSES AND LINE WHICH ATTACH TO THE C-53D STRUT ARE NOT REMOVED.

(**) (15) LATER MODEL.

	FIGHTERS																					CARGO														TRAINERS																																
	P-39L BE	P-39M BE	P-39N BE	P-39Q BE	P-39J BE	P-40E CU	P-40F CU	P-40K CU	P-40L CU	P-40M CU	P-40N CU	RP-47B RE	P-47C RE	P-47D RE	P-47G CU	P-51 NA	P-51A NA	P-51B NA	P-51C NA	P-51D NA	P-61A NO	P-63A BE	UC-45 BH	C-46A CU	C-47 DO	C-47A DO	C-53 DO	C-53D DO	C-54A DO	C-57D LO	C-60A LO	UC-61A FA	UC-64A ND	UC-78 CE	UC-78B CE	UC-78C CE	C-87 CO	AT-6A NA	AT-6B NA	AT-6C NA	AT-6D NA	AT-7 BH	AT-9 CU	AT-9A CU	AT-10 BH	AT-11 BH	AT-16 ND	AT-17 CE	AT-17A CE	AT-17B CE	AT-17C CE	AT-17D CE	AT-18 LO	AT-21-FA	BT-12 FL	BT-13A VU	BT-14 NA	BT-15 VU	PT-13B BO	PT-13D BO	PT-17 BO	PT-17A BO	PT-19A FA	PT-19B FA	PT-22 RY	PT-23 HO	PT-23 SL	PT-23 FL	PT-23 AE	PT-27 BO	
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REMARKS:

VERTICAL INTERCHANGEABILITY BETWEEN RED LINES. DO NOT CROSS A RED LINE WHEN DETERMINING VERTICAL INTERCHANGEABILITY

	DESCRIPTION	VENDOR	PART NO.	TYPE	B-17E BO	B-17F BO	B-17F DO	B-17F VE	B-17G DO	B-24D CO	B-24E CO	B-24E DO	B-24E FO	B-24G NA	B-24H FO	B-24H CO	B-24H DO	B-25C NA	B-25D NA	B-25G NA	B-25H NA	B-26B MA	B-26B1 MA	B-26C MA	RB-34 VE	A-20B DO	A-20C BO	A-20C DO	A-20G DO	A-24A DO	A-24B DO	A-25A CU	A-28A LO	A-29 LO	A-29A LO	A-30A MA	A-35A YU	A-36B VU	A-36A NA	P-38E LO	P-38F LO	P-38G LO	P-38H LO	P-38J LO	P-38K LO	P-39D BE	P-39F BE	P-39K BE
1	CYLINDER ASSEMBLY - ACTUATING WING FLAPS CONTINUED																																															
2	CLASS 01-N	BRUNAN-WEINAN	89C-38210	L.H.																																													
3	" "	"	"	R.H.																																													
4	" 01-D	INTERSTATE	513770																																														
5	" "	"	513786																																													
6	" "	"	516566																																														
7	" "	CENTURY AIRCRAFT	5117384 (*)																																													
8	" "	"	538647 (*)																																													
9	" 01-C	REDA PUMP	20-540-1045-1	OUTER L.H.																																													
10	" "	"	"	OUTER R.H.																																													
11	" "	NARRAGANSETT	"	"																																												
12	" "	"	"	" L.H.																																													
13	" "	HOUDE	20-540-1045-1	OUTER L.H.																																													
14	" "	"	"	" R.H.																																												
15	" "	REDA PUMP	20-540-1046-1	INNER L.H.																																													
16	" "	"	"	" R.H.																																												
17	" "	NARRAGANSETT	"	" L.H.																																													
18	" "	"	"	" R.H.																																												
19	" "	HOUDE	"	" L.H.																																													
20	" "	"	"	" R.H.																																												
21	" 01-D	BAKEWELL	5108362-4	INB'D																																												
22	" "	"	" -2	OUTB'D																																													
23	" 03-G	U.A.P.	51851																																														
24																																																
25	CYLINDER, ACTUATING OIL COOLER SHUTTER																																															
26	CLASS 01-K	MAYTAG	M-429-MT																			X	X	X																								
27	" 03-G	"	621																			X	X	X																								
28	" 03-G	U.A.P.	51802																																					X									
29																																																
30	CYLINDER ASSEMBLY - ACTUATING MASTER BRAKE																																															
31	" 03-G	GOODYEAR	270788																													X	X	X						X	X	X	X	X	X	X			
32	" 01-L	LOCKHEED	662004																													X	X	X						X	X	X	X	X	X	X			
33	" 03-G	WARNER	3800																																														
34	" "	"	3150-6																																														
35	" "	"	3150-9																																												X	X	X
36	" 01-T	GLADDEN	24-514-018	L.H.																																													
37	" "	"	"	R.H.																																													
38	" 01-M	NORTH AMERICAN	97-334020	L.H.																																				X									
39	" "	"	97-334021	R.H.																																				X									
40	" 03-G	WARNER	3300-6																																														
41	" 01-D	BENDIX	56845	L.H.																												X	X															
42	" "	"	56846	R.H.																												X	X															
43	" 01-M	NORTH AMERICAN	99-334020	L.H.																																												
44	" "	"	99-334021	R.H.																																													
45	" 03-G	WARNER	3615-1	L.H.																																		X	X									
46	" "	"	"	R.H.																																		X	X									
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REMARKS: LINE NUMBERS IN RED

(*) (7 & 8) CYLINDERS LESS FITTINGS ARE INTERCHANGEABLE.

FIGHTERS

	P-39L BE	P-39M BE	P-39N BE	P-39Q BE	P-39J BE	P-40E CU	P-40F CU	P-40K CU	P-40L CU	P-40M CU	P-40N CU	RP-47B RE	P-47C RE	P-47D RE	P-47G CU	P-51 NA	P-51A NA	P-51B NA	P-51C NA	P-51D NA	P-61A NO	P-63A BE
1																						
2												x	x	x	x							
3												x	x	x	x							
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43																	x	x	x	x		
44																	x	x	x	x		
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CARGO

	UC-45 BH	C-46A CU	C-47 DO	C-47A DO	C-53 DO	C-53D DO	C-54A DO	C-57D LO	C-60A LO	UC-61A FA	UC-64A ND	UC-78 CE	UC-78B CE	UC-78C CE	C-87 CO
1															
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3															
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7			x	x	x	x									
8			x	x	x	x									
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TRAINERS

	AT-6A NA	AT-6B NA	AT-6C NA	AT-6D NA	AT-7 BH	AT-9 CU	AT-9A CU	AT-10 BH	AT-11 BH	AT-16 ND	AT-17 CE	AT-17A CE	AT-17B CE	AT-17C CE	AT-17D CE	AT-18 LO	AT-21 FA	BT-12 FL	BT-13A VU	BT-14 NA	BT-15 VU	PT-13B BO	PT-13D BO	PT-17 BO	PT-17A BO	PT-19A FA	PT-19B FA	PT-22 RY	PT-23 HO	PT-23 SL	PT-23 FL	PT-23 AE	PT-27 BO
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REMARKS:

VERTICAL INTERCHANGEABILITY BETWEEN RED LINE. DO NOT CROSS A RED LINE WHEN DETERMINING VERTICAL INTERCHANGEABILITY.

	DESCRIPTION	VENDOR	PART NO.	TYPE	HEAVY BOMBERS: B-17E BO	B-17F BO	B-17F DO	B-17F VE	B-17G DO	B-24D CO	B-24E CO	B-24E DO	B-24E FO	B-24G NA	B-24H FO	B-24H CO	B-24H DO	B-25C NA	B-25D NA	B-25G NA	B-25H NA	B-26B MA	B-26B1 MA	B-26C MA	B-34 VE	MEDIUM BOMBERS: A-20B DO	A-20C BO	A-20C DO	A-20G DO	A-24A DO	A-24B DO	LIGHT BOMBERS: A-25A CU	A-28A LO	A-29 LO	A-29A LO	A-30A MA	A-35A VU	A-36A NA	FIGHTERS: P-38E LO	P-38F LO	P-38G LO	P-38H LO	P-38J LO	P-38K LO	P-39D BE	P-39E BE	P-39K BE
1	ACCUMULATOR ASSY.																																													
2	CLASS 03-1 FITTING																																													
2	" "	PACIFIC PUMP	6-10485	PISTON	X																																									
3	" "	A.O. SMITH	100029-10			X																																									
4	" " 3/4-18	VICKERS	AA14002A	5" SPH.						X	X	X	X	X	X	X	X	X	X	X	X											• X				• X			• X	• X	• X	• X	• X	• X			
5	" " 3/4-18	BENDIX LTD	403249-2	5" SPH.						X	X	X	X	X	X	X	X	X	X	X	X											• X				• X			• X	• X	• X	• X	• X	• X			
6	" " 3/4-18	BENDIX LTD	402961-2	5" SPH.						X	X	X	X	X	X	X	X	X	X	X	X											• X				• X			• X	• X	• X	• X	• X	• X			
7	" " 3/4-16	VICKERS	AA14007A	5" SPH.						• X	• X	• X	• X	• X	• X	• X	• X	• X	• X	• X	• X											X				• X			• X	• X	• X	• X	• X	• X			
8	" " 3/4-16	"	AA14007B (**)	5" SPH.						• X	• X	• X	• X	• X	• X	• X	• X	• X	• X	• X	• X											X				• X			• X	• X	• X	• X	• X	• X			
9	" " 3/8-PIPE	"	AA14000A	5" SPH.						• X	• X	• X	• X	• X	• X	• X	• X	• X	• X	• X	• X											• X				• X			X	X	X	X	X	X			
10	" " 3/8-PIPE	"	402961-3	5" SPH.						• X	• X	• X	• X	• X	• X	• X	• X	• X	• X	• X	• X											• X				• X			X	X	X	X	X	X			
11	" " 3/4-18	"	AA14005A	10" SPH.						X	X	X	X	X	X	X	X					X	X	X								• X															
12	" " 3/4-18	BENDIX LTD	403494	10" SPH.						X	X	X	X	X	X	X	X					X	X	X								• X															
13	" " 3/4-18	VICKERS	AA14005B (**)	10" SPH.						• X	• X	• X	• X	• X	• X	• X	• X					• X	• X	• X								• X															
14	" " 3/4-16	"	AA14008A	10" SPH.						• X	• X	• X	• X	• X	• X	• X	• X					• X	• X	• X								X															
15	" " 3/4-16	"	AA14008B (**)	10" SPH.						• X	• X	• X	• X	• X	• X	• X	• X					• X	• X	• X								• X															
16	" " 3/4-16	BENDIX LTD	403592	10" SPH.						• X	• X	• X	• X	• X	• X	• X	• X					• X	• X	• X								X															
17	" " 7/8-14	"	403600	10" SPH.						• X	• X	• X	• X	• X	• X	• X	• X					• X	• X	• X								• X															
18	" " 7/8-14	VICKERS	AA14009A	10" SPH.						• X	• X	• X	• X	• X	• X	• X	• X					• X	• X	• X								• X															
19	" " 7/8-14	"	AA14009P (**)	10" SPH.						• X	• X	• X	• X	• X	• X	• X	• X					• X	• X	• X								• X															
20	" " 3/8-PIPE	"	AA14001A	10" SPH.						• X	• X	• X	• X	• X	• X	• X	• X					• X	• X	• X								• X															
21	" " 1-1/16-14	"	AA14004A	10" SPH.						• X	• X	• X	• X	• X	• X	• X	• X					• X	• X	• X								• X															
22	CLASS 01-D SPHERICAL DIAPHRAM	DOUGLAS	5096412																							X	X	X	X																
23	CLASS 01-D SPHERICAL DIAPHRAM	"	5063977																							X	X	X	X																
24	CLASS 01-M	NORTH AMERICAN	83-58054	PISTON																																		X							
25	" " CYLINDRICAL DIAPHRAM	NORTH AMERICAN	62-58376	L.H.														A X	X																										
26	CLASS 01-M CYLINDRICAL DIAPHRAM	"	62-58376-1	R.H.														A X	X																										
27	CLASS 03-1 3/4-18	BENDIX LTD	401531	SPH. 7-1/2"																																			X	X	X					
28	" " 3/4-16	"	401696	SPH. 7-1/2"																																			• X	• X	• X					
29	" " 3/4-16	"	403714	SPH. 7-1/2"																																			• X	• X	• X					
30	" " 3/4-16	"	403715	SPH. 7-1/2"																																			• X	• X	• X					
31																																													
32	DAMPER ASSEMBLY ANTI-SHIMMY NOSE STRUTS																																												
33	CLASS 03-G	AIRCRAFT ACCESS.	24001A (*)							X	X	X	X	X	X	X	X																												
34	" "	AIRCRAFT ACCESS.	24001C (*)							X	X	X	X	X	X	X	X																												
35	" "	HOUDE	A-10560 (**) A9750 (A)							X	X	X	X	X	X	X	X																												
36	" "	HOUDE	A-10662 A8697 (A)															X	X	X	X																								
37	" "	"	A6725																			X																							
38	" "	"	A-10663 (**) A9866 (A)																				X	X																					
39																																													
40																																													
41	" "	"	A-10684 A9806 (A)																																									X	X	X
42	" "	"	A-10695 A9123 (A)																																										
43	" "	"	A-10715 A9820 (A)																																										
44																																													
45	VALVE ASSY. - RELIEF																																												
46	PRESSURE & TANK OPENING / POUNDS SQ. IN. / CLASS																																												
47	9/16 250 (*) 03-1	BENDIX LTD	402227-2																																				X	X	X					
48	9/16 875 (*) "	" "	402227-4																																				X	X	X					
49																																													
50	VALVE ASSY. - RELIEF CONT.																																												

REMARKS: LINE NUMBERS IN RED.

(*) (4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 28, 29, 30) ADAPTER NECESSARY. NOTE CHANGE OF FITTINGS OR THREADS IF THIS SUBSTITUTION IS MADE.

(**) (8, 13, 15, 19) TAKES AN STANDARD FITTINGS.

A (25) USED ON B-25C SERIAL NO.'S 41-12434 TO 41-12516 LEFT HAND ONLY.

A (26) USED ON B-25C SERIAL NO.'S 41-12434 TO 41-12516 RIGHT HAND ONLY.

(*) (33, 34) REQUIRE COLLAR, HOUDE PART NO. 9761.

(**) (35, 38) LATER MODEL.

(*) (47, 48) P. S. I. ADJUSTABLE FOR INTERCHANGEABILITY.

(A) (35, 36, 38, 41, 42, 43) TOP NUMBER IS NEWEST PART NO. ASSIGNED THESE ASSEMBLIES; EFFECTIVE ABOUT 15/10/43.

FIGHTERS

	P-39L BE	P-39M BE	P-39N BE	P-39Q BE	P-39J BE	P-40E CU	P-40F CU	P-40K CU	P-40L CU	P-40M CU	P-40N CU	RP-47B RE	P-47C RE	P-47D RE	P-47G CU	P-51 NA	P-51A NA	P-51B NA	P-51C NA	P-51D NA	P-61A NO	P-63A BE
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CARGO

	UC-45 BH	C-46A CU	C-47 DO	C-47A DO	C-53 DO	C-53D DO	C-54A DO	C-57D LO	C-60A LO	UC-61A FA	UC-64A ND	UC-78 CE	UC-78B CE	UC-78C CE	C-87 CO
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TRAINERS

	AT-6A NA	AT-6B NA	AT-6C NA	AT-6D NA	AT-7 BH	AT-9 CU	AT-9A CU	AT-10 BH	AT-11 BH	AT-16 ND	AT-17 CE	AT-17A CE	AT-17B CE	AT-17C CE	AT-17D CE	AT-18 LO	AT-21-FA	BT-12 FL	BT-13A VU	BT-14 NA	BT-15 VU	PT-13B BO	PT-13D BO	PT-17 BO	PT-17A BO	PT-19A FA	PT-19B FA	PT-22 RY	PT-23 HO	PT-23 SL	PT-23 FL	PT-23 AE	PT-27 BO	
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REMARKS:

VERTICAL INTERCHANGEABILITY BETWEEN RED LINES. DO NOT CROSS A RED LINE WHEN DETERMINING VERTICAL INTERCHANGEABILITY.

	DESCRIPTION	VENDOR	PART NO.	TYPE
1	VALVE ASSY - RELIEF CONT-			
2	CLASS / TANK OPENING / PRESSURE AND SQ. IN. / POUNDS			
3	03-1 / 3/4-18 / 1500 (A)	VICKERS	AA11501	
4	" / 3/4-18 / 1825 (A)	"	AA11502	
5	" / 3/4-16 / 1250 (A)	"	AA11503 (*)	
6	" / 3/4-16 / 1350 (A)	"	AA11504 (*)	
7	" / 3/4-16 / 1825 (A)	"	AA11505 (*)	
8	"	PARKER	601-DD-1/8D	
9	" / 3/8	"	5365-HT-6D	
10	" / 1.5 (*)	"	6001-DD-1/4D	
11	"	HOOF PROD.	HL-871	
12				
13	" / 1.5 (*)	PARKER	6001-FT-4D	
14	"	"	AN-D 1/4*	
15	"	"	5365-HT-4D	
16	"	"	3-1140-20A	
17	"	"	7-3140-4	
18	"	"	5501-1-3/4D	
19	CLASS 01-D / 1/2-20 / 1000	DOUGLAS	2063291	
20	"	"	272778-1	
21	" / 1200	"	4085700-2	
22	" / 7/16-20	"	1125832-2	
23	"	"	112583-3	
24	CLASS 01-C / 3/8 / 1800	CURTISS	87-33-025	
25	" / 3/8	"	87-33-066	
26	"	"	87-33-520	L.H.
27	"	"	87-33-520	R.H.
28	CLASS 03-1	KENYON	7-500-8-1	
29	"	BENDIX LTD	41-9795	
30				
31				
32	VALVE ASSY - RELIEF WING FLAP / CLASS 01-D	DOUGLAS	2119018	
33	"	"	4061707	
34	"	"	4096453	
35	"	"	4063978	
36	CLASS 01-C	CURTISS	87-33-069	
37	CLASS 03-1	HOOF PROD.	HL-771	
38				
39	VALVE ASSY. - SEQUENCE			
40	CLASS / SIZE OPENING / THREAD			
41	03-1 / 9/16 / 20	VICKERS	AA17000A	R.H.
42	" / 9/16 / 20	"	AA17004	R.H.
43	" / 9/16 / 20	"	AA17001A	L.H.
44	" / 9/16 / 20	"	AA17005	L.H.
45	" / 9/18 / 20	"	AA17002 (*)	R.H.
46	" / 9/18 / 20	"	AA17003 (*)	L.H.
47	"	HOOF PROD.	DH-71	
48	"	" "	DH-72	
49				
50				

	HEAVY BOMBERS															MEDIUM BOMBERS										LIGHT BOMBERS																		FIGHTERS									
	B-17E BO	B-17F BO	B-17F DO	B-17F VE	B-17G DO	B-24D CO	B-24E CO	B-24E DO	B-24E FO	B-24G NA	B-24H FO	B-24H CO	B-24H DO	B-25C NA	B-25D NA	B-25G NA	B-25H NA	B-26B NA	B-26B1 MA	B-26C MA	RB-34 VE	A-20B DO	A-20C BO	A-20C DO	A-20G DO	A-24A DO	A-24B DO	A-25A CU	A-28A LO	A-29 LO	A-30A LO	A-30A MA	A-35A VU	A-35B VU	A-36A NA	P-38E LO	P-38F LO	P-38G LO	P-38H LO	P-38J LO	P-38K LO	P-39D BE	P-39E BE	P-39K BE
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50																																																			

REMARKS: LINE NUMBERS IN RED.

A (3, 4, 5, 6, 7) ADJUST TO PROPER PRESSURE.

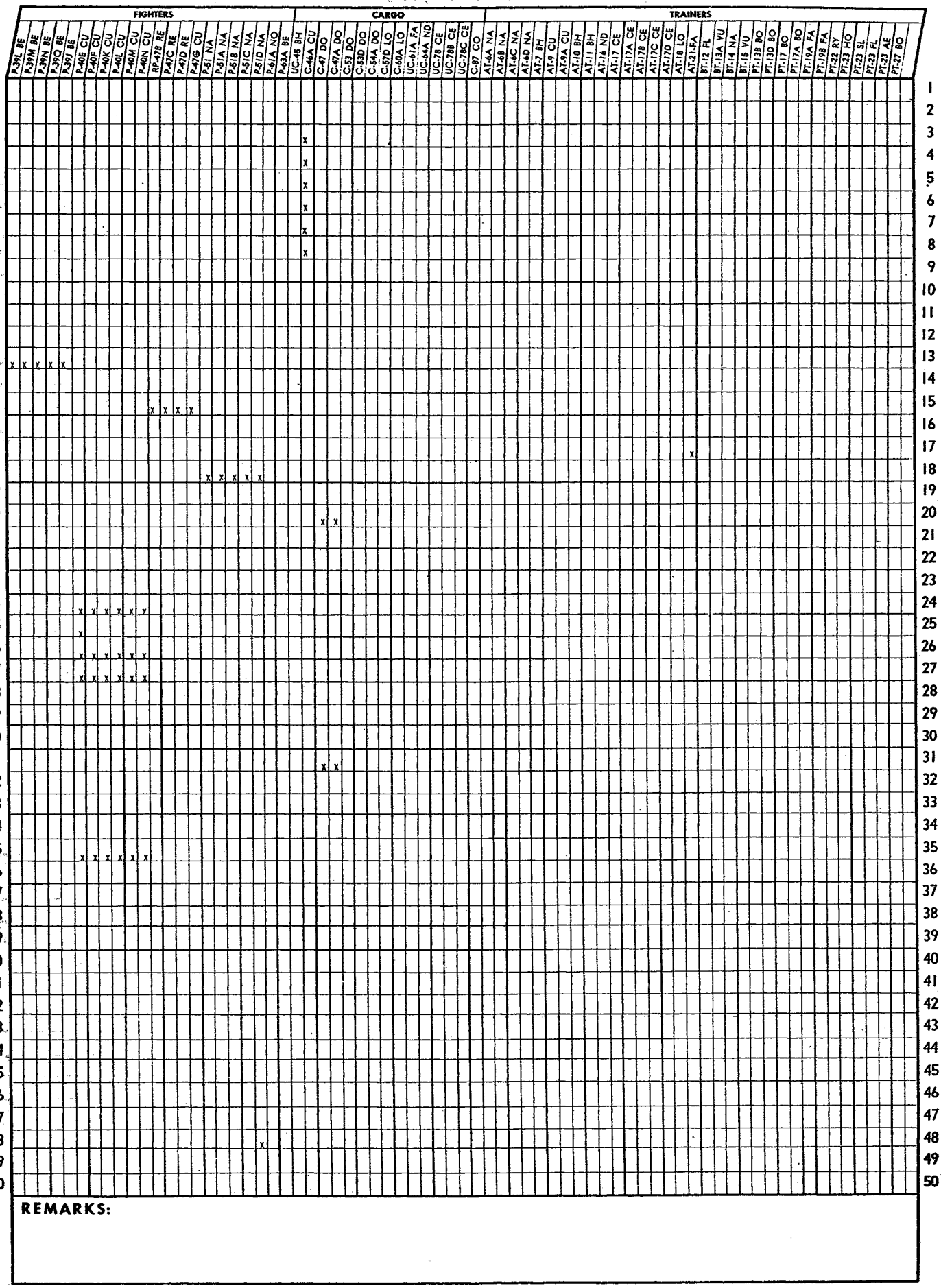
(*) (5) DESIGNED FOR A-25A, C-46A. NOTE PRESSURE SETTING.

(*) (6) DESIGNED FOR B-26B, B-26B-1 AND LATER MODEL THAN AA11501. NOTE THREAD CHANGE.

(*) (7) DESIGNED FOR A-30A AND LATER MODEL THAN AA11502. NOTE THREAD CHANGE.

(*) (10, 13) ADJUSTABLE FROM 1 LB. TO 6 LB. FOR ANTI-ICING.

(*) (45, 46) MAY BE USED ON B-26B, B-26B1, NOTE THREAD CHANGE.


FIGHTERS
CARGO
TRAINERS
P-39L BE
P-39M BE
P-39N BE
P-39Q BE
P-39J BE
P-40E CU
P-40F CU
P-40K CU
P-40L CU
P-40M CU
P-40N CU
RP-47B RE
P-47C RE
P-47D RE
P-47G CU
P-51 NA
P-51A NA
P-51B NA
P-51C NA
P-51D NA
P-61A NO
P-63A BE
UC-45 BH
C-46A CU
C-47 DO
C-47A DO
C-53 DO
C-53D DO
C-54A DO
C-87D LO
C-60A LO
UC-61A FA
UC-64A ND
UC-78 CE
UC-78B CE
UC-78C CE
C-87 CO
AT-6A NA
AT-6B NA
AT-6C NA
AT-6D NA
AT-7 BH
AT-9 CU
AT-9A CU
AT-10 BH
AT-11 BH
AT-16 ND
AT-17 CE
AT-17A CE
AT-17B CE
AT-17C CE
AT-17D CE
AT-18 LO
AT-21-FA
BT-12 FL
BT-13A VU
BT-14 NA
BT-15 VU
PT-13B BO
PT-13D BO
PT-17 BO
PT-17A BO
PT-19A BO
PT-19A FA
PT-19B FA
PT-22 RY
PT-23 HO
PT-23 SL
PT-23 FL
PT-23 AE
PT-27 BO

REMARKS:

VERTICAL INTERCHANGEABILITY BETWEEN RED LINES. DO NOT CROSS A RED LINE WHEN DETERMINING VERTICAL INTERCHANGEABILITY.

NOTE: PORT SIZE AND THREAD IS SHOWN FOR ACCUMULATOR (ACC.); PRESSURE (PR.), TANK AND DRAIN OPENINGS. UNLOADING AND LOADING POUNDS SQUARE INCH (P.S.I.), IS SHOWN BELOW.

o - INDICATES ORIGINAL EQUIPMENT.

CLASS 03-1

	DESCRIPTION	VENDOR	PART NO.	TYPE
	VALVE ASSEMBLY - UNLOADING			
	ACC. PR. TANK DRAIN			
3	3/4-18 3/4-18 3/4-18 7/16-20	VICKERS	AA-14503	
4	" " " "	"	AA-14510	
5	5/8 PIPE 3/8 PIPE 3/8 PIPE 1/8 PIPE	"	AA-14502	
6	3/4-16 3/4-16 3/4-16 7/16-20	"	AA-14542	
7	3/4-16 3/4-16 3/4-16 7/16-20	"	AA-14520	
8	" " " "	"	AA-14543	
9	3/4-18 3/4-18 3/4-18 "	"	AA-14505	
10	3/4-16 3/4-16 3/4-16 "	"	AA-14521	
11	" " " "	"	AA-14540	
12	3/8 PIPE 1/3 PIPE 1/2 PIPE 1/8 PIPE	"	AA-14515	
13	3/4-16 3/4-16 3/4-16	"	AA-14516	
14	" " "	"	AA-14514	
15	3/4-18 3/4-18 3/4-18	"	AA-14507	
16	3/8 PIPE 3/8 PIPE 3/8 PIPE	"	AA-14500	
17	1/2 PIPE 1/2 PIPE 1/2 PIPE	"	AA-14506	
18	" " "	"	AA-14528	
19	3/4-18 3/4-18 3/4-18	"	AA-14522	
20	1/2 PIPE 1/2 PIPE 1/2 PIPE	"	AA-14513	
21	" " "	"	AA-14501	
22	3/4-16 3/4-16 3/4-16	"	AA-14530	
23	" " "	"	AA-14532	
24	3/4-18 3/4-18 3/4-18	"	AA-14512	
25	7/16 -20 7/16 -20 7/16 -20	"	AA-14511	
26	" " "	"	AA-14523	
27	3/4-18 3/4-18 3/4-18 7/16-20	"	AA-14518	
28	" " " "	"	AA-14526	
29				
30				

UNLOADING VALVE - SETTINGS

LINE NO.	UNLOADING P.S.I.	LOADING P.S.I.
3, 4, 5, 6, 7, 13, 15, 16	1000-1050	850- 900
8, 9	1525-1600	1400-1450
10	1500-1550	1250-1300
11, 12	660- 710	580- 630
14	1075-1125	950-1000
17	770- 820	650- 700
18	725- 775	600- 675
19	825- 875	700- 750
20	1200-1250	1000-1050
21, 22	1300-1350	1150-1200
23, 24, 25	1200-1250	1050-1100
26	1350-1400	1200-1250
27	975-1025	775- 825
28	950-1000	825- 875

HEAVY BOMBERS: B-17E BO; B-17F BO; B-17F DO; B-17F VE; B-17G DO; B-24D CO; B-24E CO; B-24E DO; B-24E FO; B-24G NA; B-24H FO; B-24H CO; B-24H DO

MEDIUM BOMBERS: B-25C NA; B-25D NA; B-25G NA; B-25H NA; B-26B MA; B-26B1 MA; B-26C MA; RB-34 VE

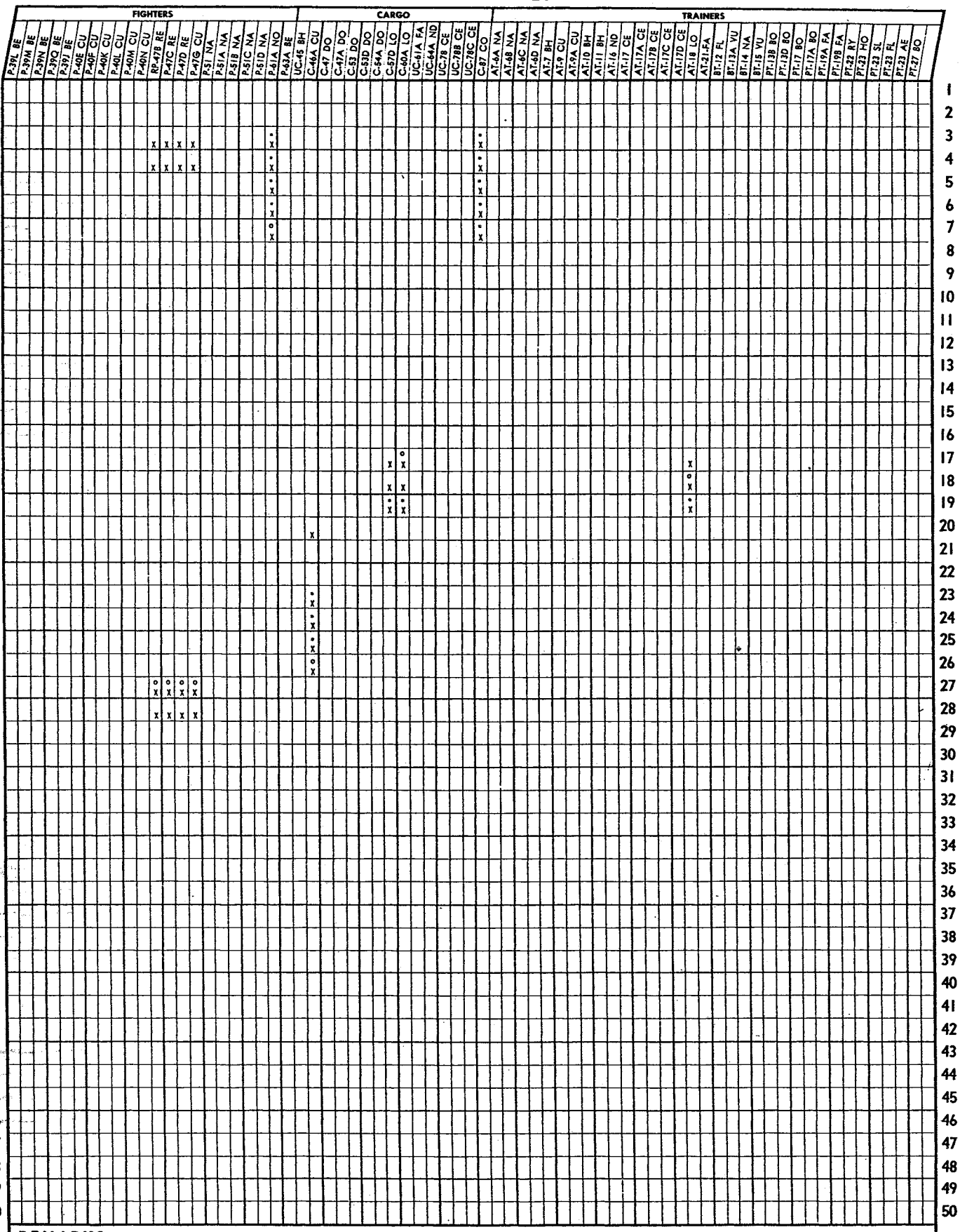
LIGHT BOMBERS: A-20B DO; A-20C BO; A-20C DO; A-20G DO; A-24A DO; A-24B DO; A-28A CU; A-28A LO; A-29 LO; A-29A LO; A-30A MA; A-35A VU; A-35B VU; A-36A NA

FIGHTERS: P-38E LO; P-38F LO; P-38G LO; P-38H LO; P-38J LO; P-38K LO; P-39D BE; P-39F BE; P-39K BE

REMARKS: LINE NUMBERS IN RED.

(*) USE ADAPTER - CHANGE OF FITTINGS NECESSARY, REFER TO COLUMN 1 UNDER DESCRIPTION FOR CORRECT SIZE FITTINGS.

(o) INDICATES ORIGINAL EQUIPMENT


FIGHTERS
CARGO
TRAINERS
P-39L BE
P-39M BE
P-39N BE
P-39Q BE
P-39J BE
P-40E CU
P-40F CU
P-40K CU
P-40L CU
P-40M CU
P-40N CU
RP-47B RE
P-47C RE
P-47D RE
P-47G CU
P-51 NA
P-51A NA
P-51B NA
P-51C NA
P-61D NA
P-61A NO
P-63A BE
UC-45 BH
C-46A CU
C-47 DO
C-47A DO
C-53 DO
C-53D DO
C-54A DO
C-57D LO
C-60A LO
UC-61A FA
UC-64A ND
UC-78 CE
UC-78B CE
UC-78C CE
C-87 CO
AT-6A NA
AT-6B NA
AT-6C NA
AT-6D NA
AT-7 BH
AT-9 CU
AT-9A CU
AT-10 BH
AT-11 BH
AT-16 ND
AT-17 CE
AT-17A CE
AT-17B CE
AT-17C CE
AT-17D CE
AT-18 LO
AT-21-FA
BT-12 FL
BT-13A VU
BT-14 NA
BT-15 VU
PT-13B BO
PT-13D BO
PT-17 BO
PT-17A BO
PT-19A FA
PT-19B FA
PT-22 RY
PT-23 HO
PT-23 SL
PT-23 RL
PT-23 AE
PT-27 BO

REMARKS:

VERTICAL INTERCHANGEABILITY BETWEEN RED LINES. DO NOT CROSS A RED LINE WHEN DETERMINING VERTICAL INTERCHANGEABILITY.

NOTE: VERTICAL INTERCHANGEABILITY HAS NOT BEEN ESTABLISHED AT THIS PRINTING DATE.

	DESCRIPTION	VENDOR	PART NO.	TYPE	B-17E BO	B-17F BO	B-17F DO	B-17F VE	B-17G DO	B-24D CO	B-24E CO	B-24E DO	B-24E FO	B-24G NA	B-24H FO	B-24H CO	B-24H DO	B-25C NA	B-25D NA	B-25G NA	B-25H NA	B-26B MA	B-26BI MA	B-26C MA	B-34 VE	A-20B DO	A-20C BO	A-20C DO	A-20G DO	A-24A DO	A-24B DO	A-25A CU	A-28A LO	A-29 LO	A-29A LO	A-30A MA	A-35A VU	A-36A NA	P-38E LO	P-38F LO	P-38G LO	P-38H LO	P-38J LO	P-38K LO	P-39D BE	P-39F BE	P-39K BE
1	VALVE ASSEMBLY - CHECK																																													
2	CLASS 03-1	PARKER APPLIANCE CO.	525-GG-1"D		X	X	X	X	X																																						
3	CLASS 01-F	BOEING	41-7060-1		X																																										
4	"	"	51-674		X																																										
5	CLASS 03-1 1/2 T.S. 3/4-18	BENDIX LTD	401561			X		X		X	X															X	X	X	X										X	X	X						
6	" 3/8 T.S.	" "	401337				X																																								
7	"	PARKER APPLIANCE CO.	8AGVET-D							X	X	X	X	X	X	X	X																															
8	"	"	475-HT-8D							X	X	X	X	X	X	X	X																															
9	"	"	475-HT-6D							X	X	X	X	X	X	X	X	X	X	X	X																											
10	" 1/2 T.S. 3/4-18	BENDIX LTD	402681-2							X	X		X																																			
11	" 1/2 T.S. to 5/8 7/8-18	" "	401567							X	X	X	X																								X				X	X	X			X	X	X
12	" FREE 3/4-18 POPPET	" "	402484							X	X		X																																			
13	" 3/8 T.S. 9/16-18	" "	401555-2								X		X																									X	X									
14	"		6-239-10							X																																						
15	" 3/8 T.S. to 1/4 (INTERNAL)	" "	402930															X	X																						X	X	X						
16	" 3/8 T.S. 1/4 (")	" "	403719															X	X																													
17	"	HOOF PROD.	HL-475-LFT-8D															X	X	X	X																											
18	"	" "	HL-475-LFT-6D															X	X	X	X																											
19	"	PARKER APPLIANCE CO.	475-LGT-6D															X	X	X	X																											
20	"	"	404-FT-4D																			X	X	X													X										
21	"	"	AND-1/4 CHECK																			X	X	X													X										
22	" 1/2 T.S. 3/8 PIPE	BENDIX LTD	402493																							X		X																			
23	" " " 3/4-18	" "	402494																							X		X																			
24	"	" "	402495																							X		X																			
25	CLASS 01-D	DOUGLAS	2099275																							X																					
26	"	"	2120866																							X																					
27	"	"	2120867																							X																					
28	" 1/2 T.S. 3/4-18	"	2064841																								X	X																			
29	"	"	2067265																								X	X																			
30	CLASS 03-1	PARKER APPLIANCE CO.	404-GG-1/8D																											X	X																
31	"	BENDIX LTD	403002																											X	X																
32	" 1/4-T.S. 7/16-20	" "	401549-2																													X															
33	" 1/2 T.S. 3/4-16	" "	401561-2																														X	X													
34	"	PARKER APPLIANCE CO.	AN-6207-8D																																	X											
35	"	"	404-LFT-4D																																	X											
36	"	HOOF PROD.	HL-475-HT-6D																																		X	X									
37	"	" "	HL-475-HT-8D																																		X	X									
38	"	PARKER APPLIANCE CO.	475-GG-6D																																				X	X	X	X	X	X				
39	"	"	6-4GG-D																																													
40	"	HOOF PROD.	HL-475-GG-1/4D																																												
41	"	PARKER APPLIANCE CO.	525-GG-10D																																												
42	"	"	525-FT-10D																																												
43	"	"	525-GG-12D																																												
44	"	"	525-GG-1/4D																																												
45	"	"	525-GG-3/8D																																												
46	"	WEATHERHEAD	278020																																												
47	" 1/2 T.S. 3/4-18	BENDIX LTD	402681-3																																												
48	"	PARKER APPLIANCE CO.	404-LGT-6B																																												
49	"	"	404-GT-8-4B																																												
50																																															

HEAVY BOMBERS | MEDIUM BOMBERS | LIGHT BOMBERS | FIGHTERS

REMARKS:

FIGHTERS

Row	P-39L BE	P-39M BE	P-39N BE	P-39Q BE	P-39J BE	P-40E CU	P-40F CU	P-40K CU	P-40L CU	P-40M CU	P-40N CU	RP-47B RE	P-47C RE	P-47D RE	P-47G CU	P-51 NA	P-51A NA	P-51B NA	P-51C NA	P-51D NA	P-61A NO	P-63A BE
1																						
2																						
3																						
4																						
5																						
6																						
7																						
8												X	X	X	X						X	
9																					X	
10																						
11	X	X	X																			
12																						
13																						
14																						
15																						
16																						
17																						
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20																						
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28																						
29																						
30																						
31																						
32																						X
33																						
34																						
35																						
36																						
37																						
38																						
39																X	X	X	X	X		
40																X	X	X	X	X		
41																					X	
42																					X	
43																						X
44																						
45																						
46																						
47																						
48																						
49																						
50																						

CARGO

Row	UC-45 BH	C-46A CU	C-47 DO	C-47A DO	C-53 DO	C-53D DO	C-54A DO	C-57D LO	C-60A LO	UC-61A FA	UC-64A ND	UC-78 CE	UC-78B CE	UC-78C CE	C-87 CO
1															
2															
3															
4															
5			X	X											
6															
7															
8							X								
9															
10															
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27															
28															
29															
30															
31															
32		X													
33															
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35															
36															
37															
38															
39															
40															
41							X								
42															
43															
44		X													
45		X													
46		X													
47			X	X											
48			X	X											
49			X	X											
50															

TRAINERS

Row	AT-6A NA	AT-6B NA	AT-6C NA	AT-6D NA	AT-7 BH	AT-9 CU	AT-9A CU	AT-10 BH	AT-11 BH	AT-16 ND	AT-17 CE	AT-17A CE	AT-17B CE	AT-17C CE	AT-17D CE	AT-18 LO	AT-21 FA	BT-12 FL	BT-13A VU	BT-14 NA	BT-15 VU	PT-13B BO	PT-13D BO	PT-17 BO	PT-17A BO	PT-19A FA	PT-19B FA	PT-22 RY	PT-23 HO	PT-23 SL	PT-23 FL	PT-23 AE	PT-27 BO
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39	X	X	X	X																													
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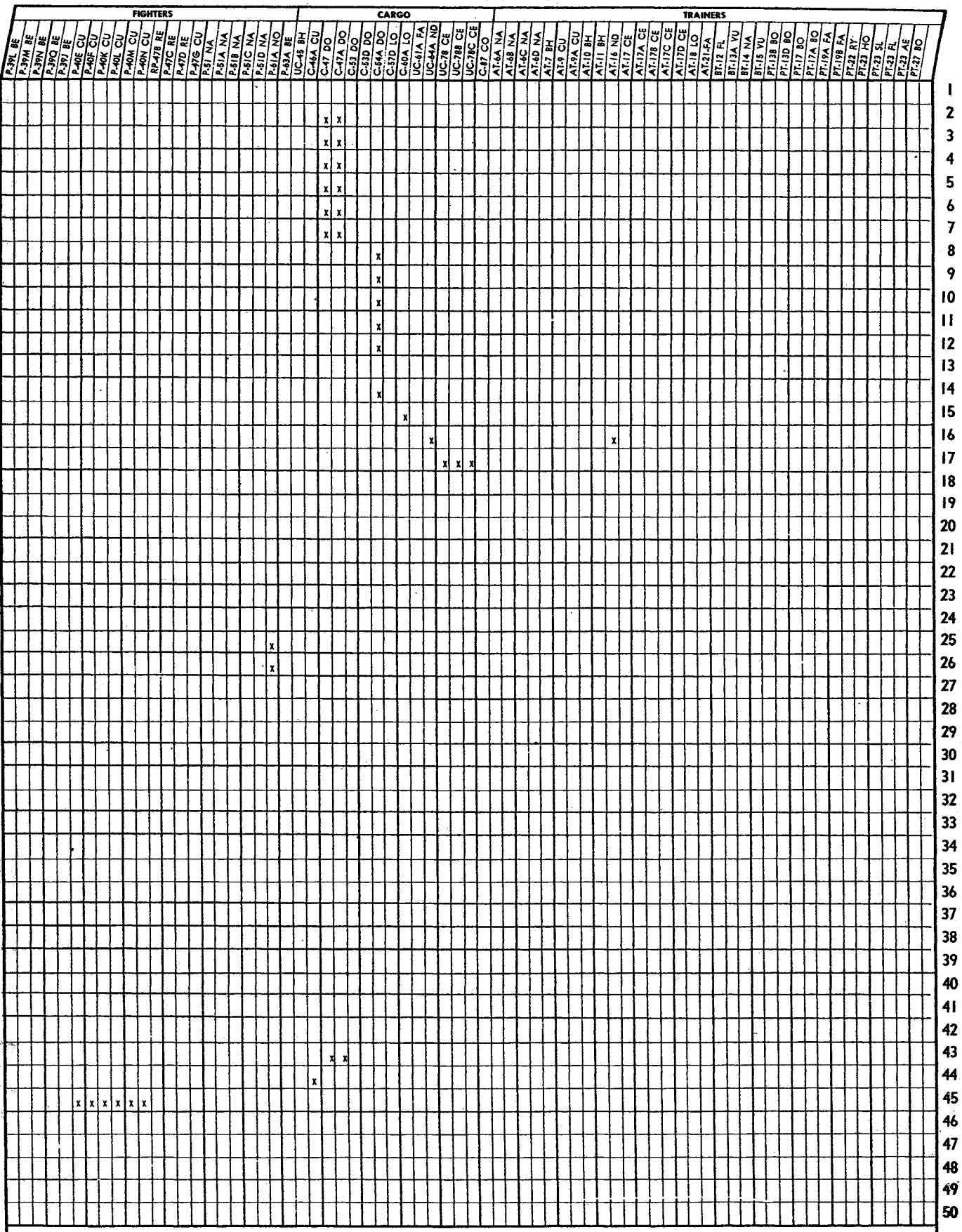
REMARKS:

VERTICAL INTERCHANGEABILITY BETWEEN RED LINES. DO NOT CROSS A RED LINE WHEN DETERMINING VERTICAL INTERCHANGEABILITY.

NOTE: VERTICAL INTERCHANGEABILITY HAS NOT BEEN ESTABLISHED AT THIS PRINTING DATE.

	DESCRIPTION	VENDOR	PART NO.	TYPE	B-17E BO	B-17F BO	B-17F DO	B-17F VE	B-17G DO	B-24D CO	B-24E CO	B-24E DO	B-24E FO	B-24G NA	B-24H FO	B-24H CO	B-24H DO	B-25C NA	B-25D NA	B-25G NA	B-25H NA	B-26B MA	B-26B1 MA	B-26C MA	RB-34 VE	A-20B DO	A-20C BO	A-20C DO	A-20G DO	A-24A DO	A-24B DO	A-25A CU	A-28A LO	A-29 LO	A-29A LO	A-30A MA	A-35A VU	A-35B VU	A-36A NA	P-38E LO	P-38F LO	P-38G LO	P-38H LO	P-38J LO	P-38K LO	P-39D BE	P-39F BE	P-39K BE
1	VALVE ASSEMBLY - CHECK - CONT.				HEAVY BOMBERS													MEDIUM BOMBERS								LIGHT BOMBERS														FIGHTERS								
2	CLASS 03-1	PARKER APPLIANCE CO.	406-LFT-8S																																												
3	" "	"	406-NT-8S																																												
4	" "	"	407-DT-8S																																												
5	" "	"	407-LDT-8S																																											
6	" "	"	406-FF-3/8S																																											
7	" "	"	407-DD-3/8D																																											
8	" "	"	5-1540-21																																											
9	" "	"	475-BG-1/8S																																											
10	" "	"	475-BG-3/8S																																											
11	" "	"	475-NT-8S																																											
12	" "	"	475-LFT-8S																																											
13	" "	"	475-LFT-10S																																											
14	" "	BENDIX LTD	403012																																											
15	" "	PARKER APPLIANCE CO.	525-LFG-1/8D																																											
16	" "	"	404-GG-10D																																											
17	" "	"	525-GG-3/8D																																											
18																																														
19	VALVE ASSEMBLY - SHUTTLE																																													
20	CLASS 03-1	HOOF PROD.	HL-794																																		X	X									
21	" "	" "	HL-795																																		X	X									
22	" "	" "	HL-510															X	X																											
23	" "	" "	HL-5100															X	X																											
24	" "	" "	HL-5101															X	X	X	X																											
25	" "	" "	HL-357																																												
26	" "	" "	HL-790																																												
27																																														
28	VALVE ASSEMBLY - SELECTOR BOMB BAY DOOR																																												
29	CLASS 01-M	N. AMER.	82-58016															X	X																											
30	" "	"	62-58016															X	X																											
31	CLASS 01-D	DOUGLAS	4099128																						X																					
32	" "	"	4092159 (*)																								X	X	X																	
33	" "	"	4092182 (*)																								X	X	X																	
34																																														
35	VALVE ASSEMBLY - SELECTOR COWL FLAPS																																												
36	CLASS 01-D	DOUGLAS	4065506																								X	X																		
37	" "	"	4065507	UPPER																							X	X																		
38	" "	"	4065508	LOWER L.H.																							X	X																		
39	" "	"	4065567	LOWER R.H.																							X	X																		
40	" "	"	4099339	LOWER L.H.																						X																					
41	" "	"	4099345	LOWER R.H.																						X																					
42	" "	"	4099818																						X																					
43	" "	"	2116312																																											
44	CLASS 01-C	CURTISS	20-640-1099																																											
45	" "	"	87-33503																																											
46	CLASS 01-M	N. AMER.	62-58011															X	X																											
47	CLASS 03-1	ADEL	G-9744		X																																								
48	" "	"	D-9530																				X																						
49	" "	AIR ACCES.	62050																																							X	X	X			
50	" "	"	62036																						X																					

REMARKS: LINE NUMBERS IN RED.
(*) (32) VALVE LESS FITTINGS.
(*) (33) VALVE AND FITTINGS SAME VALVE AS #4092159.


FIGHTERS
CARGO
TRAINERS
P-39L BE
P-39M BE
P-39N BE
P-39Q BE
P-39J BE
P-40E CU
P-40F CU
P-40K CU
P-40L CU
P-40M CU
P-40N CU
RP-47B RE
P-47C RE
P-47D RE
P-47G CU
P-51 NA
P-51A NA
P-51B NA
P-51C NA
P-51D NA
P-61A NO
P-63A BE
UC-45 BH
C-46A CU
C-47 DO
C-47A DO
C-53 DO
C-53D DO
C-54A DO
C-57D LO
C-60A LO
UC-61A FA
UC-64A ND
UC-78 CE
UC-78B CE
UC-78C CE
C-87 CO
AT-6A NA
AT-6B NA
AT-6C NA
AT-6D NA
AT-7 BH
AT-9 CU
AT-9A CU
AT-10 BH
AT-11 BH
AT-16 ND
AT-17 CE
AT-17A CE
AT-17B CE
AT-17C CE
AT-17D CE
AT-18 LO
AT-21-FA
BT-12 FL
BT-13A VU
BT-14 NA
BT-15 VU
PT-13B BO
PT-13D BO
PT-17 BO
PT-17A BO
PT-19A FA
PT-19B FA
PT-22 RY
PT-23 HO
PT-23 SL
PT-23 FL
PT-23 AS
PT-27 BO
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REMARKS:

VERTICAL INTERCHANGEABILITY BETWEEN RED LINES. DO NOT CROSS A RED LINE WHEN DETERMINING VERTICAL INTERCHANGEABILITY.

	DESCRIPTION	VENDOR	PART NO.	TYPE
1	VALVE ASSY - SELECTOR LANDING GEAR			
2	CLASS 01-D	DOUGLAS	4063988	
3	" "	"	4062358-500	
4	CLASS 01-M	NORTH AMERICAN	62-58011	
5	" "	"	97-58074	
6	" "	"	97-58011	
7	" " LANDING GEAR DOOR	"	97-580190	L.H.
8	" " " " "	"	97-580191	R.H.
9	" "	"	97-58074	
10	" "	"	73-58074	
11	" "	"	62-58057	
12	CLASS 01-C	CURTISS	87-33-503	
13	CLASS 03-I	AIRCRAFT ACCESS.	62017	
14	" "	"	62048	
15	" "	BENDIX LTD	10474	
16	" "	ADEL	D-9560	
17	" "	"	D-9632	
18				
19	VALVE ASSY - BRAKE			
20	CLASS 01-M EMERGENCY BRAKE VALVE	NORTH AMERICAN	62A-58025	
21	CLASS 01-D	DOUGLAS	5007340-500	
22	" "	"	5096450	L.H.
23	" "	"	5096450-1	R.H.
24	" "	"	5068111	L.H.
25	" "	"	5068111-1	R.H.
26	CLASS 01-F EMERGENCY BRAKE VALVE	BOEING	3-15176	
27	" "	"	3-9584-4	L.H.
28	" "	"	3-9584-5	R.H.
29	" "	"	3-984-1	L.H.
30	" "	"	3-984-2	R.H.
31				
32	CLASS 03-I			
33	VALVE ASSY - VICKERS BRAKE - SINGLE			
34	PR., TANK & CYLINDER / PEDAL LOAD / POUNDS SQ. IN.			
35	3/4-16 / 190-210 / 310-325	VICKERS	AA13003	
36	3/4-16 / 190-210 / 255-265	"	AA13035	
37	9/16-18 / 175-195 / 325-340	"	AA13032	
38	9/16-18 / 175-195 / 335-350	"	AA13031	
39	3/4-16 / 175-195 / 310-325	"	AA13033	
40				
41	CLASS 03-I			
42	VALVE ASSY - VICKERS BRAKE - DOUBLE			
43	PR. & TANK / CYLINDER / PEDAL LOAD / POUNDS SQ. IN.			
44	7/16-18 / 3/4-16 / 235-255 / 330-345	VICKERS	AA13010	
45	7/8-14 / 3/4-16 / 215-235 / 275-285	"	AA13013	
46	3/4-18 / 9/16-20 / 180-200 / 310-325	"	AA13016	
47	9/16-18 / 9/16-18 / 235-255 / 330-345	"	AA13022	
48	7/8-18 / 3/4-18 / 250-270 / 405-425	"	AA14020	
49	7/8-18 / 3/4-18 / 250-270 / 450-475	"	AA14017	
50				

	HEAVY BOMBERS																					MEDIUM BOMBERS										LIGHT BOMBERS																		FIGHTERS										
	B-17E BO	B-17F BO	B-17F DO	B-17F VE	B-17G DO	B-24D CO	B-24E CO	B-24E DO	B-24E FO	B-24G NA	B-24H FO	B-24H CO	B-24H DO	B-25C NA	B-25D NA	B-25G NA	B-25H NA	B-26B MA	B-26B1 MA	B-26C MA	RB-34 VE	A-20B DO	A-20C BO	A-20C DO	A-20G DO	A-24A DO	A-24B DO	A-25A CU	A-28A LO	A-29 LO	A-30A MA	A-35A VU	A-35B VU	A-36A NA	P-38E LO	P-38F LO	P-38G LO	P-38H LO	P-38J LO	P-38K LO	P-39D BE	P-39F BE	P-39K BE
1																																																							
2																							X	X																														
3																							X	X																														
4														X	X																																							
5																																		X																				
6																																		X																				
7																																		X																				
8																																		X																				
9																																		X																				
10																																																						
11														X	X																																							
12															-		.																																				
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16																		X																																				
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20														X	X	X																																						
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26		X																																																		
27		X																																																		
28		X																																																		
29	X																																																			
30	X																																																			
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37																												X																									
38																												X																									
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40																																																					
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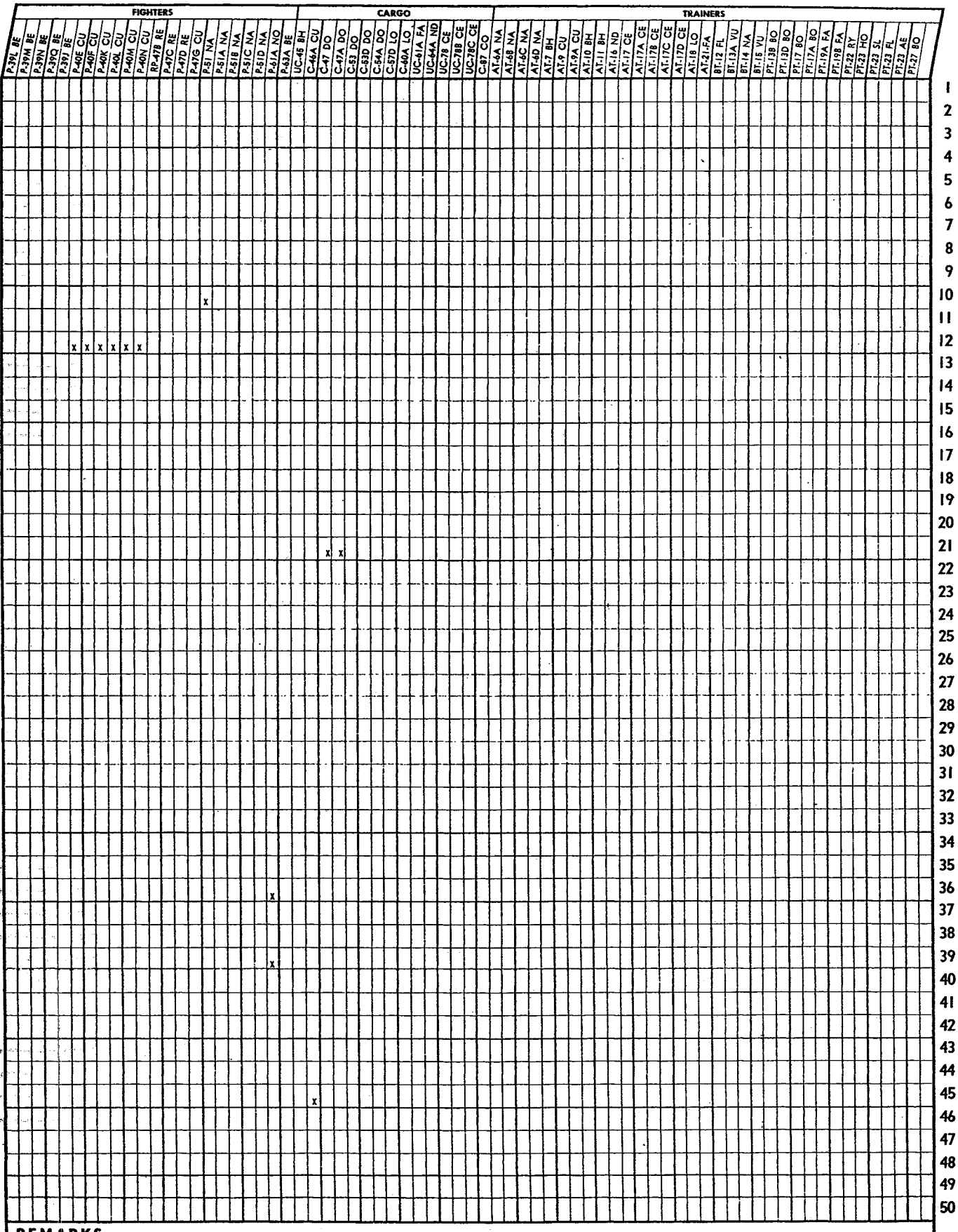
44														X	X	X																																						
45																																																						
46																																X																					
47														• X	• X	• X																																						
48																		X	X	X																																	
49																		X	X	X																																	
50																																																					

REMARKS: NOTE: VERTICAL INTERCHANGEABILITY HAS NOT BEEN DETERMINED AT THIS PRINTING DATE FOR LINES (2) THROUGH LINE (30).
(*) (35, 39, 47) ADAPTER IS REQUIRED.


FIGHTERS
CARGO
TRAINERS
P-39L BE
P-39M BE
P-39N BE
P-39Q BE
P-39J BE
P-40E CU
P-40F CU
P-40K CU
P-40L CU
P-40M CU
P-40N CU
RP-47B RE
P-47C RE
P-47D RE
P-47G CU
P-51 NA
P-51A NA
P-51B NA
P-51C NA
P-51D NA
P-61A NO
P-63A BE
UC-45 BH
C-46A CU
C-47 DO
C-47A DO
C-53 DO
C-53D DO
C-54A DO
C-57D LO
C-60A LO
UC-61A FA
UC-64A ND
UC-78 CE
UC-78B CE
UC-78C CE
C-87 CO
AT-6A NA
AT-6B NA
AT-6C NA
AT-6D NA
AT-7 BH
AT-9 CU
AT-9A CU
AT-10 BH
AT-11 BH
AT-16 ND
AT-17 CE
AT-17A CE
AT-17B CE
AT-17C CE
AT-17D CE
AT-18 LO
AT-21-FA
BT-12 FL
BT-13A VU
BT-14 NA
BT-15 VU
PT-13B BO
PT-13D BO
PT-17 BO
PT-17A BO
PT-19A FA
PT-19B FA
PT-22 RY
PT-23 HO
PT-23 SL
PT-23 FL
PT-23 AE
PT-27 BO

REMARKS:

VERTICAL INTERCHANGEABILITY BETWEEN RED LINES. DO NOT CROSS A RED LINE WHEN DETERMINING VERTICAL INTERCHANGEABILITY.

Line	CLASS 03-1 DESCRIPTION			VENDOR	PART NO.	TYPE
1	PUMPS HYD. (ENG. DRIVEN)					
2	PORT POS.	PORT SIZE	ROTATION			
3	END	1/2 - 1/2	EITHER	PESCO	349-P	
4	"	1/2 - 3/4	EITHER	"	349-G	
5	"	1/2 - 1/2	EITHER	"	349-GA	
6	"	7/8 - 7/8	EITHER	"	349-H	
7	"	7/8 - 7/8	EITHER	"	349-HA	
8	SIDE	1/2 - 1/2	EITHER	"	349-N	
9	END	1/2 - 1/2	EITHER	"	349-L	
10	"	3/4 - 3/4	EITHER	"	349-M	
11	"	1/2 - 1/2	EITHER	"	349-J	
12	SIDE	1/2 - 1/2	EITHER	"	349-K	
13	"	1/2 - 1/2	EITHER	"	349-KA	
14	"	7/8 - 7/8	EITHER	"	349-KB	
15	"	7/8 - 7/8	EITHER	"	349-KC	
16	END	1-1/16 - 1-1/16	EITHER	"	582	
17	"	3/4 - 3/4	EITHER	"	582-E	
18	"	3/4 - 1/2	EITHER	"	582-B	
19	"	3/4 - 3/8	EITHER	"	582-D	
20	SIDE	3/4 - 3/4	EITHER	"	582-F	
21	END	3/4 - 1/2	EITHER	"	(*) 350-D	
22	SIDE	3/8 - 3/8	C.W.	"	203-AD	
23	"	1/2 - 1/2	C.W.	"	203-PD	
24	"	1/2 - 3/8	C.W.	"	203-PM	
25	END	3/8 - 3/8	C.W.	"	203-UA	
26	"	3/8 - 3/8	C.W.	"	R203-UA	
27	"	1/2 - 3/8	C.W.	"	203-W	
28	"	1/2 - 1/2	C.W.	"	203-WC	
29	"	3/8 - 3/8	C.C.W.	"	203-LA	
30	"	3/4 - 3/8	C.C.W.	"	203-LB	
31	"	1-1/16 - 3/4	C.C.W.	"	203-LC	
32	"	3/8 - 3/8	C.W.	"	203-HA	
33	"	3/8 - 3/8	C.W.	"	203-DA	
34	"	3/8 - 3/8	C.W.	"	R203-DA	
35	"	3/8 - 3/8	C.W.	"	C203-HA	
36	SIDE	3/8 - 3/6	C.W.	"	R203-HA	
37	"	3/8 - 3/8	C.W.	"	203-HB	
38	END	1/2 - 1/2	C.W.	"	203-RA	
39	SIDE	3/8 - 3/8	C.C.W.	"	203-P	
40	END	3/8 - 3/8	C.C.W.	"	203-PB	
41	SIDE	1/2 - 1/2	C.C.W.	"	203-PDB	
42	END	1-5/16 - 3/4	C.C.W.	"	203-PH	
43	"	1/2 - 3/8	C.C.W.	"	203-PK	
44	SIDE	3/4 - 3/4	C.C.W.	"	203-PL	
45	END	1/2 - 1/2	C.C.W.	"	203-UC	
46	SIDE	1/2 - 3/8	C.C.W.	"	203-YA	
47	END	7/8 - 7/8	C.C.W.	"	203-ZA	
48	"	3/8 - 3/8	C.W.	"	203-PC	
49	SIDE	3/8 - 3 8	C.W.	"	203-PA	
50	PUMPS HYD. (ENG. DRIVEN) CONT.					

Line	HEAVY BOMBERS													MEDIUM BOMBERS							
	B-17E BO	B-17F BO	B-17F DO	B-17F VE	B-17G DO	B-24D CO	B-24E CO	B-24E DO	B-24E FO	B-24G NA	B-24H FO	B-24H CO	B-24H DO	B-25C NA	B-25D NA	B-25G NA	B-25H NA	B-26B MA	B-26B1 MA	B-26C MA	RB-34 VE
1																					
2																					
3														X	X	X	X	X	X		X
4														X	X	X	X	X	X		X
5														X	X	X	X	X	X		X
6														X	X	X	X	X	X		X
7														X	X	X	X	X	X		X
8														X	X	X	X	X	X		X
9	X																				
10	X																				
11	X																				
12	X																				
13	X																				
14	X																				
15	X																				
16																					
17																					
18																					
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20																					
21																					
22														X	X	X	X				
23														X	X	X	X				
24														X	X	X	X				
25														X	X	X	X				
26														X	X	X	X				
27														X	X	X	X				
28														X	X	X	X				
29																					
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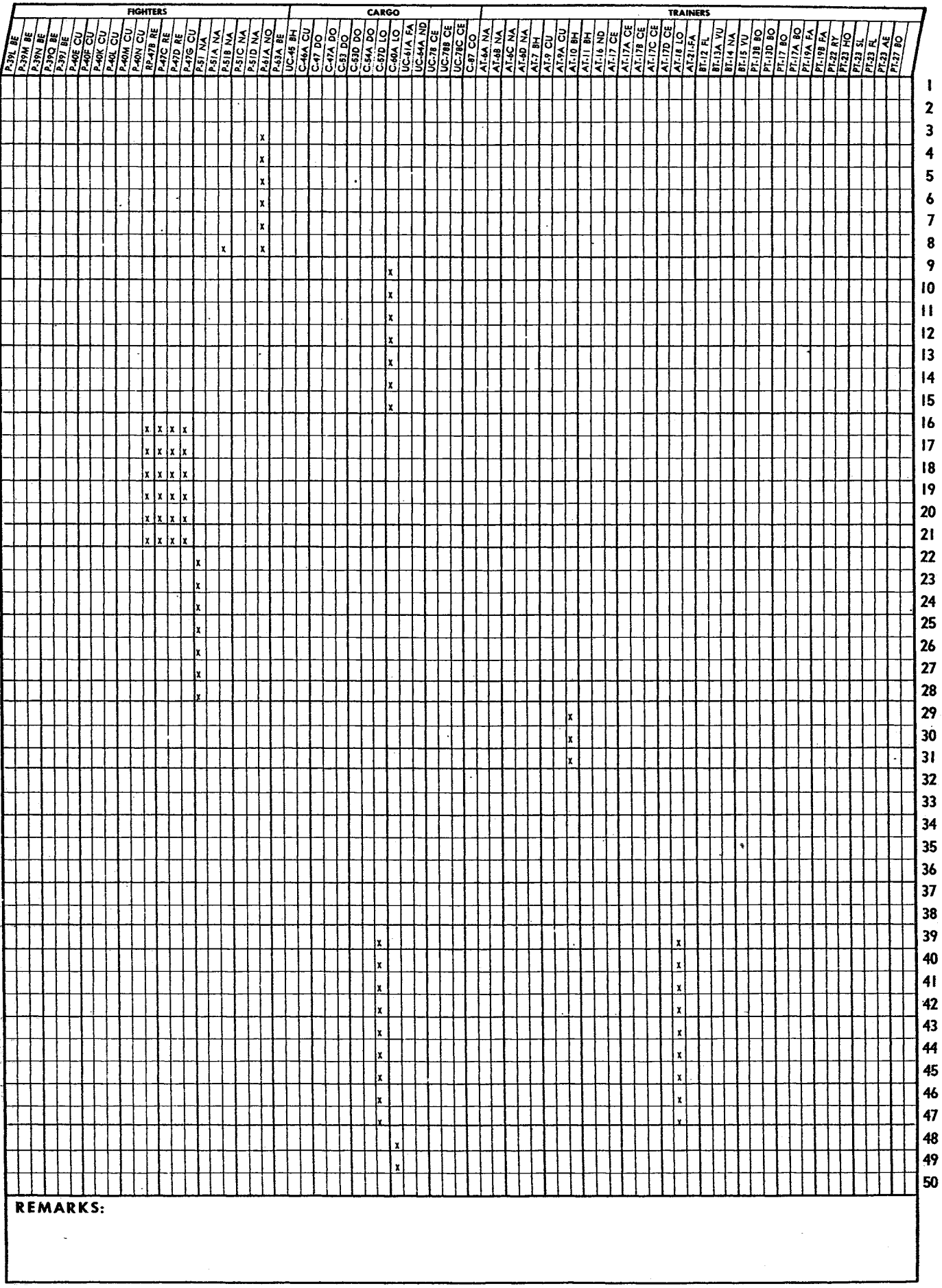
45																					
46																					
47																					
48	X																				
49	X																				
50																					

Line	LIGHT BOMBERS														FIGHTERS								
	A-20B DO	A-20C BO	A-20C DO	A-20G DO	A-24A DO	A-24B DO	A-25A CU	A-28A LO	A-29 LO	A-29A LO	A-30A MA	A-35A VU	A-35B VU	A-36A NA	P-38E LO	P-38F LO	P-38G LO	P-38H LO	P-38J LO	P-38K LO	P-39D BE	P-39F BE	P-39K BE
1																							
2																							
3	X	X	X	X										X	X	X	X	X	X				
4	X	X	X	X										X	X	X	X	X	X				
5	X	X	X	X										X	X	X	X	X	X				
6	X	X	X	X										X	X	X	X	X	X				
7	X	X	X	X										X	X	X	X	X	X				
8	X	X	X	X										X	X	X	X	X	X				
9						X		X	X	X													
10						X		X	X	X													
11						X		X	X	X													
12						X		X	X	X													
13						X		X	X	X													
14						X		X	X	X													
15						X		X	X	X													
16												X	X										
17												X	X										
18												X	X										
19												X	X										
20												X	X										
21																							
22	X	X	X	X										X									
23	X	X	X	X										X									
24	X	X	X	X										X									
25	X	X	X	X										X									
26	X	X	X	X										X									
27	X	X	X	X										X									
28	X	X	X	X										X									
29																							
30																							
31																							
32					X	X	X																
33					X	X	X																
34					X	X	X																
35					X	X	X																
36					X	X	X																
37					X	X	X																
38					X	X	X																
39															X	X							
40															X	X							
41															X	X							
42															X	X							
43															X	X							
44															X	X							
45															X	X							
46															X	X							
47															X	X							
48								X	X	X													
49								X	X	X													
50																							

REMARKS: LINE NUMBERS IN RED.
* (21) PART NO. 350-D USED ON P-47 SERIES NO. 1 TO 107 ONLY.


FIGHTERS
CARGO
TRAINERS
P-39L BE
P-39M BE
P-39N BE
P-39Q BE
P-39J BE
P-40E CU
P-40F CU
P-40K CU
P-40L CU
P-40M CU
P-40N CU
RP-47B RE
P-47C RE
P-47D RE
P-47G CU
P-51 NA
P-51A NA
P-51B NA
P-51C NA
P-51D NA
P-61A NO
P-63A BE
UC-45 BH
C-46A CU
C-47 DO
C-47A DO
C-53 DO
C-53D DO
C-54A DO
C-57D LO
C-60A LO
UC-61A FA
UC-64A ND
UC-78 CE
UC-78B CE
UC-78C CE
C-87 CO
AT-6A NA
AT-6B NA
AT-6C NA
AT-6D NA
AT-7 BH
AT-9 CU
AT-9A CU
AT-10 BH
AT-11 BH
AT-16 ND
AT-17 CE
AT-17A CE
AT-17B CE
AT-17C CE
AT-17D CE
AT-18 LO
AT-21-FA
BT-12 FL
BT-13A VU
BT-14 NA
BT-15 VU
PT-13B BO
PT-13D BO
PT-17 BO
PT-17A BO
PT-19A FA
PT-19B FA
PT-22 RY
PT-23 HO
PT-23 SL
PT-23 RL
PT-23 AE
PT-27 BO

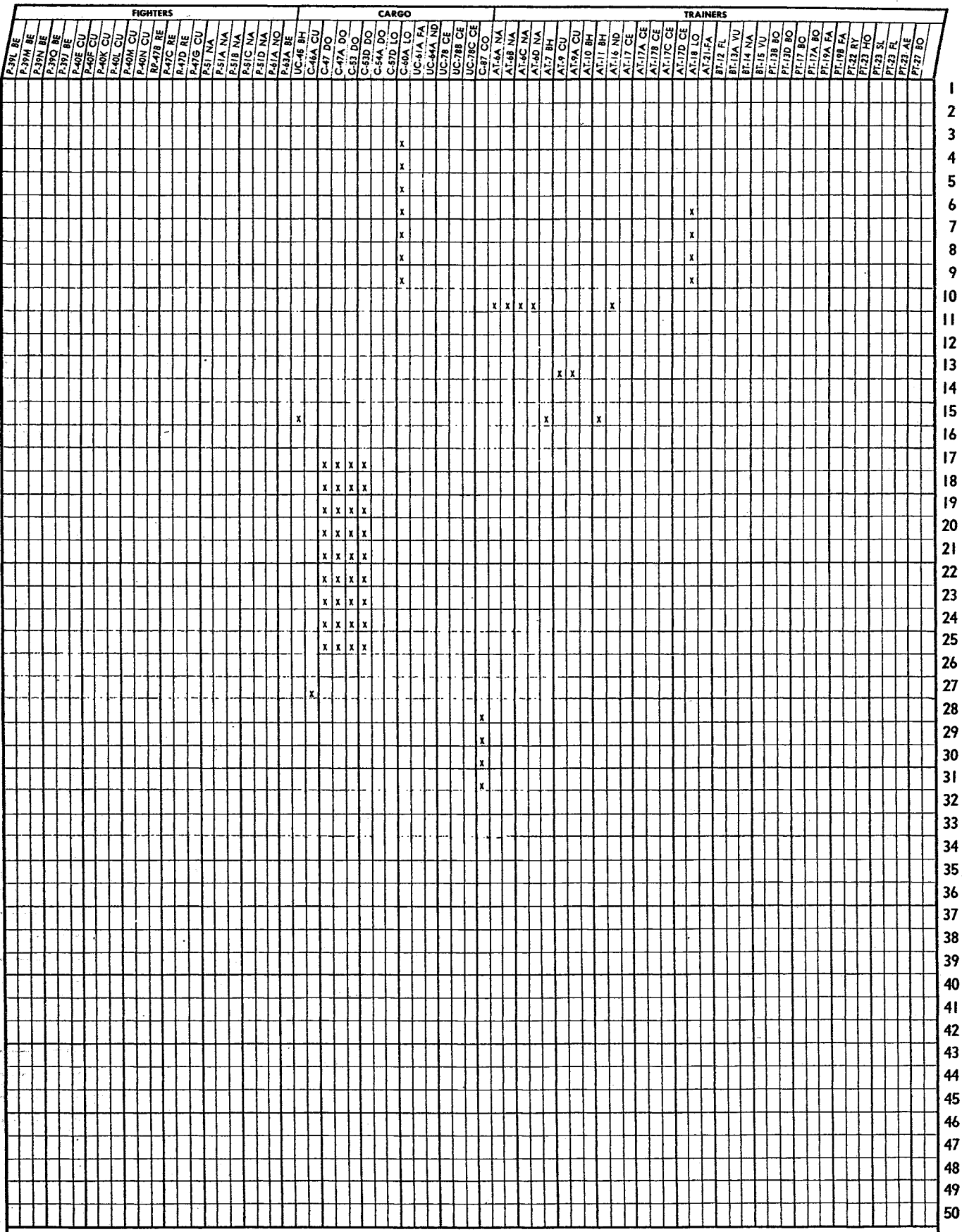
REMARKS:

VERTICAL INTERCHANGEABILITY BETWEEN RED LINES. DO NOT CROSS A RED LINE WHEN DETERMINING VERTICAL INTERCHANGEABILITY.

	CLASS C3-1 DESCRIPTION		VENDOR	PART NO.	TYPE	HEAVY BOMBERS												MEDIUM BOMBERS						LIGHT BOMBERS													FIGHTERS										
						B-17E BO	B-17F BO	B-17F DO	B-17F VE	B-17G DO	B-24D CO	B-24E CO	B-24E DO	B-24E FO	B-24G NA	B-24H FO	B-24H CO	B-24H DO	B-25C NA	B-25D NA	B-25G NA	B-25H NA	B-26B MA	B-26B1 MA	B-26C MA	RB-34 VE	A-20B DO	A-20C BO	A-20C DO	A-20G DO	A-24A DO	A-24B DO	A-25A CU	A-28A LO	A-29 LO	A-29A LO	A-30A MA	A-35A VU	A-35B VU	A-36A NA	P-38E LO	P-38F LO	P-38G LO	P-38H LO	P-38J LO	P-38K LO	P-39D BE	P-39F BE	P-39K BE
1	PUMPS HYD. (ENG. DRIVEN) CONT.																																														
2	PORT POS.	PORT SIZE	ROTATION																																													
3	END	3/8 - 3/8	C.W.	PESCO	C203-PC	X																											X	X	X												
4	SIDE	1/2 - 1/2	C.W.	"	203-PDA	X																											X	X	X												
5	END	1/2 - 1/2	C.W.	"	203-PF	X																											X	X	X												
6	"	1-5/16 - 3/4	C.W.	"	203-PG	X																											X	X	X												
7	"	1/2 - 3/8	C.W.	"	203-PJ	X																											X	X	X												
8	SIDE	1/2 - 3/8	C.W.	"	203-Y	X																											X	X	X												
9	END	7/8 - 7/8	C.W.	"	203-Z	X																											X	X	X												
10	SIDE	3/8 - 3/8	C.W.	"	263-E																																											
11	END	3/4 - 3/4	EITHER	"	466-A																											X																
12	"	1-5/16 - 1-5/16	"	"	583-AB																											X																
13	"	3/4 - 1/2	C.W.	"	249-L																																											
14		3/4 - 3/8	EITHER	"	549-D																																X											
15	SIDE	1/2 - 1/2	C.W.	"	196-A																																										
16	END	3/4 - 1/2	C.C.W.	"	466																																						X	X					
17	"	3/8 - 3/8	C.C.W.	"	214-U																																										
18	"	1/2 - 1/2	C.C.W.	"	214-P																																										
19	"	3/4 - 1/2	C.C.W.	"	214-PC																																										
20	"	3/4 - 1/2	C.C.W.	"	R214-PC																																										
21	"	1/2 - 1/2	C.C.W.	"	214-PD																																										
22	SIDE	3/8 - 3/8	C.C.W.	"	214-T																																										
23	"	7/8 - 3/4	C.C.W.	"	214-TA																																										
24	END	1/2 - 3/8	C.C.W.	"	214-UC																																										
25	"	3/4 - 3/4	EITHER	"	582-CA																																										
26	END	3/4 - 1/2	EITHER	"	350-D																																										
27	SIDE	7/8 - 7/8	EITHER	VICKERS	PF3-2713-25-ZE																																										
28	END	1/2 - 1/2	EITHER	"	PF2-713-25-BCE						X	X	X	X	X	X	X	X					X	X	X																							
29	BOTTOM	3/4 - 3/4	EITHER	"	PF4-713-25-BCE						X	X	X	X	X	X	X	X					X	X	X																							
30	END	3/4 - 3/4	EITHER	"	PF8-713-25-BCE						X	X	X	X	X	X	X	X					X	X	X																							
31	END	3/4 - 3/4	EITHER	"	PF9-713-25-BCE						X	X	X	X	X	X	X	X					X	X	X																							
32	END	3/4 - 3/4	EITHER	"	PF8-2713-20-ZH																																X										
33	END	3/4 - 3/4	EITHER	"	PF9-2713-20-ZE																																X										
34	PUMPS HYD. (ELEC. MOTOR-DRIVEN)																																														
35	PORT POS.	PORT SIZE	ROTATION																																												
36	END	7/8 - 3/4	C.W.	PESCO	398-A						X	X	X	X	X	X	X	X																													
37	"	7/8 - 7/8	C.W.	"	398-B						X	X	X	X	X	X	X	X																													
38	"	7/8 - 7/8	C.W.	"	398-BA						X	X	X	X	X	X	X	X																													
39	"	7/8 - 7/8	C.W.	"	398-BB						X	X	X	X	X	X	X	X																													
40	"	7/8 - 7/8	C.W.	"	398-BC						X	X	X	X	X	X	X	X																													
41	"	7/8 - 7/8	C.W.	"	398-BD						X	X	X	X	X	X	X	X																													
42	"	7/8 - 7/8	C.W.	"	398-BDA						X	X	X	X	X	X	X	X																													
43	"	7/8 - 7/8	C.W.	"	398-BDB						X	X	X	X	X	X	X	X																													
44	"	7/8 - 7/8	C.W.	"	398-BE						X	X	X	X	X	X	X	X																													
45	"	7/8 - 7/8	C.W.	"	398-BF						X	X	X	X	X	X	X	X																													
46	"	7/8 - 7/8	C.W.	"	398-BFA						X	X	X	X	X	X	X	X																													
47	"	7/8 - 7/8	C.W.	"	398-BFB						X	X	X	X	X	X	X	X																													
48	"	3/4 - 3/4	C.W.	"	398-C						X	X	X	X	X	X	X	X																													
49	"	3/4 - 3/4	C.W.	"	398-D						X	X	X	X	X	X	X	X																													
50	PUMPS HYD. (ELEC. MOTOR DRIVEN) CONT.																																														

REMARKS: NOTES: 1. ALL VICKERS CONSTANT DELIVERY AIRCRAFT PUMPS ARE REVERSIBLE BY TURNING CONNECTION COVER 180°, WHICH INTERCHANGES POSITION OF INLET AND OUTLET.

2. VALVE PLATES ON VICKERS PUMPS ARE REMOVABLE AND INTERCHANGEABLE.


FIGHTERS
CARGO
TRAINERS
P-39L BE
P-39M BE
P-39N BE
P-39Q BE
P-39J BE
P-40E CU
P-40F CU
P-40K CU
P-40L CU
P-40M CU
P-40N CU
RP-47B RE
P-47C RE
P-47D RE
P-47G CU
P-51 NA
P-51A NA
P-51B NA
P-51C NA
P-51D NA
P-63A NO
P-63A BE
UC-45 BH
C-46A CU
C-47 DO
C-47A DO
C-53 DO
C-53D DO
C-54A DO
C-57D LO
C-60A LO
UC-61A FA
UC-64A ND
UC-78 CE
UC-78B CE
UC-78C CE
C-87 CO
AT-6A NA
AT-6B NA
AT-6C NA
AT-6D NA
AT-7 BH
AT-9 CU
AT-9A CU
AT-10 BH
AT-11 BH
AT-16 ND
AT-17 CE
AT-17A CE
AT-17B CE
AT-17C CE
AT-17D CE
AT-18 LO
AT-21-FA
BT-12 FL
BT-13A VU
BT-14 NA
BT-15 VU
PT-13B BO
PT-13D BO
PT-17 BO
PT-17A BO
PT-19A FA
PT-19B FA
PT-22 RY
PT-23 HO
PT-23 SL
PT-23 FL
PT-23 AE
PT-27 BO

REMARKS:

T. O. No. 00-25-29

VERTICAL INTERCHANGEABILITY BETWEEN RED LINES. DO NOT CROSS A RED LINE WHEN DETERMINING VERTICAL INTERCHANGEABILITY.

	CLASS 03-1 DESCRIPTION	VENDOR	PART NO.	TYPE	HEAVY BOMBERS												MEDIUM BOMBERS						LIGHT BOMBERS													FIGHTERS								
					B-17E BO	B-17F BO	B-17F DO	B-17F VE	B-17G DO	B-24D CO	B-24E CO	B-24E DO	B-24E FO	B-24G NA	B-24H FO	B-24H CO	B-24H DO	B-25C NA	B-25D NA	B-25G NA	B-25H NA	B-26B MA	B-26B1 MA	B-26C MA	RB-34 VE	A-20B DO	A-20C BO	A-20C DO	A-20G DO	A-24A DO	A-24B DO	A-25A CU	A-28A LO	A-29 LO	A-29A LO	A-30A MA	A-35A VU	A-35B VU	A-36A NA	P-38E LO	P-38F LO	P-38G LO	P-38H LO	P-38J LO	P-38K LO	P-39D BE	P-39F BE	P-39K BE
1	PUMPS HYD. (ELEC. MOTOR-DRIVEN) CONT.																																												
2	PORT POS. PORT SIZE ROTATION																																												
3	END 3/4 - 3/4 C.W.	PESCO	398-DA						X	X	X	X	X	X	X	X																														
4		ECLIPSE	1024-1			X	X	X																																					
5		"	1269-1			X	X	X																																					
6		PESCO	1E678			X	X	X	X																																				
7	PUMPS HYD. (HAND OPERATED)																																												
8	PORT POS. PORT SIZE																																											
9	3/4 - 9/16	PESCO	437-F						X	X	X	X	X	X	X	X																														
10	3/4 - 9/16	"	437-K						X	X	X	X	X	X	X	X																														
11	9/16 - 9/16	"	260-K																			X	X	X																						
12	1 - 1	"	492-C																			X	X	X																						
13		ADEL	MB-1-5C-15																											X	X															
14		"	D-9813																																											
15		"	8087																																											
16		ADEL	8-10088																																											
17		ADEL	D-10231		X	X	X	X																																					
18		BENDIX LTD.	2232-16																											X	X															
19		BENDIX LTD.	S-100034																																			X								
20		BENDIX LTD.	400967																																					X	X	X	X	X			
21		BENDIX LTD.	5065865																							X	X																			
22		ECLIPSE	694-2																											X	X															
23		ECLIPSE	D-80063																																						X	X				
24		AIR ASSOC.	MC-1813-M12																																		X	X								
25		AIR ASSOC.	65008																														X	X												
26		HARVILL	66-2200																											X	X															
27		HARVILL	66-2550			X	X	X	X																																					
28		FRIGIDAIRE	62-58024															X	X	X	X																										
29		CURTISS	87-33-504																																											
30		NORTH AMERICAN	55-58024-2																																												
31		CURTISS-WRIGHT	S84-33-790																													X														
32		REPUBLIC	89F38410																																											
33		NOORDUYN	55-58024-2																																											
34																																													
35																																													
36																																													
37																																													
38																																													
39																																													
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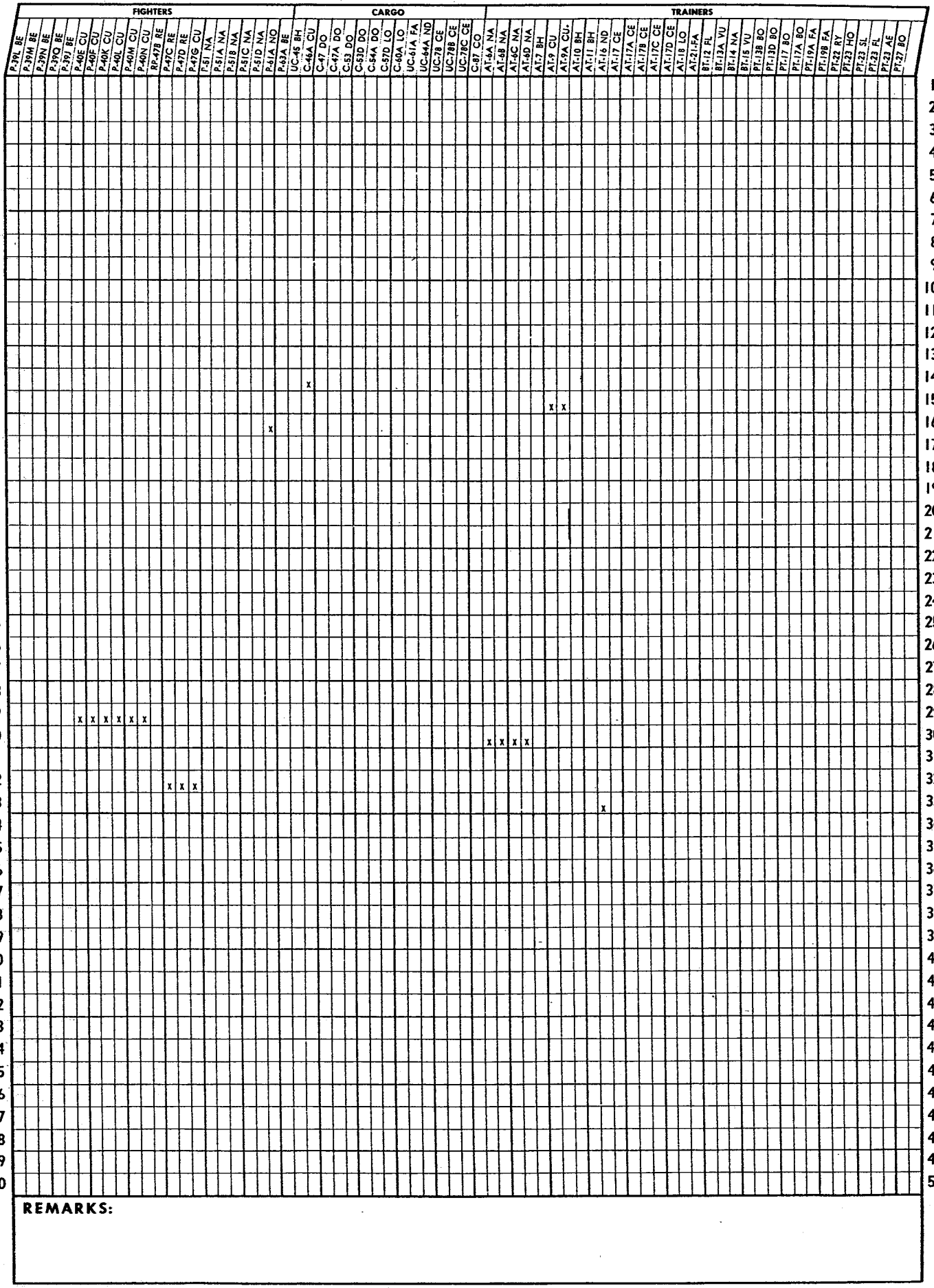
REMARKS:


FIGHTERS
CARGO
TRAINERS
P-39L BE
P-39M BE
P-39N BE
P-39Q BE
P-39J BE
P-40E CU
P-40F CU
P-40K CU
P-40L CU
P-40M CU
P-40N CU
RP-47B RE
P-47C RE
P-47D RE
P-47G CU
T-51 NA
P-51A NA
P-51B NA
P-51C NA
P-51D NA
P-61A NO
P-63A BE
UC-45 BH
C-46A CU
C-47 DO
C-47A DO
C-53 DO
C-53D DO
C-54A DO
C-57D LO
C-60A LO
UC-61A FA
UC-64A ND
UC-78 CE
UC-78B CE
UC-78C CE
C-87 CO
AT-6A NA
AT-6B NA
AT-6C NA
AT-6D NA
AT-7 BH
AT-9 CU
AT-9A CU
AT-10 BH
AT-11 BH
AT-16 ND
AT-17 CE
AT-17A CE
AT-17B CE
AT-17C CE
AT-17D CE
AT-18 LO
AT-21-FA
BT-12 PL
BT-13A VU
BT-14 NA
BT-15 VU
PT-13B BO
PT-13D BO
PT-17 BO
PT-17A BO
PT-19A FA
PT-19B FA
PT-22 RY
PT-23 HO
PT-23 SL
PT-23 FL
PT-23 AE
PT-27 BO
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50
REMARKS:

INTERCHANGEABILITY BETWEEN RED LINES. DO NOT CROSS A RED LINE WHEN DETERMINING VERTICAL INTERCHANGEABILITY

	CLASS 03-K DESCRIPTION	VENDOR	PART NO.	TYPE	B-17E BO	B-17F BO	B-17F DO	B-17F VE	B-17G DO	B-24D CO	B-24E CO	B-24E DO	B-24E FO	B-24G NA	B-24H FO	B-24H CO	B-24H DO	B-25C NA	B-25D NA	B-25G NA	B-25H NA	B-26B MA	B-26B1 MA	B-26C MA	RB-34 VE	A-20B DO	A-20C BO	A-20C DO	A-20G DO	A-24A DO	A-24B DO	A-25A CU	A-28A LO	A-29 LO	A-30A MA	A-30A YU	A-35B YU	A-36A NA	P-38E LO	P-38F LO	P-38G LO	P-38H LO	P-38J LO	P-38K LO	P-39D BE	P-39F BE	P-39K BE	
1	HIGH PRESS. PORTABLE OXYGEN EQUIPMENT - (TROOP)																																															1
2	NOTE-FOR ISSUE TO TROOPS																																														2
3	CARRIED IN TRANSPORTS AT 10000 FT. AND OVER																																														3
4	CYLINDER & REGULATOR ASSY		42D5357			X	X	X	X	X	X	X	X	X	X	X	X																														4
5	RECHARGER ASSY 24"		42D7261			X	X	X	X	X	X	X	X	X		X	X																														5
6	" " 48"		2346-D							X	X	X	X	X		X	X																														6
7	MASK ASSEMBLY CLASS 13		32G4764	A-8B		X	X	X	X	X	X	X	X	X		X	X																														7
8	CLASS 03-K																																														8
9	HIGH PRESS. BRITISH TYPE OXY. EQUIP.																																														9
10	ADAPTER		106D/29																																													10
11	CYLINDER ASSEMBLY		106D/62	MK-VC																				X		X	X	X*						X												11
12	VALVE ASSEMBLY		106D/54	MK-VIIA																				X		X	X	X*						X												12
13	VALVE ASSEMBLY		106D/6	MK VIII																								X*						X												13
14	REGULATOR ASSEMBLY		106D/22	MK VIIIA'																											X	X	X														14
15	REGULATOR ASSEMBLY			MK VIIIB																											X	X	X														15
16	REGULATOR ASSEMBLY		106D/24	MK-XA																				X		X	X	X*						X												16
17	INDICATOR ASSEMBLY		6D/232 106D/26	MK-II																				X		X	X	X*						X												17
18	INDICATOR ASSEMBLY		6D/430 106D/27	MK-III																														X												18
19	PIECE - 3 WAY		106D/28	MK-V																				X		X	X	X*																		19
20	VALVE ASSY. NON-RETURN		106D/7	SIS-576																				X		X	X	X*																		20
21	SOCKET - BAYONET UNION		106D/4	MK IIIA																				X		X	X	X*																		21
22	SOCKET - BAYONET UNION		106D/5	MK IIIB																				X		X	X	X*																		22
23	SOCKET - BAYONET UNION		106D/145	MK IIIC																								X*																		23
24	ECONOMIZER		106D/76	MK II																														X												24
25	MANIFOLD	AAF	552150	MK-I																				X		X	X																		25
26	MASK - OXYGEN CLASS 13		6D/473																							X	X								X										26
27	ADAPTER - AAF MASK TO BRITISH OUTLET		42B13342																										X				X*	X	X										27
28	CLASS 03-K																																														28
29	NAVY REBREATHER TYPE OXY. EQUIPMENT																																														29
30	APPARATUS-REBREATHER FRONT AND REAR COCKPITS		5067080																											X																	30
31	CANNISTER - OXYGEN		SK-1213-57																											X																	31
32	VALVE, CHECK - SUPPLY END		SK-1213-90																											X																	32
33	VALVE, REDUCING		SK-1213-91																											X																	33
34	CLASS 03-K																																														34
35	HIGH PRESSURE OXY. INSTALLATIONS																																														35
36	CYLINDER ASSEMBLY	LA FRANCE OR KIDDE	SPEC 94-40246	B-1																																											36
37	CYLINDER ASSEMBLY	"	SPEC 94-40247	C-1																																												37
38	CYLINDER ASSEMBLY	KIDDE	SPEC 94-40251	E-1																																												38
39	REGULATOR ASSEMBLY	PIONEER	" 2802-1B-A2	A-8																																												39
40	REGULATOR ASSEMBLY	"	" 2802-10-B1	A-8A																																												40
41	MASK ASSEMBLY CLASS 13		" 32G4764	A-8B																																												41
42	CLASS 03-K																																														42
43	HIGH PRESSURE PORTABLE OXY. EQUIP.																																														43
44	CYLINDER ASSEMBLY		SPEC 94-40302	A-2	X					X																																					44
45	REGULATOR ASSEMBLY	PIONEER	" 2802-1B-A2	A-8	X					X																																					45
46	" "	"	2802-10-B1	A-8A	X					X																																					46
47	SLING ASSEMBLY	AC	40J7613		X					X																																					47
48	CLASS 03-K																																														48
49	HIGH PRESSURE BAILOUT OXY. EQUIP.																																														49
50	CYLINDER WITH VALVE ASSEMBLY COMPLETE WITH SLING		SPEC 40373	H-1	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X			X	X			X	X	X	X	X	X	X	X	X	X	50

REMARKS: LINE NUMBERS IN RED.

(*) (11, 12, 13, 15, 17, 19, 25, 21, 22, 23) USED ON A-20G'S SERIAL NO'S 42-53535 TO 42-54284 INCL.

(*) (27) STARTING WITH SERIAL NO'S 42-47093.

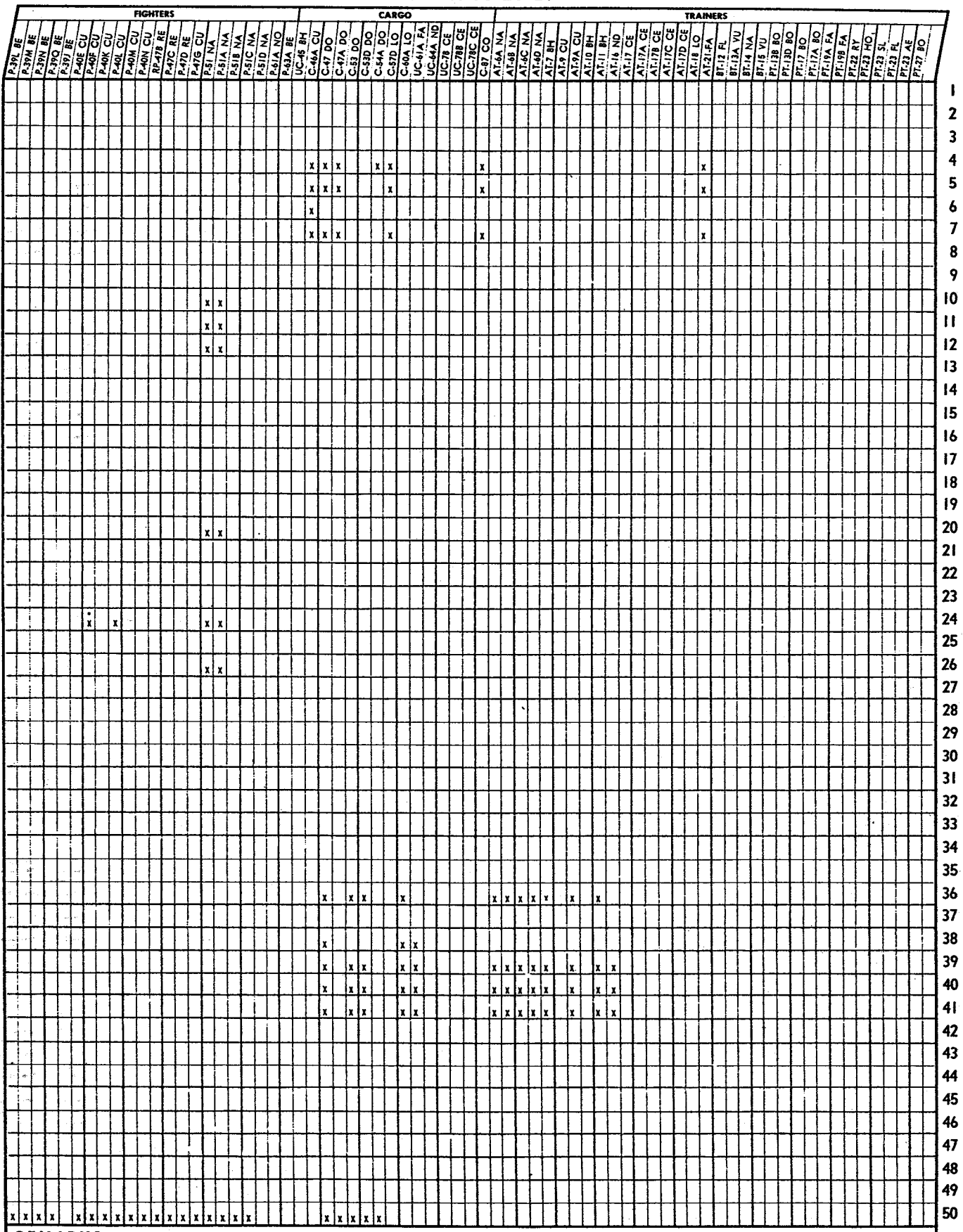
(*) (29, 95) IF SUBSTITUTING FOR TYPE A-8A REGULATOR SHOULD BE REWORKED PER T.O. 03-5A-4.

(*) [illegible] TYPE A-8B MASK MUST BE USED WITH REGULATOR TYPE A-8A.

(*) [illegible] TYPES A-8 AND A-8A MASKS CAN BE USED IN PLACE OF TYPE A-8B.

(*) [illegible] SHOULD BE PLACED IN ALL AIRCRAFT WITH OVER 25000 FT. CEILING.

T. O. No. 00-25-29



REMARKS:

LINE (24") USED ON P-40F'S SERIAL NO'S 41-14300 TO 41-14563 INCLUSIVE ONLY.

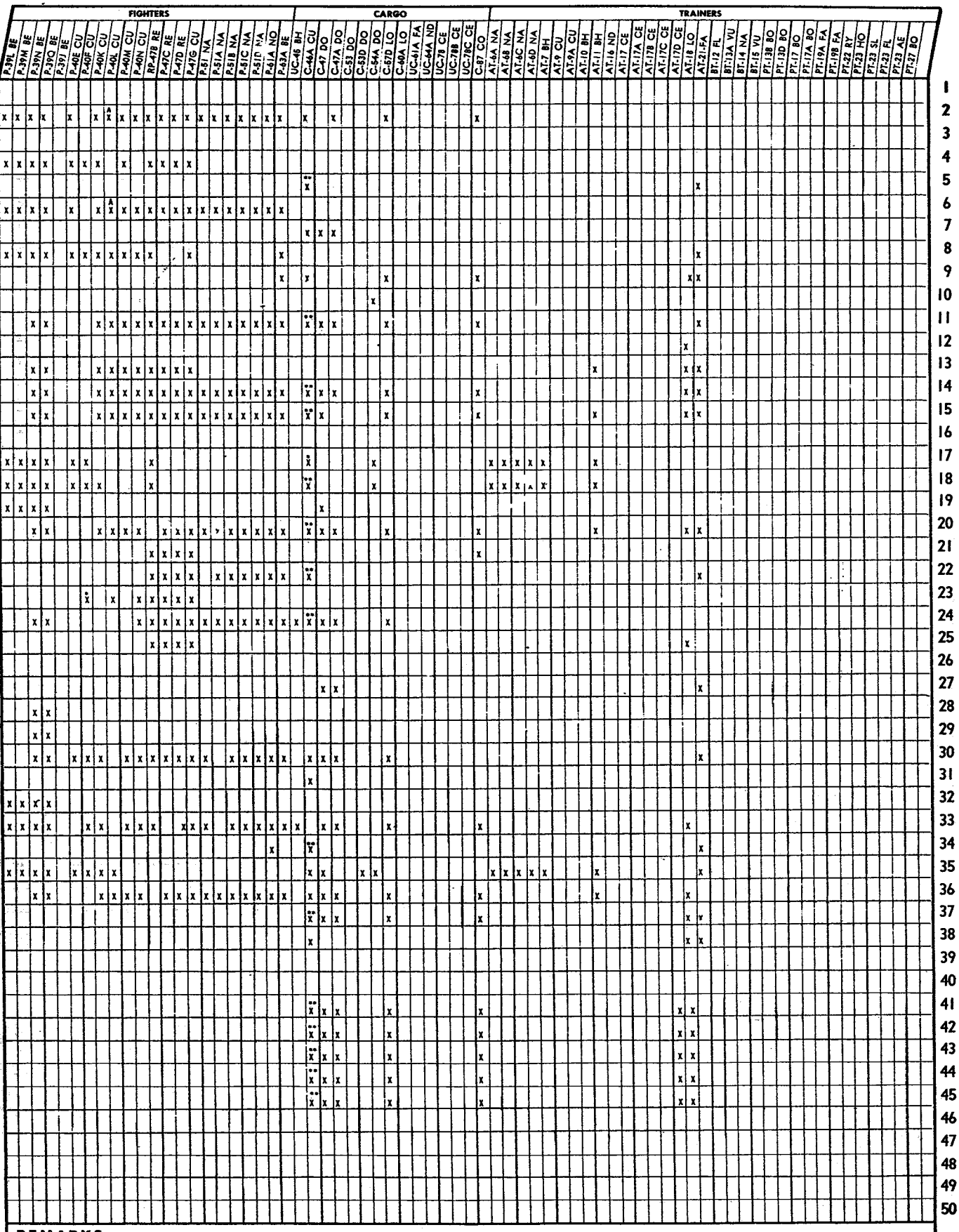
VERTICAL INTERCHANGEABILITY BETWEEN RED LINES. DO NOT CROSS A RED LINE WHEN DETERMINING VERBICAL INTERCHANGEABILITY.

	CLASS 03-K DESCRIPTION	VENDOR	PART NO.	TYPE	HEAVY BOMBERS: B-17E BO	B-17F BO	B-17F DO	B-17F VE	B-17G DO	B-24D CO	B-24E CO	B-24E DO	B-24E FO	B-24G NA	B-24H FO	B-24H CO	B-24H DO	MEDIUM BOMBERS: B-25C NA	B-25D NA	B-25G NA	B-25H NA	B-26B MA	B-26B1 MA	B-26C MA	RB-34 VE	LIGHT BOMBERS: A-20B DO	A-20C BO	A-20C DO	A-20G DO	A-24A DO	A-24B DO	A-25A CU	A-28A LO	A-29 LO	A-29A LO	A-30A MA	A-35A VU	A-35B VU	A-36A NA	FIGHTERS: P-38E LO	P-38F LO	P-38G LO	P-38H LO	P-38J LO	P-38K LO	P-39D BE	P-39F BE	P-39K BE	
1	LOW PRESSURE OXYGEN EQUIPMENT																																																1
2	ADAPTER - ARMY TO BRITISH	SCHRADER	42A6960			X	X	X	X	X	X	X	X	X	X	X	X					X	X	X				X	X*		X						X	X	X		X	X	X	X	X	X	X	X	2
3	ADAPTER - BRITISH TO ARMY	"	42A6888																						X	X	X	X*																					3
4	ADAPTER - FILLER VALVE		42D5357		X	X	X	X	X	X	X	X	X	X				X	X			X		X			X											X	X	X	X				X	X	X	4
5	ADAPTER - FILLER VALVE		40A8475							X	X	X	X	X	X	X	X																																5
6	CYLINDER ASSEMBLY		SPEC 94-40355	D-2						X	X	X	X	X	X	X	X										X	X*									X	X	X										6
7	CYLINDER ASSEMBLY	KIDDE	94-40355 40870	F-2																																													7
8	CYLINDER ASSEMBLY		SPEC 94-40330	F-1	X	X	X	X	X									B X	C X	X	X	X	X	X		X		X*		X										X	X	X	X	X	X	X	X	X	8
9	CYLINDER ASSEMBLY		SPEC 94-40321	G-1	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X								X*																9
10	CYLINDER ASSEMBLY		SPEC 40407	J-1																																													10
11	GAGE-OXYGEN-PRESSURE 0 TO 500#		SPEC 27368	K-1		X	X	X	X	D X	X	X	X	X	X	X	X	B X	C X	X	X	X	X	X					X*		X	X				X	X	X			X	X	X	X				11
12	GAGE-OXYGEN-PRESSURE 0 TO 2000#		AN-6011-1	L-1																																												12
13	INDICATOR-OXYGEN 0 TO 500#	SPERTI, INC	SPEC 40389	A-1		X	X	X	X	D X	X	X	X	X	X	X	X	X	X	X	X	X	X	X						B X					X	X	X			X	X	X	X				13
14	INDICATOR-OXYGEN 0 TO 500#		AN-1-12	A-3		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X					X*		X				X	X	X			X	X	X	X				14
15	SIGNAL-OXYGEN 0 TO 500#	F.A. SMITH	SPEC 32376	G-1		X	X	X	X	D X	X	X	X	X	X	X	X	X	X	X	X	X	X	X					X*		X	X			X	X	X			X	X	X	X				15
16	SIGNAL-OXYGEN 0 TO 1800#			G-2																																											16
17	REGULATOR ASSY.	PIONEER	2803-3A-A1 or 2805-3A-A1	A-9	X	X	X*	X	X	X	X	X	X		X	X	X	B X	C X	X	X	X	X	X		X		X										X	X					X	X	X	17
18	" "	"	2805-3B-B1	A-9A	X	X	X	X	X	A X	X	X	X		X	X	X	B X	C X	X	X	X	X	X		X		X*											X					X	X	X	X	18
19	" "	HARRIS	92AC																																													19
20	REGULATOR ASSEMBLY		SPEC 40370	A-12		X	A X	X	X	X*	X	X	X	X	X	X	X	B X	C X	X	X	X	X	X					D X		X	X				X	X	X			X	X	X	X				20
21	VALVE - OXYGEN CHECK	SCHRADER	AC-42A9021 1668	STYLE A																																												21
22	VALVE-OXYGEN CHECK	SCHRADER	AC-42A9026 1669	STYLE B						X	X	X	X	X	X	X	X														X								X										22
23	VALVE - OXYGEN CHECK	SCHRADER	AC-42A9028 2288	STYLE C							X	X	X	X	X	X	X																				X	X										23
24	VALVE - OXYGEN CHECK	SCHRADER	AC-42A9030 2289	STYLE D						X	X	X	X	X	X	X	X														X								X	X							X		24
25	VALVE - OXYGEN CHECK	SCHRADER	AC-42A9032 2290	STYLE E						X	X	X	X	X	X	X	X													D X																			25
26	VALVE - OXYGEN CHECK	SCHRADER	AC-42A9034 2291	STYLE F																																													26
27	VALVE - OXYGEN CHECK	SCHRADER	AC-42A9036 2292	G						X	X	X	X	X	X	X	X													X								X	X										27
28	VALVE - OXYGEN CHECK	SCHRADER	1666																																													28
29	VALVE - OXYGEN CHECK	SCHRADER	1667																																													29
30	VALVE - OXYGEN FILLER	SCHRADER	41B5316-1 1660		X	X				X	X	X	X					B X	C X	X	X	X	X	X		X			D X		X						X	X	X	X	X	X	X	X	X	X	X	30
31	VALVE - Y CHECK	SCHRADER	1748																																													31
32	VALVE - OXYGEN RELIEF	BASTIAN BLESSING	2159A																																													32
33	TUBE - OXYGEN MASK TO REG.	REPUBLIC RUBBER	AN-6009-1	4FT		X	X	X	X	X	X	X	X	X	X	X	X												D X	X						X	X		X	X	X	X	X	X	X	X	33
34	TUBE - OXYGEN MASK TO REG.	BOSTON HOSE	AN-6003-2	6FT		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X		X	X	X					X						X	X					X	X	X			34
35	MASK ASSY - OXYGEN CLASS 13		42-9K764	A-8B		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X		X	X			X		X							X						X	X	X	35
36	MASK ASSY - OXYGEN CLASS 13			A-10		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X					X		X	X				X	X	X		X	X	X	X	X	X			36
37	RECHARGER ASSEMBLY	SCHRADER	2460FA	2FT		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X																								37
38	RECHARGER ASSEMBLY	SCHRADER	2461	4FT						X	X	X	X	X	X	X	X																																38
39	CLASS 03-K																																															39
40	LOW PRESS. PORTABLE OXYGEN EQUIP.																																															40
41	CYLINDER ASSEMBLY		42D5357	A-4		X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X																								41
42	REGULATOR ASSEMBLY	LION	0-506-1	A-13		X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X																								42
43	" "	MARCHANT	1052-1	A-13		X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X																								43
44	" "	PEERLESS	0-506-1	A-13		X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X																								44
45	" "	SCOTT	1052-1	A-13		X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X																								45
46	JOINT - OXYGEN SWIVEL	BARCO	SPEC 40496			X	X	X		X	X	X	X	X	X	X																															46
47																																																47
48																																																48
49																																																49
50																																																50

REMARKS: LINE NUMBERS IN RED.

(*) (2, 6, 11, 14, 15) USED ON A-20G'S SERIAL NO'S 42-54285 AND UP.
(A) (2, 6) USED ON SERIAL NO'S 41-14300 THRU 41-14563.
(*) (3) USED ON A-20G'S SERIAL NO'S 42-53535 TO 42-54284 INCL.
(**) (5, 11, 14, 15) USED ON C-46A'S SERIAL NO'S 41-24736 TO 41-24775 INCL., 42-3654 TO 42-3863 INCL., 42-60942 TO 42-60991 INCL., 42-96529 TO 42-96828 INCL., 42-101036 TO 42-101285 INCL.
(*) (8, 18) USED ON A-20C'S ONLY.
(B) (8, 11, 17, 18, 20, 30) USED ON B-25C'S SERIAL NO'S 42-64504 AND UP.
(C) (8, 11, 18, 20, 30) USED ON B-25D'S SERIAL NO'S 42-87478 AND UP.
(*) (9) USED ON A-24B'S SERIAL NO'S 42-54285 TO 42-54489 INCL.
(D) (11, 13, 15) USED ON B-24D SERIAL NO'S 42-2018 AND UP.
(**) (17) USED ON B-17F'S SERIAL NO'S 42-2964 TO 42-3148 INCL.
(*) (17) IF SUBSTITUTION FOR TYPE A-9A, REMORK PER T.O. 03-5A-4.

T. O. No. 00-25-29



REMARKS: LINE NUMBERS IN RED.

(**) (18) USED ON SERIAL NO'S 41-12380 THRU 41-12433 AND 41-24640 THRU 41-24734.
(A) (18) USED ON B-240'S SERIAL NO'S THRU 42-40217
(A) (20) USED ON SERIAL NO'S 42-3149 AND UP.
(*) (20) USED ON SERIAL NO'S 42-42018 AND UP.
(B) (20, 30) USED ON SERIAL NO'S 42-64505 AND UP.
(C) (20, 30) USED ON SERIAL NO'S 42-87478 AND UP.
(D) (20, 25, 27, 30, 33) USED ON SERIAL NO'S 42-54285 AND UP.
(**) (20, 22, 24, 34, 37, 41, 42, 43, 44, 45) USED ON SERIAL NO'S 41-24736 TO 41-24775 INCL., 42-3564 TO 42-3683 INCL., 42-60942 TO 42-61091 INCL., 42-96529 TO 42-96828 INCL., AND 42-10136 TO 42-101235 INCL.
(*) (23) USED ON SERIAL NO'S 41-14300 TO 41-14563.
(*) (36) USED ON SERIAL NO'S 42-12587 TO 42-12736.

INTERCHANGEABILITY BETWEEN RED LINES. DO NOT CROSS A RED LINE WHEN DETERMINING VERTICAL INTERCHANGEABILITY.

NOTE: IN ALL CASES WHERE COM. INST'S. ARE USED, WHEN THE SUPPLY BECOMES EXHAUSTED, ARMY OR AN ST. INST. WILL BE USED. FRONT MOUNTED INST. MAY BE REPLACED BY ARMY & AN ST. BY DRILLING THE LOCK NUTS USING A #19 DRILL AND 8/32" MOUNTING SCREWS. "CAUTION" SHOULD BE USED WHILE DRILLING TO PREVENT BREAKING CORNERS.

	DESCRIPTION	VENDOR	PART NO.	TYPE	B-17E BO	B-17F BO	B-17F DO	B-17F VE	B-17G DO	B-24D CO	B-24E CO	B-24E DO	B-24E FO	B-24G NA	B-24H FO	B-24H CO	B-24H DO	B-25C NA	B-25D NA	B-25G NA	B-25H NA	B-26B MA	B-26B1 MA	B-26C MA	RB-34 VE	A-20B DO	A-20C BO	A-20C DO	A-20G DO	A-24A DO	A-24B DO	A-28A CU	A-28A LO	A-29 LO	A-29A LO	A-30A MA	A-35A VU	A-35B VU	A-36A NA	P-38E LO	P-38F LO	P-38G LO	P-38H LO	P-38J LO	P-38K LO	P-39D BE	P-39F BE	P-39K BE
1	CLASS 05-C ALTIMETER ASSEMBLY - SENSITIVE																																															
2	RANGE 50,000 FT. NOT LIGHTED	KOLLSMAN	671K-03	C-12	X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X					X	X	X	X	X	X	X	X	X	X	X	X	X
3	" " " " "	"	671BK-03	C-12	X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X					X	X	X	X	X	X	X	X	X	X	X	X	X
4	" " " " "	CG CONN		C-12	X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X					X	X	X	X	X	X	X	X	X	X	X	X	X
5	" " " " "	KOLLSMAN	671CK-010	AN 5760-2	X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X					X	X	X	X	X	X	X	X	X	X	X	X	X
6	" " " " "	"	671BK-07	C-16	X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X					X	X	X	X	X	X	X	X	X	X	X	X	X
7	" " " " "	"	671CK-010-4	AN 5760-4	X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X					X	X	X	X	X	X	X	X	X	X	X	X	X
8	RANGE 35,000 FT. NOT LIGHTED	KOLLSMAN	371K-05	C-13	X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X					X	X	X	X	X	X	X	X	X	X	X	X	X
9	" " " " "			AN 5760-1	X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X					X	X	X	X	X	X	X	X	X	X	X	X	X
10	" " " " "	KOLLSMAN	371K-01	COML	X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X					X	X	X	X	X	X	X	X	X	X	X	X	X
11	" " " " "	"	177B-033	"	X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X					X	X	X	X	X	X	X	X	X	X	X	X	X
12	" " " " "	KOLLSMAN	177BK-031	"	X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X					X	X	X	X	X	X	X	X	X	X	X	X	X
13	" " " " " FRONT MOUNTED	"	325H-01	"																																												
14	RANGE 35,000 FT. NOT LIGHTED	PIONEER	155H-2J-H	C-14	X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X					X	X	X	X	X	X	X	X	X	X	X	X	X
15	" " " " "	"	1555-2J-A	C-14	X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X					X	X	X	X	X	X	X	X	X	X	X	X	X
16	" " " " "	"	1555-2J-B	C-14	X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X					X	X	X	X	X	X	X	X	X	X	X	X	X
17	" " " " "	"	1556-2K-A	NAVY	X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X					X	X	X	X	X	X	X	X	X	X	X	X	X
18	" " " " "	KOLLSMAN	544KH-05	"	X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X					X	X	X	X	X	X	X	X	X	X	X	X	X
19	" " " " "	PIONEER	1523-2B-A	COML																																												
20	" " " " "	PIONEER	1582-2H-A	"	X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X					X	X	X	X	X	X	X	X	X	X	X	X	X
21	" " " 3 VOLT LIGHTED 1 WIRE	"	1586-2B-A1	"	X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X					X	X	X	X	X	X	X	X	X	X	X	X	X
22	" " " " " " " "	KOLLSMAN	371S-03	C-11	X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X					X	X	X	X	X	X	X	X	X	X	X	X	X
23	" " " LIGHTED 2 WIRE	KOLLSMAN	177BSD-033	COML																					X								X	X	X													
24	RANGE 20,000 FT. NOT LIGHTED	KOLLSMAN	596BK-01	COML																																											
25	" " " " "																																														
26																																															
27																																															
28																																															
29																																															
30	CLASS 05-D AMMETER ASSEMBLY AIRCRAFT																																														
31	RANGE -20-TO- +100 AMPS. 12 VOLT SYSTEM	HICKOK	5663	D-2																						X	X																				
32	" " " " " " "	WESTON	92036	D-2																						X	X																				
33	RANGE 0-TO-300 AMPS. 24 VOLT SYSTEM	HICKOK	6206	E-1	X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X				X	X	X						X	X	X	X	X	X	X	X	X	X	X	X	X
34	" " " " " "	WESTINGHOUSE	1205851	E-1	X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X				X	X	X						X	X	X	X	X	X	X	X	X	X	X	X	X
35	" " " " " "	WESTON	90595	E-1	X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X				X	X	X						X	X	X	X	X	X	X	X	X	X	X	X	X
36	RANGE 0-TO-150 AMPS. 12 & 24 VOLT SYSTEM	WESTINGHOUSE	1205852	F-1	X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X						X	X	X	X	X	X	X	X	X	X	X	X	X
37	" " " " " " "	WESTON	102491	F-1	X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X						X	X	X	X	X	X	X	X	X	X	X	X	X
38																																															
39																																															
40																																															
41																																															
42																																															
43	CLASS 05-D AUTOSYN INSTRUMENTS THERMOMETER ASSY. OIL TEMPERATURE																																														
44																																															
45	RANGE 10-TO-150°C.	PIONEER	6007-3B-7A	A-22	X													X	X			X	X																		X							
46	" " "	"	6007-3C-7A	COML	X													X	X			X	X																		X							
47																																															
48																																															
49																																															
50	AUTOSYN INSTRUMENTS (CONT'D NEXT PAGE)																																														

HEAVY BOMBERS | MEDIUM BOMBERS | LIGHT BOMBERS | FIGHTERS

REMARKS: LINES (2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16) MAY REQUIRE PANEL MODIFICATION. (17, 18) NAVY TYPE 88A340 MAY REQUIRE PANEL MODIFICATION. (21, 22, 23) MAY REQUIRE PANEL MODIFICATION. (31, 32) USE SHUNT PART #92037. (33) USE SHUNT PART #6206-1. (34, 35) USE SHUNT PART #6-8-2401. (36) FOR 12 & 24 VOLT SYSTEM GENERATING BELOW 150 AMPS USE SHUNT PART #6-82396. (37) FOR 12 & 24 VOLT SYSTEMS GENERATING BELOW 150 AMPS USE SHUNT PART #92431. (45, 46) USE TRANSMITTER #456-6C-A5.

	FIGHTERS																						CARGO															TRAINERS																																	
	P-39L BE	P-39M BE	P-39N BE	P-39Q BE	P-39J BE	P-40E CU	P-40F CU	P-40K CU	P-40L CU	P-40M CU	P-40N CU	RP-47B RE	P-47C RE	P-47D RE	P-47G CU	P-51 NA	P-51A NA	P-51B NA	P-51C NA	P-51D NA	P-61A NO	P-63A BE	UC-45 BH	C-46A CU	C-47 DO	C-47A DO	C-53 DO	C-53D DO	C-54A DO	C-57D LO	C-60A LO	UC-61A FA	UC-64A ND	UC-78 CE	UC-78B CE	UC-78C CE	C-87 CO	AT-6A NA	AT-6B NA	AT-6C NA	AT-6D NA	AT-7 BH	AT-9 CU	AT-9A CU	AT-10 BH	AT-11 BH	AT-16 ND	AT-17 CE	AT-17A CE	AT-17B CE	AT-17C CE	AT-17D CE	AT-18 LO	AT-21-FA	BT-12 FL	BT-13A VU	BT-14 NA	BT-15 VU	PT-13B BO	PT-13D BO	PT-17 BO	PT-17A BO	PT-19A FA	PT-19B FA	PT-22 RY	PT-23 HO	PT-23 SL	PT-23 FL	PT-23 AE	PT-27 BO	
1																																																																							
2	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	
3	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	
4	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	
5	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	
6	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	
7	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	
8	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	
9	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	
10	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	
11	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	
12	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	
13																									X		X																																												
14	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	
15	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	
16	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	
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18	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	
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22	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	
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34	X	X	X	X		X	X	X	X	X	X	X	X	X	X			X	X	X	X	X	X	X	X	X				X		X	X	X	X		X			X	X	X	X	X	X	X	X	X		X	X		X	X	X	X		X													
35	X	X	X	X		X	X	X	X	X	X	X	X	X	X			X	X	X	X	X	X	X	X	X				X		X	X	X	X		X			X	X	X	X	X	X	X	X	X		X	X		X	X	X	X		X													
36	X	X	X	X		X	X	X	X	X	X	X	X	X	X			X	X	X	X	X	X	X	X	X				X		X	X	X	X		X			X	X	X	X	X	X	X	X	X		X	X		X	X	X	X		X													
37	X	X	X	X		X	X	X	X	X	X	X	X	X	X			X	X	X	X	X	X	X	X	X				X		X	X	X	X		X			X	X	X	X	X	X	X	X	X		X	X		X	X	X	X		X													
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REMARKS:

VERTICAL INTERCHANGEABILITY BETWEEN RED LINES. DO NOT CROSS RED LINE WHEN DETERMINING VERTICAL INTERCHANGEABILITY.

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	CLASS 05-D DESCRIPTION	VENDOR	PART NO.	TYPE	HEAVY BOMBERS																MEDIUM BOMBERS							LIGHT BOMBERS														FIGHTERS									
					B-17E BO	B-17F BO	B-17F DO	B-17F VE	B-17G DO	B-24D CO	B-24E CO	B-24E DO	B-24E FO	B-24G NA	B-24H FO	B-24H CO	B-24H DO	B-25C NA	B-25D NA	B-25G NA	B-25H NA	B-26B MA	B-26B1 MA	B-26C MA	RB-34 VE	A-20B DO	A-20C BO	A-20C DO	A-20G DO	A-24A DO	A-24B DO	A-25A CU	A-20A LO	A-29 LO	A-29A LO	A-30A MA	A-35A VU	A-35B VU	A-36A NA	P-38E LO	P-38F LO	P-38G LO	P-38H LO	P-38J LO	P-38K LO	P-39D BE	P-39F BE	P-39K BE	
1	AUTOSYN INSTRUMENTS (CONT'D)																																																1
2	GAGE ASSY. - OIL PRESSURE																																																2
3	RANGE 0-TO-200 LBS.	PIONEER	6007-4E-7-A (1)	B-9	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X																X	X	X								3
4	" "	"	6007-4H-7-A (2)	B-9A	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X																X	X	X								4
5	" " "	"	6007-4H-14-A (3)	B-9A	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X																X	X	X								5
6	" " "	"	6007-4C-1-A (4)	COML	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X																X	X	X								6
7	" " "	"	6007-4D-6-A (5)	"	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X																X	X	X								7
8	" " "	"	6007-4G-7-A (6)	"	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X																X	X	X								8
9																																																	9
10																																																	10
11																																																	11
12	CLASS 05-D																																																12
13	GAGE ASSY. - FUEL PRESSURE																																																13
14	RANGE 0-TO-20 LBS.	PIONEER	6007-9B-7-A (7)	C-1A	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X																X	X	X								14
15	" " "	"	6007-9C-7-A (8)	COML	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X																X	X	X								15
16	RANGE 0-TO-25 LBS.	"	6007-1AE-7-A (9)	C-1AA	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X																X	X	X								16
17	" " "	"	6007-1AE-1A-A (10)	C-1AA	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X																X	X	X								17
18	" " "	"	6007-1AB-1-A (11)	COML	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X																X	X	X								18
19	" " "	"	6007-1AC-8-A (12)	"	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X																X	X	X								19
20																																																	20
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24	CLASS 05-D																																																24
25	GAGE ASSY. - MANIFOLD PRESSURE																																																25
26	RANGE 10-TO-50" HG	PIONEER	6007-1E-7-A (13)	D-8	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X																X	X	X								26
27	" " "	"	6007-1B-1-A (14)	COML	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X																X	X	X								27
28	" " "	"	6007-1C-6-A (15)	"	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X																X	X	X								28
29	" " "		6007-1F-7-A (16)	"	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X																X	X	X								29
30	RANGE 10-TO-60" HG	"	6007-50A-7-A (17)	D-8A	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X																X	X	X								30
31	" " "	"	6007-50A-1A-A (18)	D-8A	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X																X	X	X								31
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36	CLASS 05-D																																																36
37	TACHOMETER ASSY.																																																37
38	RANGE 0-TO-3500 RPM	PIONEER	6007-28C-7-A (19)	E-10	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X																X	X	X								38
39	" " "	"	6007-28C-1A-A (20)	E-10	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X																X	X	X								39
40	" " "	"	6007-28A-1-A (21)	COML	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X																X	X	X								40
41	" " "	"	6007-28B-6-A (22)	"	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X																X	X	X								41
42	" " "	"	6007-28A-7-A (23)	"	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X																X	X	X								42
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REMARKS: LINE NUMBERS IN RED.

(*) (3, 4, 5, 6, 7, 8) USE TRANSMITTER 4150-3-A3 OR 4150-3-B3.
(*) (14, 15) C-14A LATER MODEL THAN C-14. FOR C-14 USE TRANSMITTER 4050-3-A3.
(*) (16, 17, 18, 19) WITH C-14A USE TRANSMITTER 4050-4-A4 OR 4050-4-B4.
(*) (26, 27, 28, 29) D-8A LATER MODEL THAN D-8. WITH D-8 USE TRANSMITTER 4250-1-A1 OR 4250-1-B1.
(*) (30, 31) WITH A D-8A USE TRANSMITTER 4250-2-A2 OR 4250-2-B2.
(*) (38, 39, 40, 41, 42) USE TRANSMITTER 4350-2A-A2 OR 4250-2A-B2.

	FIGHTERS																					CARGO																		TRAINERS																													
	P-39L BE	P-39M BE	P-39N BE	P-39Q BE	P-39J BE	P-40E CU	P-40F CU	P-40K CU	P-40L CU	P-40M CU	P-40N CU	RP-47B RE	P-47C RE	P-47D RE	P-47G CU	P-51 NA	P-51A NA	P-51B NA	P-51C NA	P-51D NA	P-63A BE	UC-45 BH	C-46A CU	C-47 DO	C-47A DO	C-53 DO	C-53D DO	C-54A DO	C-87D LO	C-60A LO	UC-61A FA	UC-64A ND	UC-78 CE	UC-78B CE	UC-78C CE	C-87 CO	AT-6A NA	AT-6B NA	AT-6C NA	AT-6D NA	AT-7 BH	AT-9 CU	AT-9A CU	AT-10 BH	AT-11 BH	AT-16 ND	AT-17 CE	AT-17A CE	AT-17B CE	AT-17C CE	AT-17D CE	AT-18 LO	AT-21-FA	BT-12 FL	BT-13A VU	BT-14 NA	BT-15 VU	PT-13B BO	PT-13D BO	PT-17 BO	PT-17A BO	PT-19A FA	PT-19B FA	PT-22 RY	PT-23 HO	PT-23 SL	PT-23 FL	PT-23 AE	PT-27 BO	
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REMARKS:

T. O. No. 00-25-29

VERTICAL INTERCHANGEABILITY BETWEEN RED LINES. DO NOT CROSS A RED LINE WHEN DETERMINING VERTICAL INTERCHANGEABILITY.

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	DESCRIPTION	VENDOR	PART NO.		TYPE
1	BULB RESISTANCE - THERMOMETER 1-7/8" LONG				
2	AIR THERMOMETER BULBS CLASS 05-C OTHERS 05-D				
3	" " " " "	WESTON	93144	(*)	C-10
4	" " " " "	"	91346	(*)	C-11
5	" " " " "	"	106415	(*)	C-11
6	" " " " "	"	1121261	(*)	C-11
7	" " " " "	WESTINGHOUSE	1120482	(*)	C-11
8	" " " " "	WESTON	93144	(*)	C-12
9	" " " " "	"	106415	(*)	C-12
10	" " " " "	WESTON	94176	(*)	F-8
11	" " " " "	"	106415	(*)	F-8
12	" " " " "		V1062	(*)	F-8
13	" " " " "	WESTON	94176	(*)	F-9
14	" " " " "	"	106415	(*)	F-9
15	" " " " "		106346	(*)	F-9
16	" " " " "	WESTON	94176	(*)	F-10
17	" " " " "	"	106415	(*)	F-10
18	" " " " "		1120741	(*)	F-10
19	" " " " "		1120841	(*)	F-10
20	" " " " "		1120842	(*)	F-10
21	" " " " "	EDISON SPLITDORF	B-2201		AN 5525-1
22	" " " " "	WESTON	106346		AN 5525-1
23					
24					
25					
26					
27					
28	BULB RESISTANCE - THERMOMETER 4" LONG				
29	" " "	WESTON	102172	(*)	A-23
30	" " "	"	1120641	(*)	A-23
31	" " "	"	102172	(*)	A-24
32	" " "	"	1120641	(*)	A-24
33	" " "	"	1120642	(*)	A-24
34	" " "	"	1020141	(*)	A-25
35	" " "	"	1120242	(*)	A-25
36	" " "	"	102172	(*)	A-25
37	" " "	EDISON SPLITDORF	B-2202		AN 5525-2
38	" " "	SUTTON HORSLEY	R-322-3		AN 5525-2
39	" " "	WESTON	106347		AN 5525-2
40	" " "	ELECTRIC AUTO LITE	100732		AN 5525-2
41					
42					
43					
44	CLASS 05-C				
45	CLOCK ASSEMBLY - AIRCRAFT				
46	WINDING KNOB LOWER L.H. CORNER 8 DAY LIGHTED 1 WIRE	WITTNAUER	63EA	(*)	A-9
47	" " " " "	"	63EA0	(*)	A-9
48	" " " " "	"	63EAF	(*)	A-9
49	8 DAY LIGHTED 2 WIRE	KOLLSMAN	50539-01		COML
50	CLOCK ASSEMBLY - AIRCRAFT (CONT'D NEXT PAGE)				

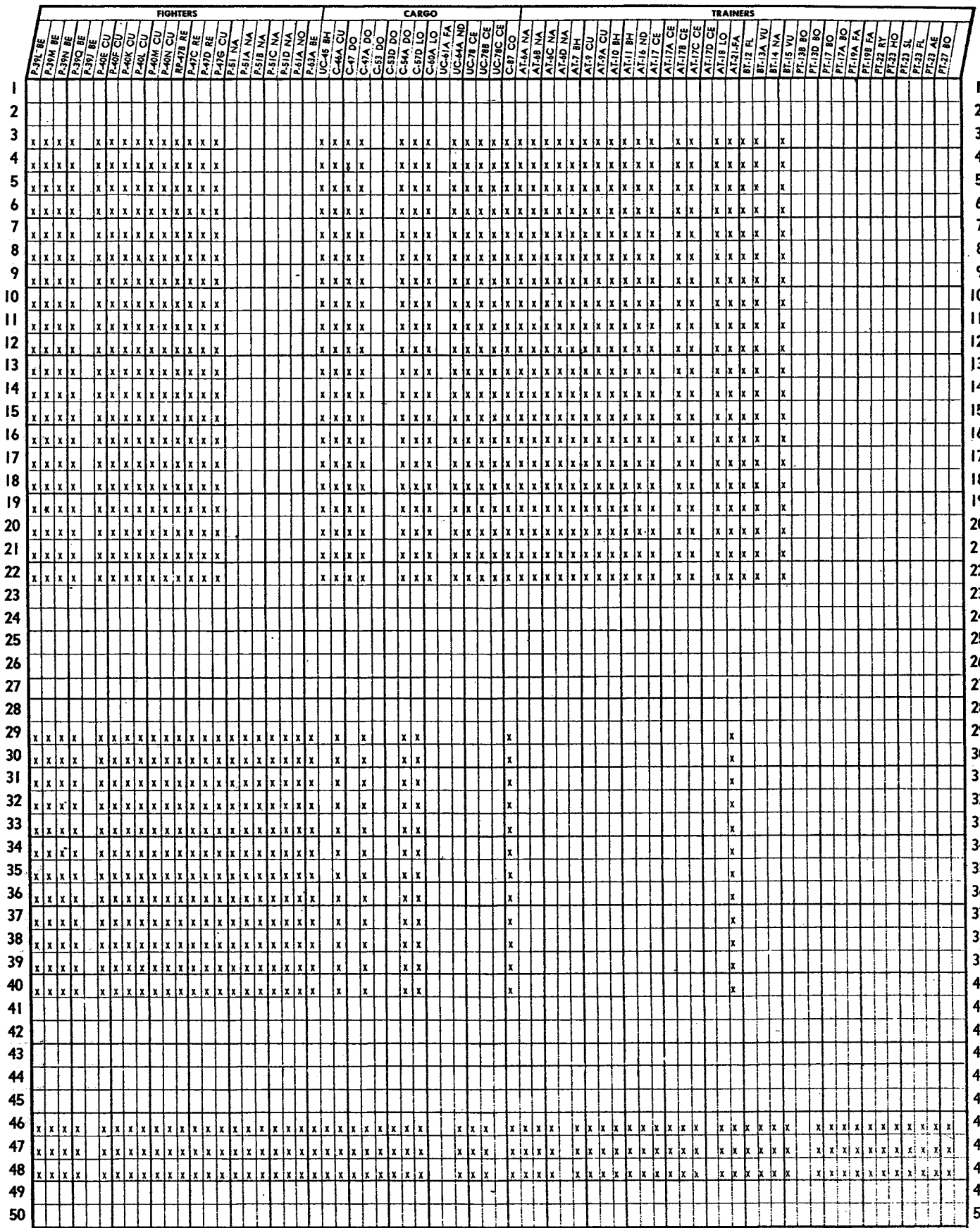
	HEAVY BOMBERS															MEDIUM BOMBERS							LIGHT BOMBERS																FIGHTERS					
	B-17E BO	B-17F BO	B-17F DO	B-17F VE	B-17G DO	B-24D CO	B-24E CO	B-24E DO	B-24E FO	B-24G NA	B-24H FO	B-24H CO	B-24H DO	B-28C NA	B-25D NA	B-25G NA	B-25H NA	B-26B MA	B-26B1 MA	B-26C MA	RB-34 VE	A-20B DO	A-20C BO	A-20C DO	A-20G DO	A-24A DO	A-24B DO	A-28A CU	A-28A LO	A-29 LO	A-29A LO	A-30A MA	A-35A VU	A-36A NA	P-38E LO	P-38F LO	P-38G LO	P-38H LO	P-38J LO	P-38K LO	P-39D BE	P-39F BE	P-39K BE	
1																																												1
2																																												2
3	X	X	X	X	X	X	X	X	X	X				X	X	X	X	X	X	X		X			X		X					X	X	X	X	X	X	X	X	X	X	X	3
4	X	X	X	X	X	X	X	X	X	X				X	X	X	X	X	X	X		X			X		X					X	X	X	X	X	X	X	X	X	X	X	4
5	X	X	X	X	X	X	X	X	X	X				X	X	X	X	X	X	X		X			X		X					X	X	X	X	X	X	X	X	X	X	X	5
6	X	X	X	X	X	X	X	X	X	X				X	X	X	X	X	X	X		X			X		X					X	X	X	X	X	X	X	X	X	X	X	6
7	X	X	X	X	X	X	X	X	X	X				X	X	X	X	X	X	X		X			X		X					X	X	X	X	X	X	X	X	X	X	X	7
8	X	X	X	X	X	X	X	X	X	X				X	X	X	X	X	X	X		X			X		X					X	X	X	X	X	X	X	X	X	X	X	8
9	X	X	X	X	X	X	X	X	X	X				X	X	X	X	X	X	X		X			X		X					X	X	X	X	X	X	X	X	X	X	X	9
10	X	X	X	X	X	X	X	X	X	X				X	X	X	X	X	X	X		X			X		X					X	X	X	X	X	X	X	X	X	X	X	10
11	X	X	X	X	X	X	X	X	X	X				X	X	X	X	X	X	X		X			X		X					X	X	X	X	X	X	X	X	X	X	X	11
12	X	X	X	X	X	X	X	X	X	X				X	X	X	X	X	X	X		X			X		X					X	X	X	X	X	X	X	X	X	X	X	12
13	X	X	X	X	X	X	X	X	X	X				X	X	X	X	X	X	X		X			X		X					X	X	X	X	X	X	X	X	X	X	X	13
14	X	X	X	X	X	X	X	X	X	X				X	X	X	X	X	X	X		X			X		X					X	X	X	X	X	X	X	X	X	X	X	14
15	X	X	X	X	X	X	X	X	X	X				X	X	X	X	X	X	X		X			X		X					X	X	X	X	X	X	X	X	X	X	X	15
16	X	X	X	X	X	X	X	X	X	X				X	X	X	X	X	X	X		X			X		X					X	X	X	X	X	X	X	X	X	X	X	16
17	X	X	X	X	X	X	X	X	X	X				X	X	X	X	X	X	X		X			X		X					X	X	X	X	X	X	X	X	X	X	X	17
18	X	X	X	X	X	X	X	X	X	X				X	X	X	X	X	X	X		X			X		X					X	X	X	X	X	X	X	X	X	X	X	18
19	X	X	X	X	X	X	X	X	X	X				X	X	X	X	X	X	X		X			X		X					X	X	X	X	X	X	X	X	X	X	X	19
20	X	X	X	X	X	X	X	X	X	X				X	X	X	X	X	X	X		X			X		X					X	X	X	X	X	X	X	X	X	X	X	20
21	X	X	X	X	X	X	X	X	X	X				X	X	X	X	X	X	X		X			X		X					X	X	X	X	X	X	X	X	X	X	X	21
22	X	X	X	X	X	X	X	X	X	X				X	X	X	X	X	X	X		X			X		X					X	X	X	X	X	X	X	X	X	X	X	22
23																																											23
24																																											24
25																																											25
26																																											26
27																																											27
28																																											28
29	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X			X		X					X	X	X	X	X	X	X	X	X	X	X	29
30	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X			X		X					X	X	X	X	X	X	X	X	X	X	X	30
31	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X			X		X					X	X	X	X	X	X	X	X	X	X	X	31
32	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X			X		X					X	X	X	X	X	X	X	X	X	X	X	32
33	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X			X		X					X	X	X	X	X	X	X	X	X	X	X	33
34	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X			X		X					X	X	X	X	X	X	X	X	X	X	X	34
35	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X			X		X					X	X	X	X	X	X	X	X	X	X	X	35
36	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X			X		X					X	X	X	X	X	X	X	X	X	X	X	36
37	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X			X		X					X	X	X	X	X	X	X	X	X	X	X	37
38	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X			X		X					X	X	X	X	X	X	X	X	X	X	X	38
39	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X			X		X					X	X	X	X	X	X	X	X	X	X	X	39
40	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X			X		X					X	X	X	X	X	X	X	X	X	X	X	40
41																																											41
42																																											42
43																																											43
44																																											44
45																																											45
46	X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X			X	X	X	X				X	X	X	X	X	X	X	X	X	X	X	46
47	X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X			X	X	X	X				X	X	X	X	X	X	X	X	X	X	X	47
48	X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X			X	X	X	X				X	X	X	X	X	X	X	X	X	X	X	48
49																					X								X	X	X												49
50																																											50

REMARKS: LINE NUMBERS IN RED.

(*) (3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20) AN-5525-1 LATER MODEL THAN OTHER TYPES LISTED.

(*) (29, 30, 31, 32, 33, 34, 35, 36) AN-5525-2 LATER MODEL THAN OTHER TYPES LISTED.

(*) (46, 47, 48) MAY REQUIRE PANEL MODIFICATION.


FIGHTERS
CARGO
TRAINERS
P-39L BE
P-39M BE
P-39N BE
P-39Q BE
P-39J BE
P-40E CU
P-40F CU
P-40K CU
P-40L CU
P-40M CU
P-40N CU
RP-47B RE
P-47C RE
P-47D RE
P-47G CU
P-51 NA
P-51A NA
P-51B NA
P-51C NA
P-51D NA
P-61A NO
P-63A BE
UC-45 BH
C-46A CU
C-47 DO
C-47A DO
C-53 DO
C-53D DO
C-54A DO
C-87D LO
C-60A LO
UC-61A FA
UC-64A ND
UC-78 CE
UC-78B CE
UC-78C CE
C-87 CO
AT-6A NA
AT-6B NA
AT-6C NA
AT-6D NA
AT-7 BH
AT-9 CU
AT-10A CU
AT-10 BH
AT-11 BH
AT-16 ND
AT-17 CE
AT-17A CE
AT-17B CE
AT-17C CE
AT-17D CE
AT-18 LO
AT-21-FA
BT-12 FL
BT-13A VU
BT-14 NA
BT-15 VU
PT-13B BO
PT-13D BO
PT-17 BO
PT-17A BO
PT-19A FA
PT-19B FA
PT-22 RY
PT-23 HO
PT-23 SL
PT-23 FL
PT-23 AE
PT-27 BO

REMARKS:

INTERCHANGEABILITY BETWEEN RED LINES. DO NOT CROSS A RED LINE WHEN DETERMINING VERTICAL INTERCHANGEABILITY.

NOTE: IN ALL CASES WHERE COM. INST'S. ARE USED, WHEN THE SUPPLY BECOMES EXHAUSTED, ARMY OR AN ST. INST. WILL BE USED. FRONT MOUNTED INST. MAY BE REPLACED BY ARMY & AN ST. BY DRILLING THE LOCK NUTS USING A #19 DRILL AND 8/32" MOUNTING SCREWS. "CAUTION" SHOULD BE USED WHILE DRILLING TO PREVENT BREAKING CORNERS.

	DESCRIPTION	VENDOR	PART NO.	TYPE	HEAVY BOMBERS																				MEDIUM BOMBERS										LIGHT BOMBERS																FIGHTERS										
					B-17E BO	B-17F BO	B-17F DO	B-17F VE	B-17G DO	B-24D CO	B-24E CO	B-24E DO	B-24E FO	B-24G NA	B-24H FO	B-24H CO	B-24H DO	B-25C NA	B-25D NA	B-25G NA	B-25H NA	B-26B MA	B-26B1 MA	B-26C MA	RB-34 VE	A-20B DO	A-20C BO	A-20C DO	A-20G DO	A-24A DO	A-24B DO	A-35A CU	A-28A LO	A-29 LO	A-29A LO	A-30A MA	A-35A VU	A-35B VU	A-36A NA	P-38E LO	P-38F LO	P-38G LO	P-38H LO	P-38J LO	P-38K LO	P-39D BE	P-39F BE	P-39K BE		
1																																																						1
2	CLOCK ASSEMBLY - AIRCRAFT (CONT'D)																																																			2
3	WINDING KNOB LOWER L. H. CORNER 8 DAY NOT LIGHTED	WITTNAUER	63EAFF	A-11	X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X			X	X	X	X				X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	3
4	" " " " "	ELGIN	1776	A-11	X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X			X	X	X	X				X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	4
5	" " " " "	PIONEER	3315-2B-A	A-11	X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X			X	X	X	X				X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	5
6	" " " " "	KOLLSMAN	505-01 *	COML	X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X			X	X	X	X				X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	6
7	" " " " "	"	505K-01 *	"	X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X			X	X	X	X				X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	7
8	WINDING KNOB LOWER CENTER 8 DAY NOT LIGHTED	PIONEER	3310-2A-A *	COML	X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X			X	X	X	X				0	X	X	X	X	X	X	X	X	X	X	X	X	X	X	8
9	" " " " "	"	3310-2B-A *	"	X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X			X	X	X	X				X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	9
10	" " " " "	KOLLSMAN	133-01 *	"	X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X			X	X	X	X				X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	10
11	" " " " "	JAEGER	1650	COML																					X	X																										11
12	" " " " "	"	3150-CA	"																					X	X																										12
13		BULOVA	21AE	A-11	X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X			X	X	X	X				X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	13
14		WALTHAM	22809-S-12	A-11	X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X			X	X	X	X				X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	14
15																																																			15
16																																																				16
17	CLASS 05-C COMPASS ASSEMBLY - PILOTS																																																			17
18	LIGHTED 1 WIRE 3 VOLT	PIONEER	1803A-1 *	B-16	X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X				X	X		X	X	X	X	X	X	X			X	X						18
19	" " " "	"	1803A-2 *	B-16	X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X				X	X		X	X	X	X	X	X	X			X	X						19
20	" " " "	"	1803-1-A *	B-16	X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X				X	X		X	X	X	X	X	X	X			X	X						20
21	" " " "	"	1803-1-B *	B-16	X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X				X	X		X	X	X	X	X	X	X			X	X						21
22	" " " "	"	1818-1-A *	B-16	X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X				X	X		X	X	X	X	X	X	X			X	X						22
23	" " " "	"	1818-3-A *	COML	X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X				X	X		X	X	X	X	X	X	X			X	X						23
24	" " " "	KOLLSMAN	758 *	B-16	X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X				X	X		X	X	X	X	X	X	X			X	X						24
25	LIGHTED 2 WIRE 12 & 24 VOLT	KOLLSMAN	58BL *	COML	X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X				X	X		X	X	X	X	X	X	X			X	X						25
26	" " 24 "	PIONEER	1821-2-A *	"	X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X				X	X		X	X	X	X	X	X	X			X	X						26
27	NOT LIGHTED	KOLLSMAN	1328	COML																																															27
28	" "	PIONEER	1820-1-A	COML																																															28
29	LIGHTED 1 WIRE 3 VOLT	KOLLSMAN	65A *	B-17	X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X				X	X		X	X	X	X	X	X	X			X	X						29
30	" " "	PIONEER	1813-1-A *	B-17	X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X				X	X		X	X	X	X	X	X	X			X	X						30
31	" " "	"	1813-1-B *	B-17	X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X				X	X		X	X	X	X	X	X	X			X	X						31
32	" " "	"	1813-2-B *	B-17	X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X				X	X		X	X	X	X	X	X	X			X	X						32
33	LIGHTED 2 WIRE 12 & 24 VOLT	KOLLSMAN	65BL *	COML	X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X				X	X		X	X	X	X	X	X	X			X	X						33
34	" " " 24 "	PIONEER	1814-1-A *	"	X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X				X	X		X	X	X	X	X	X	X			X	X						34
35	" " " " "	PIONEER	1814-1-B *	"	X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X				X	X		X	X	X	X	X	X	X			X	X						35
36																																																				36
37																																																				37
38																																																			38
39																																																			39
40																																																			40
41	CLASS 05-C FILTER AIR-VACUUM OPERATED INST'S.																																																		41
42	" " " "	PURALATOR	28102	AN 5822-1		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X			X		X	X	X	X	X	X		X	X		X	X	X	X	X	X	X		X	42
43	" " " "	"	28668	AN 5822-1		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X			X		X	X	X	X	X	X		X	X		X	X	X	X	X	X	X		X	43
44	" " " "	SKINNER PURIFIERS	27300	AN 5822-1		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X			X		X	X	X	X	X	X		X	X		X	X	X	X	X	X	X		X	44
45	" " " "	SPERRY	77869	AN 5822-1		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X			X		X	X	X	X	X	X		X	X		X	X	X	X	X	X	X		X	45
46																																																			46
47	FILTER AIR - AUTOMATIC PILOT	JACK & HEINTZ	JN 3116	A-3		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X			X		X	X	X	X	X	X		X	X		X	X	X	X	X	X	X		X	47
48	" " " "	SPERRY	644100	A-3A		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X			X		X	X	X	X	X	X		X	X		X	X	X	X	X	X	X		X	48
49																																																			49
50																																																				50

REMARKS: LINES (5) BRITISH REF. NO. 106A/529. (6) BRITISH REF. NO. 106A/324. (7,8,9) MAY REQUIRE PANEL MODIFICATION. (9) BRITISH REF. NO. 106A/322. (18,19,20,21,22,23,24) B-16 COMPASS MAY BE SUBSTITUTED FOR B-17, IF NECESSARY. (25) FOR 12 VOLT USE RESISTOR PT #71-9468. FOR 24 VOLT USE RESISTOR PT #71-970. (29,30,31,32) B-17 COMPASS MAY BE SUBSTITUTED FOR B-16 PROVIDING THERE IS AMPLE ROOM BACK OF THE INSTRUMENT PANEL. (33) FOR 12 VOLT, USE RESISTOR PT #71-9468. FOR 24 VOLT USE RESISTOR PT #71-970. (34,35) USE RESISTOR PT #71-970.

FIGHTERS

	P-39L BE	P-39M BE	P-39N BE	P-39Q BE	P-39J BE	P-40E CU	P-40F CU	P-40K CU	P-40L CU	P-40M CU*	P-40N CU	RP-47B RE	P-47C RE	P-47D RE	P-47G CU	P-51 NA	P-51A NA	P-51B NA	P-51C NA	P-51D NA	P-61A NO	P-63A BE
1																						
2	x	x	x	x		x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
3	x	x	x	x		x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
4	x	x	x	x		x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
5	x	x	x	x		x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
6	x	x	x	x		x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
7	x	x	x	x		x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
8	x	x	x	x		x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
9	x	x	x	x		x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
10																						
11																						
12	x	x	x	x		x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
13	x	x	x	x		x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
14																						
15																						
16																						
17																						
18						x	x	x	x	x	x	x	x	x	x	x	x	x				
19						x	x	x	x	x	x	x	x	x	x	x	x	x				
20						x	x	x	x	x	x	x	x	x	x	x	x	x				
21						x	x	x	x	x	x	x	x	x	x	x	x	x				
22						x	x	x	x	x	x	x	x	x	x	x	x	x				
23						x	x	x	x	x	x	x	x	x	x	x	x	x				
24						x	x	x	x	x	x	x	x	x	x	x	x	x				
25						x	x	x	x	x	x	x	x	x	x	x	x	x				
26						x	x	x	x	x	x	x	x	x	x	x	x	x				
27																						
28																						
29						x	x	x	x	x	x	x	x	x	x	x	x	x				
30						x	x	x	x	x	x	x	x	x	x	x	x	x				
31						x	x	x	x	x	x	x	x	x	x	x	x	x				
32						x	x	x	x	x	x	x	x	x	x	x	x	x				
33						x	x	x	x	x	x	x	x	x	x	x	x	x				
34						x	x	x	x	x	x	x	x	x	x	x	x	x				
35						x	x	x	x	x	x	x	x	x	x	x	x	x				
36																						
37																						
38																						
39																						
40																						
41																						
42	x	x	x					x	x	x	x			x	x			x	x	x		x
43	x	x	x					x	x	x	x			x	x			x	x	x		x
44	x	x	x					x	x	x	x			x	x			x	x	x		x
45	x	x	x											x	x			x	x	x		x
46																						
47	x	x	x					x	x	x	x			x	x			x	x	x		x
48	x	x	x					x	x	x	x			x	x			x	x	x		x
49																						
50																						

CARGO

	UC-45 BH	C-46A CU	C-47 DO	C-47A DO	C-53 DO	C-53D DO	C-54A DO	C-57D LO	C-60A LO	UC-61A FA	UC-64A ND	UC-78 CE	UC-78B CE	UC-78C CE	C-87 CO
1															
2	x	x	x	x	x	x	x	x			x	x	x		x
3	x	x	x	x	x	x	x	x			x	x	x		x
4	x	x	x	x	x	x	x	x			x	x	x		x
5	x	x	x	x	x	x	x	x			x	x	x		x
6	x	x	x	x	x	x	x	x			x	x	x		x
7	x	x	x	x	x	x	x	x			x	x	x		x
8	x	x	x	x	x	x	x	x			x	x	x		x
9	x	x	x	x	x	x	x	x			x	x	x		x
10															
11															
12	x	x	x	x	x	x	x	x			x	x	x		x
13	x	x	x	x	x	x	x	x			x	x	x		x
14															
15															
16															
17															
18	x	x	x	x	x	x	x	x	x	x		x	x	x	x
19	x	x	x	x	x	x	x	x	x	x		x	x	x	x
20	x	x	x	x	x	x	x	x	x	x		x	x	x	x
21	x	x	x	x	x	x	x	x	x	x		x	x	x	x
22	x	x	x	x	x	x	x	x	x	x		x	x	x	x
23	x	x	x	x	x	x	x	x	x	x		x	x	x	x
24	x	x	x	x	x	x	x	x	x	x		x	x	x	x
25	x	x	x	x	x	x	x	x	x	x		x	x	x	x
26	x	x	x	x	x	x	x	x	x	x		x	x	x	x
27															
28															
29	x	x	x	x	x	x	x	x	x	x		x	x	x	x
30	x	x	x	x	x	x	x	x	x	x		x	x	x	x
31	x	x	x	x	x	x	x	x	x	x		x	x	x	x
32	x	x	x	x	x	x	x	x	x	x		x	x	x	x
33	x	x	x	x	x	x	x	x	x	x		x	x	x	x
34	x	x	x	x	x	x	x	x	x	x		x	x	x	x
35	x	x	x	x	x	x	x	x	x	x		x	x	x	x
36															
37															
38															
39															
40															
41															
42	x	x	x	x		x	x	x	x		x	x	x	x	x
43	x	x	x	x		x	x	x	x		x	x	x	x	x
44	x	x	x	x		x	x	x	x		x	x	x	x	x
45	x	x	x	x		x	x	x			x	x	x	x	x
46															
47	x	x	x	x		x	x	x			x	x	x	x	x
48	x	x	x	x		x	x	x			x	x	x	x	x
49															
50															

TRAINERS

	AT-6A NA	AT-6B NA	AT-6C NA	AT-6D NA	AT-7 BH	AT-9 CU	AT-9A CU	AT-10 BH	AT-11 BH	AT-16 ND	AT-17 CE	AT-17A CE	AT-17B CE	AT-17C CE	AT-17D CE	AT-18 LO	AT-21-FA	BT-12 FL	BT-13A VU	BT-14 NA	BT-15 VU	PT-13B BO	PT-13D BO	PT-17 BO	PT-17A BO	PT-19A FA	PT-19B FA	PT-22 RY	PT-23 HO	PT-23 SL	PT-23 FL	PT-23 AE	PT-27 BO	
1																																		
2	x	x	x		x	x	x	x	x	x	x	x	x	x		x	x	x	x	x	x		x	x	x	x	x	x	x	x	x	x	x	
3	x	x	x		x	x	x	x	x	x	x	x	x	x		x	x	x	x	x	x		x	x	x	x	x	x	x	x	x	x	x	
4	x	x	x		x	x	x	x	x	x	x	x	x	x		x	x	x	x	x	x		x	x	x	x	x	x	x	x	x	x	x	
5	x	x	x		x	x	x	x	x	x	x	x	x	x		x	x	x	x	x	x		x	x	x	x	x	x	x	x	x	x	x	
6	x	x	x		x	x	x	x	x	x	x	x	x	x		x	x	x	x	x	x		x	x	x	x	x	x	x	x	x	x	x	
7	x	x	x		x	x	x	x	x	x	x	x	x	x		x	x	x	x	x	x		x	x	x	x	x	x	x	x	x	x	x	
8	x	x	x		x	x	x	x	x	x	x	x	x	x		x	x	x	x	x	x		x	x	x	x	x	x	x	x	x	x	x	
9	x	x	x		x	x	x	x	x	x	x	x	x	x		x	x	x	x	x	x		x	x	x	x	x	x	x	x	x	x	x	
10																																		
11																																		
12	x	x	x		x	x	x	x	x	x	x	x	x	x		x	x	x	x	x	x		x	x	x	x	x	x	x	x	x	x	x	
13	x	x	x		x	x	x	x	x	x	x	x	x	x		x	x	x	x	x	x		x	x	x	x	x	x	x	x	x	x	x	
14																																		
15																																		
16																																		
17																																		
18	x	x	x	x	x	x	x	x	x	x	x	x	x	x		x	x	x	x	x	x		x	x	x				x	x	x	x	x	
19	x	x	x	x	x	x	x	x	x	x	x	x	x	x		x	x	x	x	x	x		x	x	x				x	x	x	x	x	
20	x	x	x	x	x	x	x	x	x	x	x	x	x	x		x	x	x	x	x	x		x	x	x				x	x	x	x	x	
21	x	x	x	x	x	x	x	x	x	x	x	x	x	x		x	x	x	x	x	x		x	x	x				x	x	x	x	x	
22	x	x	x	x	x	x	x	x	x	x	x	x	x	x		x	x	x	x	x	x		x	x	x				x	x	x	x	x	
23	x	x	x	x	x	x	x	x	x	x	x	x	x	x		x	x	x	x	x	x		x	x	x				x	x	x	x	x	
24	x	x	x	x	x	x	x	x	x	x	x	x	x	x		x	x	x	x	x	x		x	x	x				x	x	x	x	x	
25	x	x	x	x	x	x	x	x	x	x	x	x	x	x		x	x	x	x	x	x		x	x	x				x	x	x	x	x	
26	x	x	x	x	x	x	x	x	x	x	x	x	x	x		x	x	x	x	x	x		x	x	x				x	x	x	x	x	
27																															x	x		
28																															x	x		
29	x	x	x	x	x	x	x	x	x	x	x	x	x	x		x	x	x	x	x	x		x	x	x				x	x	x	x	x	
30	x	x	x	x	x	x	x	x	x	x	x	x	x	x		x	x	x	x	x	x		x	x	x				x	x	x	x	x	
31	x	x	x	x	x	x	x	x	x	x	x	x	x	x		x	x	x	x	x	x		x	x	x				x	x	x	x	x	
32	x	x	x	x	x	x	x	x	x	x	x	x	x	x		x	x	x	x	x	x		x	x	x				x	x	x	x	x	
33	x	x	x	x	x	x	x	x	x	x	x	x	x	x		x	x	x	x	x	x		x	x	x				x	x	x	x	x	
34	x	x	x	x	x	x	x	x	x	x	x	x	x	x		x	x	x	x	x	x		x	x	x				x	x	x	x	x	
35	x	x	x	x	x	x	x	x	x	x	x	x	x	x		x	x	x	x	x	x		x	x	x				x	x	x	x	x	
36																																		
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41																																		
42			x	x	x	x	x	x	x	x			x	x		x	x	x	x		x													
43			x	x	x	x	x	x	x	x			x	x		x	x	x	x		x													
44			x	x	x	x	x	x	x	x			x	x		x	x	x	x		x													
45			x	x	x	x	x	x	x	x			x	x		x	x	x	x		x													
46																																		
47			x	x	x	x	x	x	x	x			x	x		x	x	x	x		x													
48			x	x	x	x	x	x	x	x			x	x		x	x	x	x		x													
49																																		
50																																		

REMARKS:

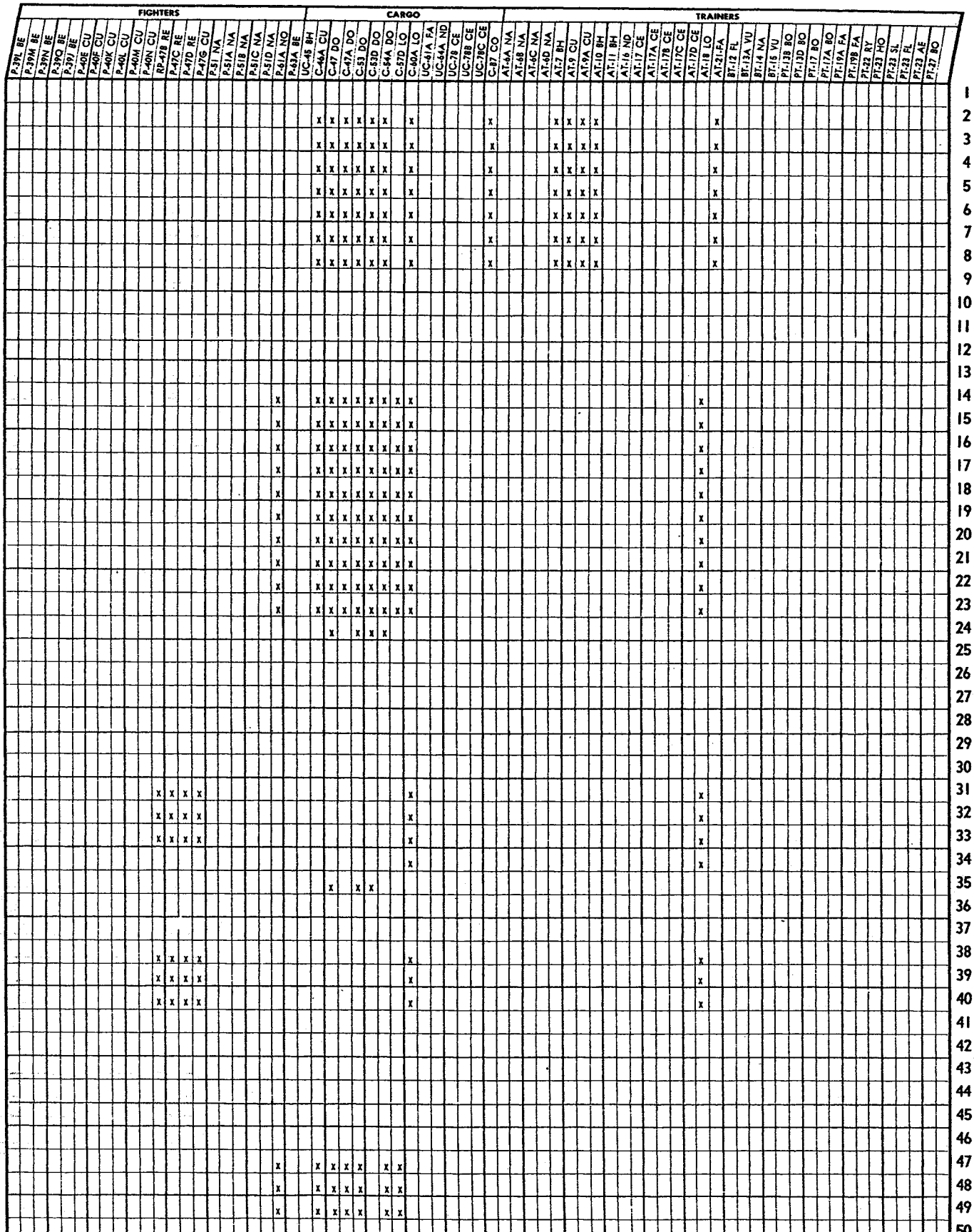
VERTICAL INTERCHANGEABILITY BETWEEN RED LINES. DO NOT CROSS A RED LINE WHEN DETERMINING VERTICAL INTERCHANGEABILITY.

NOTE: IN ALL CASES WHERE COML INST'S. ARE USED, WHEN THE SUPPLY BECOMES EXHAUSTED, ARMY OR AN ST. INST. WILL BE USED. FRONT MOUNTED INST. MAY BE REPLACED BY ARMY & AN ST. BY DRILLING THE LOCK NUTS USING A #19 DRILL AND 8/32" MOUNTING SCREWS. "CAUTION" SHOULD BE USED WHILE DRILLING TO PREVENT BREAKING CORNERS.

CLASS 05-C DESCRIPTION	VENDOR	PART NO.	TYPE	HEAVY BOMBERS: B-17E BO	B-17F BO	B-17F DO	B-17F VE	B-17G DO	B-24D CO	B-24E CO	B-24E DO	B-24E FO	B-24G NA	B-24H FO	B-24H CO	B-24H DO	MEDIUM BOMBERS: B-25C NA	B-25D NA	B-25G NA	B-25H NA	B-26B MA	B-26B1 MA	B-26C MA	RB-34 VE	LIGHT BOMBERS: A-20B DO	A-20C BO	A-20C DO	A-20G DO	A-24A DO	A-24B DO	A-35A CU	A-28A LO	A-29 LO	A-29A LO	A-30A MA	A-35A VU	A-35B VU	A-36A NA	FIGHTERS: P-38E LO	P-38F LO	P-38G LO	P-38H LO	P-38J LO	P-38K LO	P-39D BE	P-39F BE	P-39K BE
GAGE ASSY. - PRESSURE AUTOMATIC PILOT																																														
LIGHTED 1 WIRE RANGE 0-TO-300 LBS. 3 VOLT	M.M. & M.	M-962 (*)	H-1														X	X	X				X								X	X	X													
RANGE 0-TO-300 LBS. NOT LIGHTED	US GAUGE	AN-1-7/8-14-CK	H-2														X	X	X				X								X	X	X													
" " " "	ELECTRIC AUTO LITE	9753-A	H-2														X	X	X				X								X	X	X													
" " " "	"	10231-A	H-2														X	X	X				X								X	X	X													
RANGE 0-TO-200 LBS. NOT LIGHTED	US GAUGE	AN-1-7/8-14-CZ	AN 5771-2														X	X	X				X								X	X	X													
" " " "	MOTO METER		AN 5771-2														X	X	X				X								X	X	X													
" " " "	ELECTRIC AUTO LITE	10185-A	H-2														X	X	X				X								X	X	X													
CLASS 05-C																																															
GAGE ASSEMBLY - PRESSURE DE-ICING																																														
RANGE 0-TO-20 LBS. LIGHTED 1 WIRE	US GAUGE	AN-2-43 (*)	G-1	X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X							X	X	X													
" " " " "	"	AN-1-7/8-16U (*)	G-1	X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X							X	X	X													
" " " " "	"	AN-1-7/8-16Y (*)	G-1	X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X							X	X	X													
" " " " "	M.M. & M.	M-948 (*)	G-1	X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X							X	X	X													
" " NOT LIGHTED	US GAUGE	AN-2-48	COML	X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X							X	X	X													
RANGE 0-TO-20 LBS. NOT LIGHTED	US GAUGE	AN-1-7/8-16N (*)	G-2	X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X							X	X	X													
" " " "	M.M. & M.	6753-109 (*)	G-2	X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X							X	X	X													
RANGE 0-TO-20 LBS. NOT LIGHTED	US GAUGE	AN-1-7/8-16AC (*)	AN 5771-3	X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X							X	X	X													
" " " "	MOTO METER	(*)	AN 5771-3	X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X							X	X	X													
" " " "	ELECTRIC AUTO LITE	(*)	AN 5771-3	X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X							X	X	X													
RANGE 0-TO-10 LBS. NOT LIGHTED	KOLLSMAN	225F-01	COML																																											
CLASS 05-D																																														
GAGE ASSY. - FUEL PRESSURE																																														
RANGE 0-TO-25 LBS. NOT LIGHTED VENTED	M.M. & M.	6754-110	C-13																					X	X	X	X	X		X		X	X	X		X			X		X	Y	X	X	X	X	X	
" " " " "	ELECTRIC AUTO LITE	10098-A	C-13																					X	X	X	X	X		X		X	X	X		X			X		X	X	X	X	X	X	X	
" " " " "	US GAUGE	AN-1-7/8-15-BP	C-13																					X	X	X	X	X		X		X	X	X		X			X		X	X	X	X	X	X	X	
" " " " NOT VENTED	" "	AN-1-7/8-15-F	COML																					X								X	X	X													
" " FRONT MOUNTED NOT VENTED	" "	AN-1-7/8-15 (*)	COML																																											
" " LIGHTED 1 WIRE 3 VOLT VENTED	" "	AN-1-7/8-15K (*)	"																						X	X																				
" " " " "	" "	AN-1-7/8-15AN (*)	"																						X	X																				
" " NOT LIGHTED VENTED	ELECTRIC AUTO LITE	10232-A (*)	AN 5771-1																					X	X	X	X	X		X		X	X	X		X			X		X	X	X	X	X	X	X	
" " " " "	MOTO METER	(*)	AN 5771-1																					X	X	X	X	X		X		X	X	X		X			X		X	X	X	X	X	X	X	
" " " " "	US GAUGE	AN-1-7/8-15-BT *	AN 5771-1																					X	X	X	X	X		X		X	X	X		X			X		X	X	X	X	X	X	X	
CLASS 05-D																																															
GAGE ASSY. - FUEL PRESSURE																																														
RANGE 0-TO-25 LBS. NOT LIGHTED (DUAL) VENTED	AMERICAN METER CO.	M-18314	AN 5772-1		X			X					X	X	X	X	X	X	X	X			X	X	X				X																
" " " "	MARSHALL-TOWN CO.		AN 5772-1		X			X					X	X	X	X	X	X	X	X			X	X	X				X																
" " " "	F. E. OLDS & SON		AN 5772-1		X			X					X	X	X	X	X	X	X	X			X	X	X				X																
GAGE ASSY. - FUEL PRESSURE (CONT'D. NEXT PAGE)																																														

REMARKS: LINE NUMBERS IN RED.

(*) (2, 14, 15, 16, 17) MAY REQUIRE PANEL MODIFICATION.
(*) (19, 20, 21, 22, 23) VENTED FOR PRESSURIZED CABINS, FOR OTHER INSTALLATIONS, LEVE VENT OPEN.
(*) (35) WITHOUT SELF-LOCKING INSERTS.
(*) (36, 37) MAY REQUIRE PANEL MODIFICATION. EQUIVALENT TO ARMY TYPE C-10.
(*) (38, 39, 40) AN-5771-1 LATER TYPE THAN C-13.


FIGHTERS
CARGO
TRAINERS
P-38L BE
P-39M BE
P-39N BE
P-39Q BE
P-39J BE
P-40E CU
P-40F CU
P-40K CU
P-40L CU
P-40M CU
P-40N CU
RP-47B RE
P-47C RE
P-47D RE
P-47G CU
P-51 NA
P-51A NA
P-51B NA
P-51C NA
P-51D NA
P-61A NO
P-63A BE
UC-45 BH
C-46A CU
C-47 DO
C-47A DO
C-53 DO
C-54A DO
C-57D LO
C-60A LO
UC-61A FA
UC-64A ND
UC-78 CE
UC-78B CE
UC-78C CE
C-87 CO
AT-6A NA
AT-6B NA
AT-6C NA
AT-6D NA
AT-7 BH
AT-9 CU
AT-9A CU
AT-10 BH
AT-11 BH
AT-16 ND
AT-17 CE
AT-17A CE
AT-17B CE
AT-17C CE
AT-17D CE
AT-18 LO
AT-21-FA
BT-12 FL
BT-13A VU
BT-14 NA
BT-15 VU
PT-13B BO
PT-13D BO
PT-17 BO
PT-17A BO
PT-19A FA
PT-19B FA
PT-22 RY
PT-23 HO
PT-23 SL
PT-23 FL
PT-23 AE
PT-27 BO

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NOTE: IN ALL CASES WHERE COM. INST'S. ARE USED, WHEN THE SUPPLY BECOMES EXHAUSTED, ARMY OR AN ST. INST. WILL BE USED. FRONT MOUNTED INST. MAY BE REPLACED BY ARMY & AN ST. BY DRILLING THE LOCK NUTS USING A #19 DRILL AND 8/32" MOUNTING SCREWS. "CAUTION" SHOULD BE USED WHILE DRILLING TO PREVENT BREAKING CORNERS.

CLASS 05-D DESCRIPTION	VENDOR	PART NO.	TYPE
GAGE ASSY. - FUEL PRESSURE (CONT'D)			
RANGE 0-TO-25 LBS NOT LIGHTED (DUAL) VENTED	RANCO INC.	31833	AN 5772-1
" " " "	"	31855	AN 5772-1
" " " "	US GAUGE	AN-2-3/4-40-A	AN 5772-1
CLASS 05-C			
GAGE ASSY. PRESSURE HYDRAULIC SYSTEM			
RANGE 0-TO-2000 LBS. NOT LIGHTED	US GAUGE	AN-2-16C (*)	E-2
" " " "	"	AN-2-16E (*)	E-2
" " " "	ELECTRIC AUTO LITE	8979-2 (*)	E-2
" " " "	US GAUGE	AN-1-7/8-3A (*)	COML
" " " "	"	AN-1-7/8-17P (*)	"
" " " "	"	AN-1-7/8-17 (*)	"
RANGE 0-TO-2000 LBS. LIGHTED 1 WIRE	"	AN-2-3A (*)	E-3
" " " "	"	AN-2-3AA (*)	E-3
" " " "	M.M. & M.	M-943-CC (*)	E-3
" " " "	"	M-943-F (*)	E-3
" " " "	US GAUGE	AN-1-7/8-17M (*)	COML
RANGE 0-TO-2000 LBS. NOT LIGHTED	"	AN-1-7/8-17CB (*)	E-4
" " " "	ELECTRIC AUTO LITE	10058-A (*)	E-4
" " " "	"	9752-A (*)	E-4
" " " "	M.M. & M.	6736-72 (*)	E-4
" " " "	KOLLSMAN	290-03	COML
RANGE 0-TO-2000 LBS. NOT LIGHTED	US GAUGE	AN-1-7/8-17CM (*)	AN 5771-4
" " " "	ELECTRIC AUTO LITE	10230-A (*)	AN 5771-4
" " " "	MOTO METER	(*)	AN 5771-4
" " " "	US GAUGE	AN-2-3/4-34-G	COML
RANGE 10"-TO-50" HG NOT LIGHTED	M.M. & M.	6740-88 (*)	D-9
" " " "	PIONEER	1919-1R-A1 (*)	D-9
" " " "	US GAUGE	AN-2-3/4-14F (*)	COML
" " " "	KOLLSMAN	162K-01 (*)	"
" " " "	"	175K-01 (*)	"
" " " "	PIONEER	1911-1B-B1	"
" " " "	"	1919-1B-A1	"
" " " "	KOLLSMAN	611KM-07 (*)	NAVY
" " " "	"	162-01 (*)	COML
" " FRONT MOUNTED	"	2981-01 (*)	"
" " LIGHTED	US GAUGE	AN-2-3/4-14E (*)	"
RANGE 10"-TO-60" H.G. LIGHTED	KOLLSMAN	162SD-01 (*)	"
RANGE 10"-TO-75" H.G. NOT LIGHTED	M.M. & M.	6743-108	D-10
" " " "	"	6748-157	D-10
" " " "	RANCO INC.	31817	AN 5770-1
GAGE ASSY. - MANIFOLD PRESSURE (CONT'D NEXT PAGE)			

HEAVY BOMBERS: B-17E BO; B-17F BO; B-17F DO; B-17F VE; B-17G DO; B-24D CO; B-24E CO; B-24E DO; B-24E FO; B-24G NA; B-24H FO; B-24H CO; B-24H DO

MEDIUM BOMBERS: B-25C NA; B-25D NA; B-25G NA; B-25H NA; B-26B MA; B-26B1 MA; B-26C MA; RB-34 VE

LIGHT BOMBERS: A-20B DO; A-20C BO; A-20C DO; A-20G DO; A-24A DO; A-24B DO; A-28A CU; A-28A LO; A-29 LO; A-29A LO; A-30A MA; A-35A VU; A-36B VU; A-36A NA

FIGHTERS: P-38E LO; P-38F LO; P-38G LO; P-38H LO; P-38J LO; P-38K LO; P-39D BE; P-39F BE; P-39K BE

REMARKS: LINE NUMBERS IN RED.

(*) (9, 10, 11, 12, 13) FOR USE WITH FLARED TUBING, USE (PARKER ADAPTER PT NO. 3156-7T-4D) CLASS 04-A.

(*) (14) NO LUMINOUS MARKINGS.

(*) (15, 16, 17, 18, 19, 20, 21, 22, 23) MAY REQUIRE PANEL MODIFICATION. FOR USE WITH FLARED TUBING USE (PARKER ADAPTER PT NO. 3156-7T-4D) CLASS 04-A.

(*) (25, 26, 27) USE AN815-4 FITTING AND AN902-4 GASKET FOR 8-11 FITTING OR AN 3 PIECE SOLDERLESS.

(*) (35, 36) D-10 LATER MODEL THAN D-9.

(*) (38) BRITISH REF. NO. 106A/884.

(*) (39) BRITISH REF. NO. 106A/1155.

(*) (42) NAVY TYPE 88-6-700.

(*) (44) BRITISH REF. NO. 106A/1044.

(*) (45) MAY REQUIRE PANEL MODIFICATION.

(*) (46) MAY REQUIRE PANEL MODIFICATION.

FIGHTERS

	P-39L BE	P-39M BE	P-39N BE	P-39Q BE	P-39J BE	P-40E CU	P-40F CU	P-40K CU	P-40L CU	P-40M CU	P-40N CU	RP-47B RE	P-47C RE	P-47D RE	P-47G CU	P-51 NA	P-51A NA	P-51B NA	P-51C NA	P-51D NA	P-61A NO	P-63A BE
1																						
2																					x	
3																					x	
4																					x	
5																						
6																						
7																						
8																						
9												x	x	x	x	x	x	x	x	x	x	
10												x	x	x	x	x	x	x	x	x	x	
11												x	x	x	x	x	x	x	x	x	x	
12												x	x	x	x	x	x	x	x	x	x	
13												x	x	x	x	x	x	x	x	x	x	
14																						
15												x	x	x	x	x	x	x	x	x	x	
16												x	x	x	x	x	x	x	x	x	x	
17												x	x	x	x	x	x	x	x	x	x	
18												x	x	x	x	x	x	x	x	x	x	
19												x	x	x	x	x	x	x	x	x	x	
20												x	x	x	x	x	x	x	x	x	x	
21												x	x	x	x	x	x	x	x	x	x	
22												x	x	x	x	x	x	x	x	x	x	
23												x	x	x	x	x	x	x	x	x	x	
24																x						
25												x	x	x	x	x	x	x	x	x	x	
26												x	x	x	x	x	x	x	x	x	x	
27												x	x	x	x	x	x	x	x	x	x	
28																						
29																						
30																						
31																						
32																						
33																						
34																						
35	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x		x
36	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x		x
37	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x		x
38	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x		x
39	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x		x
40	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x		x
41	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x		x
42																						
43	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x		x
44																						
45	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x		x
46	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x		x
47	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x		x
48	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x		x
49	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x		x
50																						

CARGO

	UC-45 BH	C-46A CU	C-47 DO	C-47A DO	C-53 DO	C-53D DO	C-54A DO	C-57D LO	C-60A LO	UC-61A FA	UC-64A ND	UC-78 CE	UC-78B CE	UC-78C CE	C-87 CO
1															
2		x		x			x	x							
3		x		x			x	x							
4		x		x			x	x							
5															
6															
7															
8															
9	x	x						x	x						x
10	x	x						x	x						x
11	x	x						x	x						x
12	x	x						x	x						x
13	x	x						x	x						x
14									x						
15	x	x						x	x						x
16	x	x						x	x						x
17	x	x						x	x						x
18	x	x						x	x						x
19	x	x						x	x						x
20	x	x						x	x						x
21	x	x						x	x						x
22	x	x						x	x						x
23	x	x						x	x						x
24															
25	x	x						x	x						x
26	x	x						x	x						x
27	x	x						x	x						x
28							x								
29															
30															
31															
32															
33															
34															
35	x						x		x		x	x	x	x	
36	x						x		x		x	x	x	x	
37	x						x		x		x	x	x	x	
38	x						x		x		x	x	x	x	
39	x						x		x		x	x	x	x	
40	x						x		x		x	x	x	x	
41	x						x		x		x	x	x	x	
42															
43	x						x		x		x	x	x	x	
44			x		x	x									
45	x						x		x		x	x	x	x	
46	x						x		x		x	x	x	x	
47	x						x		x		x	x	x	x	
48	x						x		x		x	x	x	x	
49	x						x		x		x	x	x	x	
50															

TRAINERS

	AT-6A NA	AT-6B NA	AT-6C NA	AT-6D NA	AT-7 BH	AT-9 CU	AT-9A CU	AT-10 BH	AT-11 BH	AT-16 ND	AT-17 CE	AT-17A CE	AT-17B CE	AT-17C CE	AT-17D CE	AT-18 LO	AT-21-FA	BT-12 FL	BT-13A VU	BT-14 NA	BT-15 VU	PT-13B BO	PT-13D BO	PT-17 BO	PT-17A BO	PT-19A FA	PT-19B FA	PT-22 RY	PT-23 HO	PT-23 SL	PT-23 FL	PT-23 AE	PT-27 BO
1																																	
2																																	
3																																	
4																																	
5																																	
6																																	
7																																	
8																																	
9	x	x	x	x	x	x	x			x						x	x																
10	x	x	x	x	x	x	x			x						x	x																
11	x	x	x	x	x	x	x			x						x	x																
12	x	x	x	x	x	x	x			x						x	x																
13	x	x	x	x	x	x	x			x						x	x																
14																x																	
15	x	x	x	x	x	x	x			x						x	x																
16	x	x	x	x	x	x	x			x						x	x																
17	x	x	x	x	x	x	x			x						x	x																
18	x	x	x	x	x	x	x			x						x	x																
19	x	x	x	x	x	x	x			x						x	x																
20	x	x	x	x	x	x	x			x						x	x																
21	x	x	x	x	x	x	x			x						x	x																
22	x	x	x	x	x	x	x			x						x	x																
23	x	x	x	x	x	x	x			x						x	x																
24																																	
25	x	x	x	x	x	x	x			x						x	x																
26	x	x	x	x	x	x	x			x						x	x																
27	x	x	x	x	x	x	x			x						x	x																
28																																	
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31																																	
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33																																	
34																																	
35	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x																	
36	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x																	
37	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x																	
38	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x																	
39	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x																	
40	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x																	
41	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x																	
42																																	
43	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x																	
44																																	
45	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x																	
46	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x																	
47	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x																	
48	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x																	
49	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x																	
50																																	

REMARKS:

VERTICAL INTERCHANGEABILITY BETWEEN RED LINES. DO NOT CROSS A RED LINE WHEN DETERMINING VERTICAL INTERCHANGEABILITY.

NOTE: IN ALL CASES WHERE CON. INST'S ARE USED, WHEN THE SUPPLY BECOMES EXHAUSTED, ARMY OR AN ST. INST. WILL BE USED. FRONT MOUNTED INST. MAY BE REPLACED BY ARMY & ST. BY DRILLING THE LOCK NUTS USING A #19 DRILL AND 8/32" MOUNTING SCREWS. "CAUTION" SHOULD BE USED WHILE DRILLING TO PREVENT BREAKING CORNERS.

	CLASS 05-D DESCRIPTION	VENDOR	PART NO.	TYPE	B-17E BO	B-17F BO	B-17F DO	B-17F VE	B-17G DO	B-24D CO	B-24E CO	B-24E DO	B-24E FO	B-24G NA	B-24H FO	B-24H CO	B-24H DO	B-28C NA	B-25D NA	B-25G NA	B-25H NA	B-26B MA	B-26B1 MA	B-26C MA	B-34 VE	A-20B DO	A-20C BO	A-20C DO	A-20G DO	A-24A DO	A-24B DO	A-25A CU	A-28A LO	A-29 LO	A-29A LO	A-30A MA	A-35A VU	A-35B VU	A-36A NA	P-38E LO	P-38F LO	P-38G LO	P-38H LO	P-38J LO	P-38K LO	P-39D BE	P-39F BE	P-39K BE	
1	GAGE ASSY. - MANIFOLD PRESS. (CONT'D)																																																1
2	RANGE 10-TO-75" HG	RANCO INC.	31853	AN 5770-1																					X	X	X	X	X		X	X	X		X		X	X			X	X	X	X	X	X	X	2
3	" " "	N.M. & M.	678-180	AN 5770-1																					X	X	X	X	X		X	X	X		X		X	X			X	X	X	X	X	X	X	3
4	" " "	KOLLSMAN	728K-01	5770-1																					X	X	X	X	X		X	X	X		X		X	X			X	X	X	X	X	X	X	4
5	" " "	U.S. GAUGE	AN-2-3/4-25-F	AN 5770-1																					X	X	X	X	X		X	X	X		X		X	X			X	X	X	X	X	X	X	5
6	" " "	U.S. GAUGE	AN-2-3/4-25-H	AN 5770-1																					X	X	X	X	X		X	X	X		X		X	X			X	X	X	X	X	X	X	6
7																																																	7
8	GAGE ASSY-MANIFOLD PRESS.																																															8
9	RANGE 10"-TO-75" HG NOT LIGHTED (DUAL)	RANCO INC.	31832	AN 5770-2		X			X					X	X	X	X	X	X	X	X		X	X			X		X													X	X					9
10	" " " " "	" "	31854	AN 5770-2		X			X					X	X	X	X	X	X	X	X		X	X			X		X													X	X					10
11	" " " " "	KOLLSMAN	728K-02	AN 5770-2		X			X					X	X	X	X	X	X	X	X		X	X			X		X													X	X					11
12	" " " " "	AMERICAN METER CO.	M-18313	AN 5770-2		X			X					X	X	X	X	X	X	X	X		X	X			X		X													X	X					12
13	" " " " "	U.S. GAUGE	AN-2-3/4-14-F	COML.																						X																						13
14	" " " " "	U.S. GAUGE	AN-2-3/4-14-G	COML.																						X																						14
15	GAGE ASSY. - OIL PRESS.																																																15
16	RANGE 0-TO-200 LBS. NOT LIGHTED	ELECTRIC AUTO LITE	9756 A	B-8																					X	X	X	X	X			X	X	X											X		16
17	" " " " "	N.M. & M.	6711-01	B-8																					X	X	X	X	X			X	X	X											X		17
18	" " " " "	ELECTRIC AUTO LITE	10050-A	B-8A																					X	X	X	X	X			X	X	X											X		18
19	" " " " "	US GAUGE	AN-1-7/8-14-C1	B-8A																					X	X	X	X	X			X	X	X											X		19
20	" " " " "	" "	AN-1-7/8-18 (*)	COML.																					X																						20
21	" " LIGHTED 1 WIRE 3 VOLT	" "	AN-1-7/8-14-R (*)	"																						X	X																				21
22	" NOT LIGHTED "	ELECTRIC AUTO LITE	10228-A	AN 5771-2																					X	X	X	X	X																X		22
23	" " " "	US GAUGE	AN 1-7/8-14-C2	AN 5771-2																					X	X	X	X	X																X		23
24	" " " "	MOTO METER		AN 5771-2																					X	X	X	X	X																X		24
25																																																	25
26																																																	26
27																																																	27
28																																																	28
29	CLASS 05-D																																																29
30	GAGE ASSY. - OIL PRESSURE																																																30
31	RANGE 0-TO-200 LBS. NOT LIGHTED (DUAL)	ELECTRIC AUTO LITE	10226-A	AN 5772-2		X	X	X	X					X	X	X	X	X	X	X	X		X	X																	X							31
32	" " " "	N.M. & M.	6780-160	AN 5772-2		X	X	X	X					X	X	X	X	X	X	X	X		X	X																	X							32
33	" " " "	MOTO METER		AN 5772-2		X	X	X	X					X	X	X	X	X	X	X	X		X	X																	X							33
34	" " " "	RANCO INC.	31846	AN 5772-2		X	X	X	X					X	X	X	X	X	X	X	X		X	X																	X							34
35																																																	35
36																																																	36
37																																																	37
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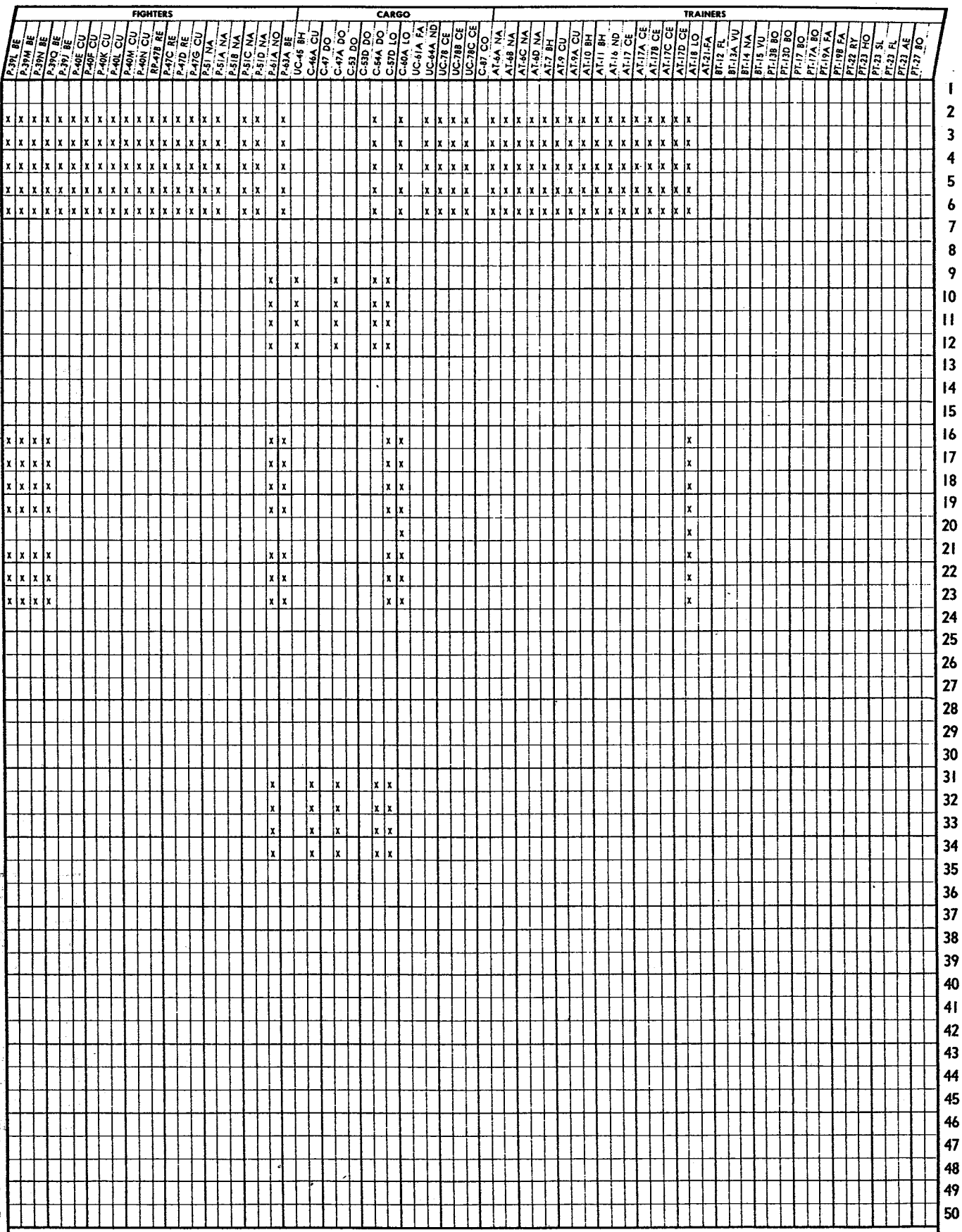
46																																																	46
47																																																	47
48																																																	48
49																																																	49
50																																																	50

REMARKS: LINE NUMBERS IN RED.
(*) (20) EQUIV. TO ARMY TYPE B-2.
(*) (21) EQUIV. TO ARMY TYPE B-5.


FIGHTERS
CARGO
TRAINERS
P-39L BE
P-39M BE
P-39N BE
P-39Q BE
P-39J BE
P-40E CU
P-40F CU
P-40K CU
P-40L CU
P-40M CU
P-40N CU
RP-47B RE
P-47C RE
P-47D RE
P-47G CU
P-51 NA
P-51A NA
P-51B NA
P-51C NA
P-51D NA
P-61A NO
P-63A BE
UC-45 BH
C-46A CU
C-47 DO
C-47A DO
C-53 DO
C-53D DO
C-54A DO
C-57D LO
C-60A LO
UC-61A FA
UC-64A ND
UC-78 CE
UC-78B CE
UC-78C CE
C-87 CO
AT-6A NA
AT-6B NA
AT-6C NA
AT-6D NA
AT-7 BH
AT-9 CU
AT-9A CU
AT-10 BH
AT-11 BH
AT-16 ND
AT-17 CE
AT-17A CE
AT-17B CE
AT-17C CE
AT-17D CE
AT-18 LO
AT-21-FA
BT-12 FL
BT-13A VU
BT-14 NA
BT-15 VU
PT-13B BO
PT-13D BO
PT-17 BO
PT-17A BO
PT-19A FA
PT-19B FA
PT-22 RY
PT-23 HO
PT-23 SL
PT-23 FL
PT-23 AE
PT-27 BO

REMARKS:

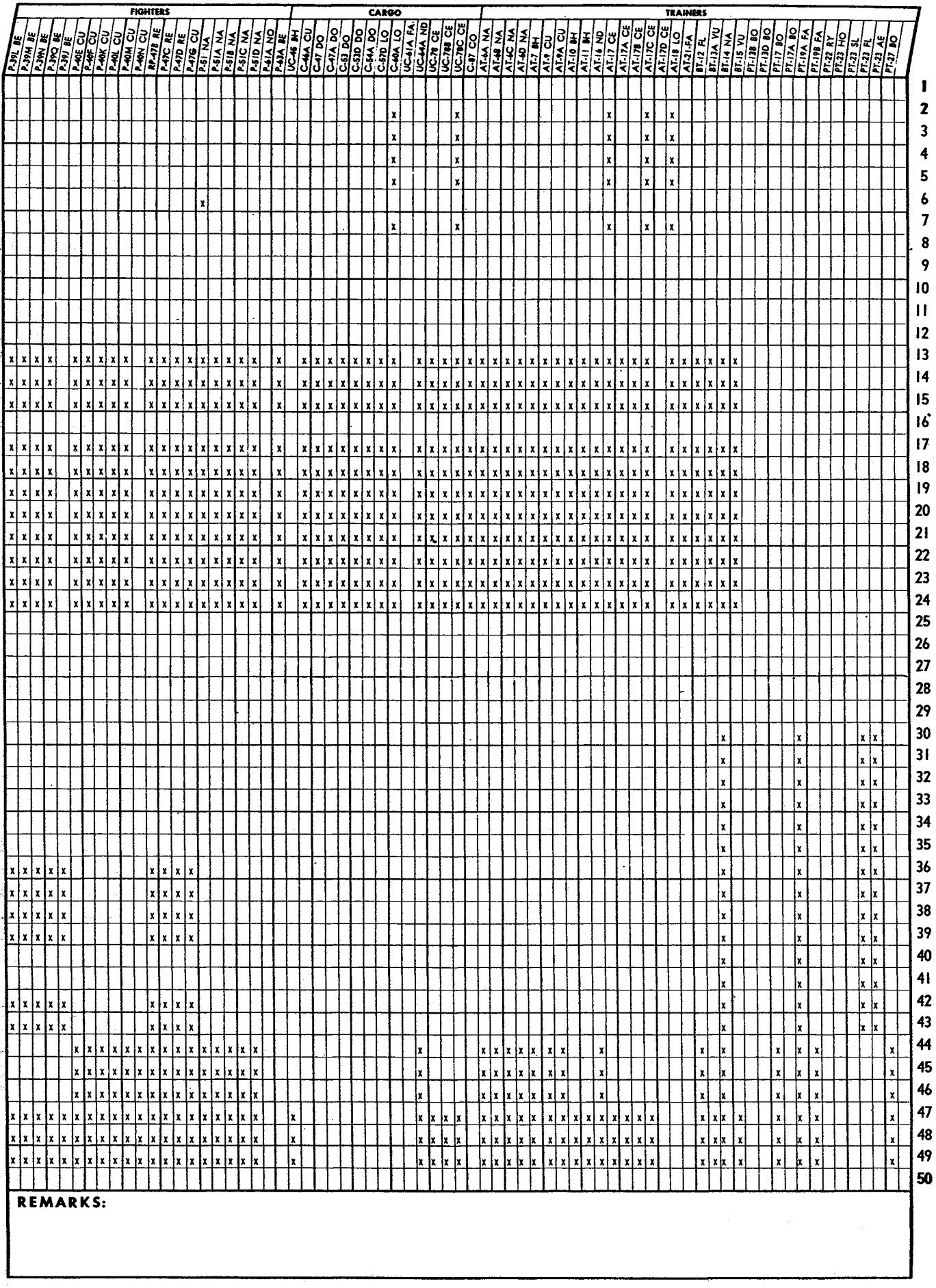
T. O. No. 00-25-29

VERTICAL INTERCHANGEABILITY BETWEEN RED LINES. DO NOT CROSS A RED LINE WHEN DETERMINING VERTICAL INTERCHANGEABILITY.

NOTE: IN ALL CASES WHERE COML INST'S ARE USED, WHEN THE SUPPLY BECOMES EXHAUSTED, ARMY OR AN ST. INST. WILL BE USED. FRONT MOUNTED INST. MAY BE REPLACED BY ARMY & AN ST. BY DRILLING THE LOCK NUTS USING A #19 DRILL AND 8/32" MOUNTING SCREWS. "CAUTION" SHOULD BE USED WHILE DRILLING TO PREVENT BREAKING CORNERS.

	CLASS 05-C DESCRIPTION	VENDOR	PART NO.	TYPE	B-17E BO	B-17F BO	B-17F DO	B-17F VE	B-17G DO	B-24D CO	B-24E CO	B-24E DO	B-24E FO	B-24G NA	B-24H FO	B-24H CO	B-24H DO	B-25C NA	B-25D NA	B-25G NA	B-25H NA	B-26B MA	B-26B1 MA	B-26C MA	RB-34 VE	A-20B DO	A-20C BO	A-20C DO	A-20G DO	A-24A DO	A-24B DO	A-28A CU	A-28A LO	A-29 LO	A-29A LO	A-30A MA	A-35A VU	A-35B VU	A-36A NA	P-38E LO	P-38F LO	P-38G LO	P-38H LO	P-38J LO	P-38K LO	P-39D BE	P-39F BE	P-39K BE
1	GAGE ASSY - SUCTION																																														
2	RANGE 0-TO-10" HG NOT LIGHTED	KOLLSMAN	97-01 (*)	F-1																				X							X	X	X														
3	" " " " "	US GAUGE	AN-2-20 (*)	F-1																				X							X	X	X														
4	" " " " "	PIONEER	868 (*)	F-1																				X							X	X	X														
5	" " " " "	KOLLSMAN	97-02 (*)	COML																				X							X	X	X														
6	" " " " "	"	98F-01 (*)	"																																												
7	" " " " "	M.M. & M.	6702-66 (*)	"																				X							X	X	X														
8																																															
9																																															
10																																															
11	CLASS 05-C																																														
12	GAGE ASSY - SUCTION																																														
13	RANGE 0-TO-10" HG LIGHTED 1 WIRE 3 VOLT	US GAUGE	AN-2-35	F-2	X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
14	" " " " " "	" "	AN-2-35A	F-2	X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
15	" " " " " "	" "	AN-2-35D	F-2	X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
16	" " " " " "	" "	AN-1-7/8-21B	COML																					X	X																						
17	" " NOT LIGHTED	" "	AN-1-7/8 21-A1	F-3	X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
18	" " " "	M.M. & M.	6703-83	F-3	X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
19	" VENTED NOT LIGHTED	US GAUGE	AN-1-7/8-21Q	F-4	X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
20	" " " "	M.M. & M.	6704-152	F-4	X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
21	" " " "	"	18610	F-4	X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
22	" " " "	US GAUGE	AN-1-7/8-21-AK	AN 5771-5	X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
23	" " " "	M.M. & M.	6704-185	AN 5771-5	X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
24	" " " "	COLLINS INSTRUMENT CO.		AN 5771-5	X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
25																																															
26																																															
27																																															
28	CLASS 05-D																																														
29	GAGE UNIT ASSY ENGINE																																														
30	RANGE 0-TO-100C THOMR 8" CAPILARY 0-TO-200 LBS OIL 0-TO-10 LBS FUEL NOT LIGHTED	M.M. & M.	6500-2	B-1																																										
31	" " " " " "	"	6500-8	B-1																																												
32	" " " " " "	MOTO METER	7903A8	B-1																																											
33	" " " " " "	" "	7908A14	B-1																																												
34	" " " " " "	KOLLSMAN	150-013-8	B-1																																											
35	" " " " " "	"	150K-062-480	B-1																																											
36	" " " 15" CAPILARY NOT LIGHTED	M.M. & M.	6500-4	B-1																																						X	X	X	X	X	X	X	X
37	" " " " "	"	6500-15	B-1																																						X	X	X	X	X	X	X	X
38	" " " " "	MOTO METER	7603A15	B-1																																						X	X	X	X	X	X	X	X
39	" " " " "	KOLLSMAN	150-013-15	B-1																																						X	X	X	X	X	X	X	X
40	" " " 8" CAPILARY LIGHTED 1 WIRE	US GAUGE	AN-2-3/4 15-8 (*)	B-2																																											
41	" " " " " "	M.M. & M.	#919-8 (*)	B-2																																											
42	" " " 15" CAPILARY LIGHTED 1 WIRE	US GAUGE	AN-2-3/4-15-15 (*)	B-2																																						X	X	X	X	X	X	X	X
43	" " " " " "	M.M. & M.	#919-15 (*)	B-2																																						X	X	X	X	X	X	X	X
44	" 0-TO-100C THOMR 8" CAPILARY 0-TO-200 LBS OIL 0-TO-25LBS FUEL NOT LIGHTED	"	6548-73-8	B-7																																		X									
45	" " " " " "	ELECTRIC AUTO LITE	9754A8	B-7																																		X									
46	" " " " " "	"	10057A8	B-7																																		X									
47	" " " 15" CAPILARY NOT LIGHTED	M.M. & M.	6548-73-15	B-7																											X					X	X	X			X	X	X	X	X	X	X
48	" " " " "	MOTO METER	9754A15	B-7																											X					X	X	X			X	X	X	X	X	X	X
49	" " " " "	" "	10057A15	B-7																											X					X	X	X			X	X	X	X	X	X	X
50	CONTINUED																																														

REMARKS: LINE NUMBERS IN RED.
(*) (2,3,4,5,6,7) WITHOUT SELF LOCKING INSERTS.
(*) (13,14,15,16) MAY REQUIRE PANEL MODIFICATION.
(*) (40,41,42,43) MAY REQUIRE PANEL MODIFICATION.


FIGHTERS
CARGO
TRAINERS
P-39L BE
P-39M BE
P-39N BE
P-39Q BE
P-39J BE
P-40E CU
P-40F CU
P-40K CU
P-40L CU
P-40M CU
P-40N CU
RP-47B RE
P-47C RE
P-47D RE
P-47G CU
P-51 NA
P-51A NA
P-51B NA
P-51C NA
P-51D NA
P-61A NO
P-63A BE
UC-64 BH
C-64A CU
C-47 DO
C-47A DO
C-53 DO
C-53D DO
C-54A DO
C-87D LO
C-60A LO
UC-61A FA
UC-64A ND
UC-78 CE
UC-78B CE
UC-78C CE
C-87 CO
AT-6A NA
AT-6B NA
AT-6C NA
AT-6D NA
AT-7 BH
AT-9 CU
AT-9A CU
AT-10 BH
AT-11 BH
AT-16 ND
AT-17 CE
AT-17A CE
AT-17B CE
AT-17C CE
AT-17D CE
AT-10 LO
AT-21-FA
BT-12 FL
BT-13A VU
BT-14 NA
BT-15 VU
PT-13B BO
PT-13D BO
PT-17 BO
PT-17A BO
PT-19A FA
PT-19B FA
PT-22 RY
PT-23 HO
PT-23 SL
PT-23 FL
PT-23 AE
PT-27 BO

REMARKS:

VERTICAL INTERCHANGEABILITY BETWEEN RED LINES. DO NOT CROSS A RED LINE WHEN DETERMINING VERTICAL INTERCHANGEABILITY.

NOTE: IN ALL CASES WHERE COM. INST'S. ARE USED, WHEN THE SUPPLY BECOMES EXHAUSTED, ARMY OR AN ST. INST. WILL BE USED. FRONT MOUNTED INST. MAY BE REPLACED BY ARMY & AN ST. BY DRILLING THE LOCK NUTS USING A #19 DRILL AND 8/32" MOUNTING SCREWS. "CAUTION" SHOULD BE USED WHILE DRILLING TO PREVENT BREAKING CORNERS.

CLASS 05-D DESCRIPTION	VENDOR	PART NO.	TYPE	HEAVY BOMBERS: B-17E BO	B-17F BO	B-17F DO	B-17F VE	B-17G DO	B-24D CO	B-24E CO	B-24E DO	B-24E FO	B-24G NA	B-24H FO	B-24H CO	B-24H DO	MEDIUM BOMBERS: B-25C NA	B-25D NA	B-25G NA	B-25H NA	B-26B MA	B-26B1 MA	B-26C MA	B-34 VE	LIGHT BOMBERS: A-20E DO	A-20C BO	A-20C DO	A-20G DO	A-24A DO	A-24B DO	A-25A CU	A-28A LO	A-29 LO	A-29A LO	A-30A MA	A-35A YU	A-35B YU	A-36A NA	FIGHTERS: P-38E LO	P-38F LO	P-38G LO	P-38H LO	P-38J LO	P-38K LO	P-39D BE	P-39F BE	P-39K BE
CONTINUED																																															
GAGE UNIT ASSY ENGINE																																															
0-TO-100°C THOMR 22" CAPILARY RANGE 0-TO-200 LBS OIL	H.M. & M.	6548-73-22	B-7																											X			X	X	X	X	X	X	X	X	X	X	X	X	X	X
0-TO-25 LBS FUEL NOT LIGHTED	MOTO METER	9754A22	B-7																											X			X	X	X	X	X	X	X	X	X	X	X	X	X	X
" " " " "	"	10057A22	B-7																											X			X	X	X	X	X	X	X	X	X	X	X	X	X	X
" " " " "	U.S. GAUGE	AM. 2-3/4-19-AH	B-7																											X			X	X	X	X	X	X	X	X	X	X	X	X	X	X
CLASS 05-D																																															
GENERATOR ASSY - TACHOMETER, PAD TYPE MOUNTING																																														
4 POLE 3 PHASE	GENERAL ELECTRIC	2CM58AL (*)		X	X	X	X										X	X	X	X		X	X								X									X	X	X	X	X	X	X	X	X
" "	"	2CM5A8M (*)	AN 5531-1	X	X	X	X										X	X	X	X		X	X								Y									X	X	X	X	X	X	X	X	X
" "	CHICAGO FLEX SHAFT	2CM58AL-SUB2I	AN 5531-1	X	X	X	X										X	X	X	X		X	X								X									X	X	X	X	X	X	X	X	X
" "	FRIDEN CALCULATOR	(*)	AN 5531-1	X	X	X	X										X	X	X	X		X	X								X									X	X	X	X	X	X	X	X	X
" "	KOLLSMAN	6556-01 (*)		X	X	X	X										X	X	X	X		X	X								X									X	X	X	X	X	X	X	X	X
" "	"	7706-01 (*)		X	X	X	X										X	X	X	X		X	X								X									X	X	X	X	X	X	X	X	X
CLASS 05-D																																															
GENERATOR ASSY - TACHOMETER, SCREW TYPE MOUNTING																																														
4 POLE 3 PHASE	GENERAL ELECTRIC	2CM58AM (*)						X			X																	X																			
" "	"	2CM58AM-21 (*)						X			X																	X																			
" "	KOLLSMAN	6776-01 (*)						X			X																	X																			
" "	"	7746-01 (*)						X			X																	X																			
" "	GRAYSON HEATER	(*)	AN 5531-2					X			X																	X																			
" " SWIVEL NUT SCREW TYPE MOUNTING	GENERAL ELECTRIC	2CM7AAA (*)						X			X																	X																			
" " " "	"	2CM7AAN (*)	AN 5531-2					X			X																	X																			
CLASS 05-C																																															
INDICATOR ASSY - AIRSPEED																																															
RANGE 40-TO-300 MPH LIGHTED 1 WIRE	US GAUGE	AN-2-3/4-12 (*)	C-7																													X	X	X												
" " " " "	PIONEER	1403-13A-A1 (*)	C-7																													X	X	X												
" " " " "	"	1403-1C-E1 (*)	C-7																													X	X	X												
" " " " "	"	1403-1N-B1 (*)	C-7																													X	X	X												
" " " " "	KOLLSMAN	5865-0110 (*)	C-7																													X	X	X												
" " " " "	PIONEER	1403-1B-C1 (*)	COML																													X	X	X												
" " " " "	"	1403-1N-D1 (*)	"																													X	X	X												
" " " LIGHTED 2 WIRE	KOLLSMAN	6575D-09 (*)	"																													X	X	X												
" " " " "	"	3865D-0109 (*)	"																													X	X	X												
" " " NOT LIGHTED	US GAUGE	AN-2-3/4-16U (*)	C-14																													X	X	X												
" " " " "	KOLLSMAN	5868K-0110 (*)	C-14																													X	X	X												
" " " " "	PIONEER	1426-1Z-A1 (*)	C-14																													X	X	X												
" " " " "	KING SEELEY	32450 (*)	C-14																													X	X	X												
" " " " "	US GAUGE	AN-2-3/4-16AP	COML																													X	X	X												
" " " " "	KOLLSMAN	5868K-0148	"																													X	X	X												
" " " " "	"	6575K-09	"																													X	X	X												
CONTINUED																																															

REMARKS: LINE NUMBERS IN RED.

(*) (11, 12, 13, 14, 15, 16, 22, 23, 24, 25, 26, 27, 28) USED WITH TACHOMETERS TYPE E-9, 9A, 13, 14, AN5530-1 & AN5530-2.

(*) (34, 35, 36, 37, 38, 39, 40, 41, 42) LIGHTED, MAY REQUIRE PANEL MODIFICATION.

(*) (43, 44, 45, 45) TYPE D-7 LATER MODEL THAN C-14.

FIGHTERS

	P-39L BE	P-39M BE	P-39N BE	P-39Q BE	P-39J BE	P-40E CU	P-40F CU	P-40K CU	P-40L CU	P-40M CU	P-40N CU	RP-47B RE	P-47C RE	P-47D RE	P-47G CU	P-51 NA	P-51A NA	P-51B NA	P-51C NA	P-51D NA	P-61A NO	P-63A BE
1																						
2																						
3	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x		
4	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x		
5	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x		
6	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x		
7																						
8																						
9																						
10																						
11	x	x	x	x									x	x	x	x	x	x	x	x	x	x
12	x	x	x	x									x	x	x	x	x	x	x	x	x	x
13	x	x	x	x									x	x	x	x	x	x	x	x	x	x
14	x	x	x	x									x	x	x	x	x	x	x	x	x	x
15	x	x	x	x									x	x	x	x	x	x	x	x	x	x
16	x	x	x	x									x	x	x	x	x	x	x	x	x	x
17																						
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49																						
50																						

CARGO

	UC-45 BH	C-46A CU	C-47 DO	C-47A DO	C-53 DO	C-53D DO	C-54A DO	C-57D LO	C-60A LO	UC-61A FA	UC-64A ND	UC-78 CE	UC-78B CE	UC-78C CE	C-87 CO
1															
2															
3	x										x	x	x	x	
4	x										x	x	x	x	
5	x										x	x	x	x	
6	x										x	x	x	x	
7															
8															
9															
10															
11		x					x								
12		x					x								
13		x					x								
14		x					x								
15		x					x								
16		x					x								
17															
18															
19															
20															
21															
22	x			x		x		x				x	x		
23	x			x		x		x				x	x		
24	x			x		x		x				x	x		
25	x			x		x		x				x	x		
26	x			x		x		x				x	x		
27	x			x		x		x				x	x		
28	x			x		x		x				x	x		
29															
30															
31															
32															
33															
34		x					x		x	x	x	x	x	x	
35		x					x		x	x	x	x	x	x	
36		x					x		x	x	x	x	x	x	
37		x					x		x	x	x	x	x	x	
38		x					x		x	x	x	x	x	x	
39		x					x		x	x	x	x	x	x	
40		x					x		x	x	x	x	x	x	
41		x					x		x	x	x	x	x	x	
42		x					x		x	x	x	x	x	x	
43		x					x		x	x	x	x	x	x	
44		x					x		x	x	x	x	x	x	
45		x					x		x	x	x	x	x	x	
46		x					x		x	x	x	x	x	x	
47		x					x		x						
48		x					x		x						
49		x					x		x						
50															

TRAINERS

	AT-6A NA	AT-6B NA	AT-6C NA	AT-6D NA	AT-7 BH	AT-9 CU	AT-9A CU	AT-10 BH	AT-11 BH	AT-16 ND	AT-17 CE	AT-17A CE	AT-17B CE	AT-17C CE	AT-17D CE	AT-18 LO	AT-21-FA	BT-12 FL	BT-13A VU	BT-14 NA	BT-15 VU	PT-13B BO	PT-13D BO	PT-17 BO	PT-17A BO	PT-19A FA	PT-19B FA	PT-22 RY	PT-23 HO	PT-23 SL	PT-23 FL	PT-23 AE	PT-27 BO
1																																	
2																																	
3	x	x	x	x	x	x	x	x	x	x	x	x	x	x				x	x	x	x			x		x	x						x
4	x	x	x	x	x	x	x	x	x	x	x	x	x	x				x	x	x	x			x		x	x						x
5	x	x	x	x	x	x	x	x	x	x	x	x	x	x				x	x	x	x			x		x	x						x
6	x	x	x	x	x	x	x	x	x	x	x	x	x	x				x	x	x	x			x		x	x						x
7																																	
8																																	
9																																	
10																																	
11								x																									
12								x																									
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22					x		x		x		x	x	x	x																			
23					x		x		x		x	x	x	x																			
24					x		x		x		x	x	x	x																			
25					x		x		x		x	x	x	x																			
26					x		x		x		x	x	x	x																			
27					x		x		x		x	x	x	x																			
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35	x	x	x	x	x	x	x	x	x	x	x	x	x	x			x	x	x	x	x	x		x	x	x	x	x	x	x	x	x	x
36	x	x	x	x	x	x	x	x	x	x	x	x	x	x			x	x	x	x	x	x		x	x	x	x	x	x	x	x	x	x
37	x	x	x	x	x	x	x	x	x	x	x	x	x	x			x	x	x	x	x	x		x	x	x	x	x	x	x	x	x	x
38	x	x	x	x	x	x	x	x	x	x	x	x	x	x			x	x	x	x	x	x		x	x	x	x	x	x	x	x	x	x
39	x	x	x	x	x	x	x	x	x	x	x	x	x	x			x	x	x	x	x	x		x	x	x	x	x	x	x	x	x	x
40	x	x	x	x	x	x	x	x	x	x	x	x	x	x			x	x	x	x	x	x		x	x	x	x	x	x	x	x	x	x
41	x	x	x	x	x	x	x	x	x	x	x	x	x	x			x	x	x	x	x	x		x	x	x	x	x	x	x	x	x	x
42	x	x	x	x	x	x	x	x	x	x	x	x	x	x			x	x	x	x	x	x		x	x	x	x	x	x	x	x	x	x
43	x	x	x	x	x	x	x	x	x	x	x	x	x	x			x	x	x	x	x	x		x	x	x	x	x	x	x	x	x	x
44	x	x	x	x	x	x	x	x	x	x	x	x	x	x			x	x	x	x	x	x		x	x	x	x	x	x	x	x	x	x
45	x	x	x	x	x	x	x	x	x	x	x	x	x	x			x	x	x	x	x	x		x	x	x	x	x	x	x	x	x	x
46	x	x	x	x	x	x	x	x	x	x	x	x	x	x			x	x	x	x	x	x		x	x	x	x	x	x	x	x	x	x
47																																	
48																																	
49																																	
50																																	

REMARKS:

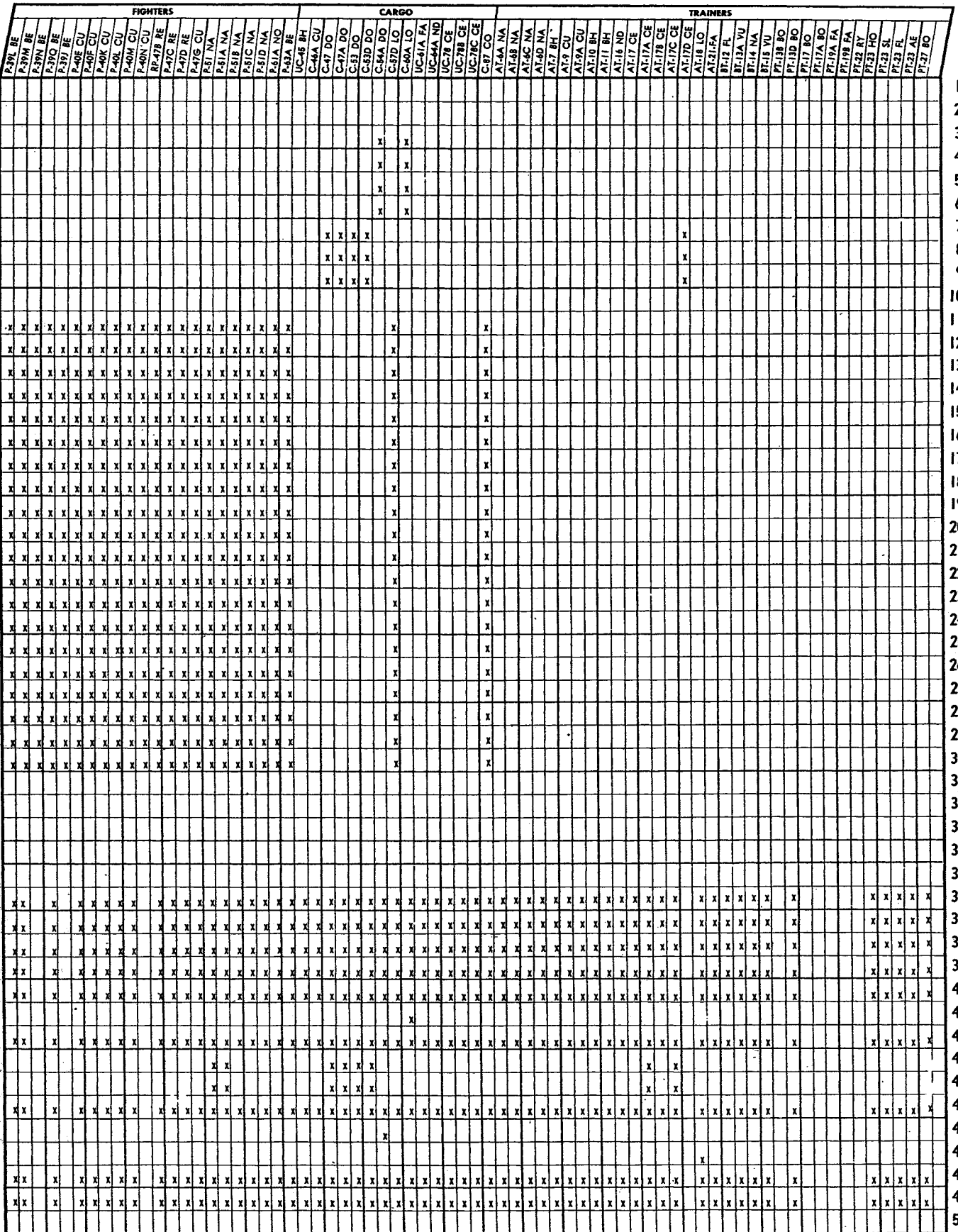
VERTICAL INTERCHANGEABILITY BETWEEN RED LINES. DO NOT CROSS A RED LINE WHEN DETERMINING VERTICAL INTERCHANGEABILITY.

NOTE: IN ALL CASES WHERE COM. INST'S. ARE USED, WHEN THE SUPPLY BECOMES EXHAUSTED, ARMY OR AN ST. INST. WILL BE USED. FRONT MOUNTED INST. MAY BE REPLACED BY ARMY & AN ST. BY DRILLING THE LOCK NUTS USING A #19 DRILL AND 8/32" MOUNTING SCREWS. "CAUTION" SHOULD BE USED WHILE DRILLING TO PREVENT BREAKING CORNERS.

CLASS 05-C DESCRIPTION	VENDOR	PART NO.	TYPE	HEAVY BOMBERS: B-17E BO	B-17F BO	B-17F DO	B-17F VE	B-17G DO	B-24D CO	B-24E CO	B-24E DO	B-24E FO	B-24G NA	B-24H FO	B-24H CO	B-24H DO	MEDIUM BOMBERS: B-25C NA	B-25D NA	B-25G NA	B-25H NA	B-26B MA	B-26B1 MA	B-26C MA	RB-34 VE	LIGHT BOMBERS: A-20B DO	A-20C BO	A-20C DO	A-20G DO	A-24A DO	A-24B DO	A-28A CU	A-28A LO	A-29 LO	A-29A LO	A-30A MA	A-35A VU	A-35B VU	A-36A NA	FIGHTERS: P-38E LO	P-38F LO	P-38G LO	P-38H LO	P-38J LO	P-38K LO	P-39D BE	P-39E BE	P-39K BE
CONTINUED																																															
INDICATOR ASSY - AIRSPEED																																															
RANGE 40-TO-300 MPH NOT LIGHTED	KOLLSMAN	657BK-0147	COML																											X	X	X														
" " " " "	PIONEER	1426-1B-A1	"																											X	X	X														
" " " " "	"	1426-1AD-A1	"																											X	X	X														
" " " " "	"	1426-1AE-A1	"																											X	X	X														
RANGE 30-TO-250 MPH " "	"	1402-3D	"																																												
" " " ROTATABLE NOT LIGHTED	"	1415-3B	"																																											
" " " NOT LIGHTED	KOLLSMAN	657K-08	"																																											
RANGE 40-TO-400 MPH LIGHTED 2 WIRE	PIONEER	1420-1AB	"																					X																						
RANGE 0-TO-500 MPH LIGHTED 1 WIRE	US GAUGE	AN-2-3/4-13(*)	D-4	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X			X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
" " " " " "	KOLLSMAN	386-024 (*)	D-4	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X			X	X	-	X	X	X	X	X	X	X	X	X	X	X	X
" " " " " "	"	5865-024 (*)	D-4	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X			X	X		X	X	X	X	X	X	X	X	X	X	X	X
" " " " " "	"	5865S-025 (*)	D-6	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X			X	X		X	X	X	X	X	X	X	X	X	X	X	X
" " " " " "	PIONEER	1403-AJ-D1	D-6	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X			X	X		X	X	X	X	X	X	X	X	X	X	X	X
" " " NOT LIGHTED	US GAUGE	AN-2-3/4-16V	D-7	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X			X	X		X	X	X	X	X	X	X	X	X	X	X	X
" " " " "	KOLLSMAN	586K-026	D-7	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X			X	X		X	X	X	X	X	X	X	X	X	X	X	X
" " " " "	"	586K-028	D-7	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X			X	X		X	X	X	X	X	X	X	X	X	X	X	X
" " " " "	"	596BK-029	D-7	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X			X	X		X	X	X	X	X	X	X	X	X	X	X	X
" " " " "	PIONEER	1426-4D-23	D-7	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X			X	X		X	X	X	X	X	X	X	X	X	X	X	X
RANGE 50-TO-700 MPH NOT LIGHTED	US GAUGE	AN-2-3/4-31B	F-1	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X			X	X		X	X	X	X	X	X	X	X	X	X	X	X
" " " " "	PIONEER	1432-22B-A-A1	F-1	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X			X	X		X	X	X	X	X	X	X	X	X	X	X	X
" " " " "	KOLLSMAN	739K-03	F-1	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X			X	X		X	X	X	X	X	X	X	X	X	X	X	X
" " " " "	"	586BK-0148	F-2	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X			X	X		X	X	X	X	X	X	X	X	X	X	X	X
" " " " "	PIONEER	1426-37A-A6	F-2	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X			X	X		X	X	X	X	X	X	X	X	X	X	X	X
" " " " "	"	1426-37F-A6	F-2	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X			X	X		X	X	X	X	X	X	X	X	X	X	X	X
" " " " "	LACKNER		F-2	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X			X	X		X	X	X	X	X	X	X	X	X	X	X	X
" " " " "	KOLLSMAN	(*)	F-3	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X			X	X		X	X	X	X	X	X	X	X	X	X	X	X
" " " " "	PIONEER	(*)	F-3	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X			X	X		X	X	X	X	X	X	X	X	X	X	X	X
" " " " "	LACKNER	(*)	F-3	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X			X	X		X	X	X	X	X	X	X	X	X	X	X	X
CLASS 05-C																																														
INDICATOR ASSY - BANK & TURN																																														
LIGHTED 1 WIRE	PIONEER	1703-2A-B2 (*)	A-5	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X			X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
" " "	"	1703-2B-B2 (*)	A-5	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X			X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
" " "	"	1707-2A-A2 (*)	A-5	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X			X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
" " "	"	1707-2A-B2 (*)	A-5	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X			X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
" " "	"	1707-1A-A1 (*)	COML	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X			X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
" 2 " 24 VOLT	"	1708-1A-A1 (*)	"																					X						X	X	X														
NOT LIGHTED	"	1718-2S-A2 (*)	A-8	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X			X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
" "	"	1700-1A-A1	COML																																	X	X									
" "	"	1700-1A-C1	"																																											
" "	"	1719-1AF-A1(*)	NAVY	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X			X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
" "	"	1717-1A-A1 (*)	COML																																											
" "	"	1700-1A6-C1	"																																										
" "	"	1721-2D-A2	A-11	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X			X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
" "	"	1721-2V-A2	A-11	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X			X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
CONTINUED																																														

REMARKS: LINE NUMBERS IN RED.

(*) (11, 12, 13, 14, 15) LIGHTED MAY REQUIRE PANEL MODIFICATION.
(*) (28, 29, 30) USE ON NIGHT FIGHTERS.
(*) (36, 37, 38, 39, 40, 41) LIGHTED MAY REQUIRE PANEL MODIFICATION.
(*) (42) TYPE A-11 LATER MODEL THAN A-8.
(*) (45) NAVY TYPE 88-1-3280.
(*) (46) OPERATES ON 4" HG, OTHER MODELS MAY BE SUBSTITUTED BY USING ADJUSTABLE RESTRICTIONS.
(*) (48, 49) TYPES USED WITH CENTRALIZED FILTER SYSTEM INSTALLED ON AIRCRAFT NOT HAVING THIS SYSTEM USE FILTER BANK AND TURN AIR AN5821-1.


FIGHTERS
CARGO
TRAINERS
P-39L BE
P-39M BE
P-39N BE
P-39Q BE
P-39J BE
P-40E CU
P-40F CU
P-40K CU
P-40L CU
P-40M CU
P-40N CU
RP-47B RE
P-47C RE
P-47D RE
P-47G CU
P-51 NA
P-61A NA
P-51B NA
P-51C NA
P-51D NA
P-61A NO
P-63A BE
UC-45 BH
C-46A CU
C-47 DO
C-47A DO
C-53 DO
C-53D DO
C-54A DO
C-87D LO
C-60A LO
UC-61A FA
UC-64A ND
UC-78 CE
UC-78B CE
UC-78C CE
C-87 CO
AT-6A NA
AT-6B NA
AT-6C NA
AT-6D NA
AT-7 BH
AT-9 CU
AT-9A CU
AT-10 BH
AT-11 BH
AT-16 ND
AT-17 CE
AT-17A CE
AT-17B CE
AT-17C CE
AT-17D CE
AT-18 LO
AT-21-FA
BT-12 FL
BT-13A VU
BT-14 NA
BT-15 VU
PT-13B BO
PT-13D BO
PT-17 BO
PT-17A BO
PT-19A FA
PT-19B FA
PT-22 RY
PT-23 HO
PT-23 SL
PT-23 FL
PT-23 AE
PT-27 BO

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	DESCRIPTION	VENDOR	PART NO.	TYPE	B-17E BO	B-17F BO	B-17F DO	B-17F VE	B-17G DO	B-24D CO	B-24E CO	B-24E DO	B-24E FO	B-24G NA	B-24H FO	B-24H CO	B-24H DO	B-25C NA	B-25D NA	B-25G NA	B-26B NA	B-26B MA	B-26B1 MA	B-26C MA	RB-34 VE	A-20B DO	A-20C BO	A-20C DO	A-20G DO	A-24A DO	A-24B DO	A-25A CU	A-28A LO	A-29 LO	A-29A LO	A-30A MA	A-35A VU	A-35B VU	A-36A NA	P-38E LO	P-38F LO	P-38G LO	P-38H LO	P-38J LO	P-38K LO	P-39D BE	P-39F BE	P-39K BE
1	CLASS 05-C CONTINUED				HEAVY BOMBERS													MEDIUM BOMBERS								LIGHT BOMBERS														FIGHTERS								
2	CLASS 05-C INDICATOR ASSY-BANK & TURN																																														
3	NOT LIGHTED	PIONEER	1721-2H-A2	COML	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
4	" "	"	32752 (*)	AN 5820-1	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
5	" "	BURTON MFG. CO.	(*)	AN 5820-1	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
6	" "	LONGINES WITTANUER	(*)	AN 5820-1	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
7	" "	PIONEER	(*)	AN 5820-2	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
8	" "	BURTON MFG. CO.	(*)	AN 5820-2	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
9	" "	LONGINES WITTANUER	(*)	AN 5820-2	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
10																																															
11	CLASS 05-C INDICATOR ASSY-BANK & TURN																																													
12	ELECTRIC DRIVEN 24 VOLTS D.C.	PIONEER	3904-1B-A1	C-1																																X											
13	" " " " "	ALLEN CALCULATOR	21500	C-1																																X											
14	" " " " "	SCHENEIN ENG'R CO.	23500	C-1																																X											
15	CLASS 05-C																																													
16	INDICATOR ASSY - DIRECTONAL GYRO (TURN)																																													
17	LIGHTED 1 WIRE	SPERRY	642805 (*)	A-3	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
18	" "	"	642865 (*)	A-3	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
19	" "	"	643715 (*)	COML																							X	X								X											
20	NOT LIGHTED	"	644730	A-5	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
21	" "	"	644730-F	A-5	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
22	" "	"	646050-H (*)	AN 5735-1	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
23	" "	TERNSTEDT	T95090 (*)	AN 5735-1	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
24	" "	JACK & HEINTZ	JH5500 (*)	AN 5735-1	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
25	" "	SPERRY	646050 (*)	AN 5735-1	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
26	" "	"	647910 (*)	AN 5735-2	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
27	" "	"	647910C (*)	AN 5735-2	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
28	" "	TERNSTEDT	(*)	AN 5735-2	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
29	" "	JACK & HEINTZ	(*)	AN 5735-2	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
30	CLASS 05-C																																													
31	INDICATOR ASSY - GYRO HORIZON (FLIGHT)																																													
32	LIGHTED 1 WIRE	SPERRY	643770 (*)	C-5	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
33	" "	"	643770R (*)	C-5	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
34	" "	"	642921 (*)	C-5	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
35	" "	"	642921M (*)	C-5	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
36	" "	"	643770M (*)	C-5	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
37	" "	"	643710 (*)	COML																							X	X							X											
38	NOT LIGHTED	"	644729	C-7	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
39	" "	"	645391	C-7	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
40	LIGHTED 1 WIRE	"	643720	C-5 EXP																																									
41	" "	"	643720R	C-5 EXP																																										
42	NOT LIGHTED	"	646040 (*)	AN 5736-1	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
43	" "	"	636040M (*)	AN 5736-1	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
44	" "	TERNSTEDT	T95100 (*)	AN 5736-1	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
45	" "	JACK & HEINTZ	JH6500 (*)	AN 5736-1	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
46	" "	SPERRY	647900 (*)	AN 5736-2	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
47	" "	"	647900C (*)	AN 5736-2	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
48	" "	TERNSTEDT	(*)	AN 5736-2	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
49	" "	JACK & HEINTZ	(*)	AN 5736-2	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
50																																														

REMARKS: LINE NUMBERS IN RED.

(*) (4, 5, C) TYPES USED WITH CENTRALIZED FILTER SYSTEM INSTALLED ON AIRCRAFT NOT HAVING THIS SYSTEM, USE FILTER BANK AND TURN AIR A.N. 5821-1.

(*) (7, 8, 9) FOR NIGHT FIGHTERS, TYPES USED WITH CENTRALIZED FILTER SYSTEM INSTALLED ON AIRCRAFT NOT HAVING THIS SYSTEM USE FILTER BANK AND TURN AIR A.N. 5821-1.

(*) (17, 18, 19) MAY REQUIRE PANEL MODIFICATION.

(*) (22, 23, 24, 25) FILTER CONNECTION ON SPERRY AND TERNSTED LOCATED DIFFERENT, MAKE CONNECTION USING 3/8" I.D. HOSE A.N. 884-6-84 AND A.N. 840-6 NIPPLE AND SUITABLE HOSE CLAMPS. DOES NOT HAVE BALL INCLINOMETER.

(*) (26, 27, 28, 29) FILTER CONNECTION AND SPERRY AND TURNSTEAD LOCATED DIFFERENT, MAKE CONNECTIONS USING 3/8" I.D. HOSE A.N. 884-6-84 AND A.N. 840-6 NIPPLE AND SUITABLE HOSE CLAMPS DOES NOT HAVE BALL INCLINOMETER. FOR USE ON NIGHT FIGHTERS.

	FIGHTERS																						CARGO															TRAINERS																																
	P-39L BE	P-39M BE	P-39N BE	P-39Q BE	P-39J BE	P-40E CU	P-40F CU	P-40K CU	P-40L CU	P-40M CU	P-40N CU	RP-47B RE	P-47C RE	P-47D RE	P-47G CU	P-51 NA	P-51A NA	P-51B NA	P-51C NA	P-51D NA	P-61A NO	P-63A BE	UC-45 BH	C-46A CU	C-47 DO	C-47A DO	C-53 DO	C-53D DO	C-54A DO	C-57D LO	C-60A LO	UC-61A FA	UC-64A ND	UC-78 CE	UC-78B CE	UC-78C CE	C-87 CO	AT-6A NA	AT-6B NA	AT-6C NA	AT-6D NA	AT-7 BH	AT-9 CU	AT-9A CU	AT-10 BH	AT-11 BH	AT-16 ND	AT-17 CE	AT-17A CE	AT-17B CE	AT-17C CE	AT-17D CE	AT-18 LO	AT-21-FA	BT-12 FL	BT-13A VU	BT-14 NA	BT-15 VU	PT-13B BO	PT-13D BO	PT-17 BO	PT-17A BO	PT-19A FA	PT-19B FA	PT-22 RY	PT-23 HO	PT-23 SL	PT-23 FL	PT-23 AE	PT-27 BO
1																																																																						
2																																																																						
3	x	x		x	x	x	x	x	x	x		x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x		x	x	x	x	x	x		x						x	x	x	x	x
4	x	x		x	x	x	x	x	x	x		x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x		x	x	x	x	x	x		x						x	x	x	x	x
5	x	x		x	x	x	x	x	x	x		x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x		x	x	x	x	x	x		x						x	x	x	x	x
6	x	x		x	x	x	x	x	x	x		x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x		x	x	x	x	x	x		x						x	x	x	x	x
7	x	x		x	x	x	x	x	x	x		x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x		x	x	x	x	x	x		x						x	x	x	x	x
8	x	x		x	x	x	x	x	x	x		x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x		x	x	x	x	x	x		x						x	x	x	x	x
9	x	x		x	x	x	x	x	x	x		x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x		x	x	x	x	x	x		x						x	x	x	x	x
10																																																																						
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13			x								x																																																											
14			x								x																																																											
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17	x	x	x	x		x	x	x	x	x		x	x	x	x	x	x	x	x	x		x	x	x	x		x	x	x	x	x		x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x		x	x	x	x	x	x												
18	x	x	x	x		x	x	x	x	x		x	x	x	x	x	x	x	x	x		x	x	x	x		x	x	x	x	x		x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x		x	x	x	x	x	x												
19																x													x																																									
20	x	x	x	x		x	x	x	x	x		x	x	x	x	x	x	x	x	x		x	x	x	x		x	x	x	x	x		x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x		x	x	x	x	x	x												
21	x	x	x	x		x	x	x	x	x		x	x	x	x	x	x	x	x	x		x	x	x	x		x	x	x	x	x		x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x		x	x	x	x	x	x												
22	x	x	x	x		x	x	x	x	x		x	x	x	x	x	x	x	x	x		x	x	x	x		x	x	x	x	x		x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x		x	x	x	x	x	x												
23	x	x	x	x		x	x	x	x	x		x	x	x	x	x	x	x	x	x		x	x	x	x		x	x	x	x	x		x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x		x	x	x	x	x	x												
24	x	x	x	x		x	x	x	x	x		x	x	x	x	x	x	x	x	x		x	x	x	x		x	x	x	x	x		x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x		x	x	x	x	x	x												
25	x	x	x	x		x	x	x	x	x		x	x	x	x	x	x	x	x	x		x	x	x	x		x	x	x	x	x		x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x		x	x	x	x	x	x												
26	x	x	x	x		x	x	x	x	x		x	x	x	x	x	x	x	x	x		x	x	x	x		x	x	x	x	x		x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x		x	x	x	x	x	x												
27	x	x	x	x		x	x	x	x	x		x	x	x	x	x	x	x	x	x		x	x	x	x		x	x	x	x	x		x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x		x	x	x	x	x	x												
28	x	x	x	x		x	x	x	x	x		x	x	x	x	x	x	x	x	x		x	x	x	x		x	x	x	x	x		x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x		x	x	x	x	x	x												
29	x	x	x	x		x	x	x	x	x		x	x	x	x	x	x	x	x	x		x	x	x	x		x	x	x	x	x		x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x		x	x	x	x	x	x												
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31																																																																						
32	x	x	x	x		x	x	x	x	x		x	x	x	x		x	x	x	x	x	x		x		x		x	x	x	x		x	x	x	x	x	x	x	x	x		x		x	x	x	x		x	x		x	x	x	x	x	x												
33	x	x	x	x		x	x	x	x	x		x	x	x	x		x	x	x	x	x	x		x		x		x	x	x	x		x	x	x	x	x	x	x	x	x		x		x	x	x	x		x	x		x	x	x	x	x	x												
34	x	x	x	x		x	x	x	x	x		x	x	x	x		x	x	x	x	x	x		x		x		x	x	x	x		x	x	x	x	x	x	x	x	x		x		x	x	x	x		x	x		x	x	x	x	x	x												
35	x	x	x	x		x	x	x	x	x		x	x	x	x		x	x	x	x	x	x		x		x		x	x	x	x		x	x	x	x	x	x	x	x	x		x		x	x	x	x		x	x		x	x	x	x	x	x												
36	x	x	x	x		x	x	x	x	x		x	x	x	x		x	x	x	x	x	x		x		x		x	x	x	x		x	x	x	x	x	x	x	x	x		x		x	x	x	x		x	x		x	x	x	x	x	x												
37																																																																						
38	x	x	x	x		x	x	x	x	x		x	x	x	x		x	x	x	x	x	x		x		x		x	x	x	x		x	x	x	x	x	x	x	x	x		x		x	x	x	x		x	x		x	x	x	x	x	x												
39	x	x	x	x		x	x	x	x	x		x	x	x	x		x	x	x	x	x	x		x		x		x	x	x	x		x	x	x	x	x	x	x	x	x		x		x	x	x	x		x	x		x	x	x	x	x	x												
40																x											x																						x																					
41																x											x																						x																					
42	x	x	x	x		x	x	x	x	x		x	x	x	x		x	x	x	x	x	x		x		x		x	x	x	x		x	x	x	x	x	x	x	x	x		x		x	x	x	x		x	x		x	x	x	x	x	x												
43	x	x	x	x		x	x	x	x	x		x	x	x	x		x	x	x	x	x	x		x		x		x	x	x	x		x	x	x	x	x	x	x	x	x		x		x	x	x	x		x	x		x	x	x	x	x	x												
44	x	x	x	x		x	x	x	x	x		x	x	x	x		x	x	x	x	x	x		x		x		x	x	x	x		x	x	x	x	x	x	x	x	x		x		x	x	x	x		x	x		x	x	x	x	x	x												
45	x	x	x	x		x	x	x	x	x		x	x	x	x		x	x	x	x	x	x		x		x		x	x	x	x		x	x	x	x	x	x	x	x	x		x		x	x	x	x		x	x		x	x	x	x	x	x												
46	x	x	x	x		x	x	x	x	x		x	x	x	x		x	x	x	x	x	x		x		x		x	x	x	x		x	x	x	x	x	x	x	x	x		x		x	x	x	x		x	x		x	x	x	x	x	x												
47	x	x	x	x		x	x	x	x	x		x	x	x	x		x	x	x	x	x	x		x		x		x	x	x	x		x	x	x	x	x	x	x	x	x		x		x	x	x	x		x	x		x	x	x	x	x	x												
48	x	x	x	x		x	x	x	x	x		x	x	x	x		x	x	x	x	x	x		x		x		x	x	x	x		x	x	x	x	x	x	x	x	x		x		x	x	x	x		x	x		x	x	x	x	x	x												
49	x	x	x	x		x	x	x	x	x		x	x	x	x		x	x	x	x	x	x		x		x		x	x	x	x		x	x	x	x	x	x	x	x	x		x		x	x	x	x		x	x		x	x	x	x	x	x												
50																																																																						

REMARKS: LINE NUMBERS IN RED.
(*) (32, 33, 34, 35, 36) MAY REQUIRE PANEL MODIFICATION.
(*) (37) NO CAGING MECHANISM.
(*) (40, 41) MAY REQUIRE PANEL MODIFICATION.
(*) (42, 43, 44, 45) BOTH WITH AND WITHOUT CAGING MECHANISM.
(*) (46, 47, 48, 49) BOTH WITH AND WITHOUT CAGING MECHANISM.
FOR USE ON NIGHT FIGHTERS.

VERTICAL INTERCHANGEABILITY BETWEEN RED LINES. DO NOT CROSS A RED LINE WHEN DETERMINING VERTICAL INTERCHANGEABILITY.

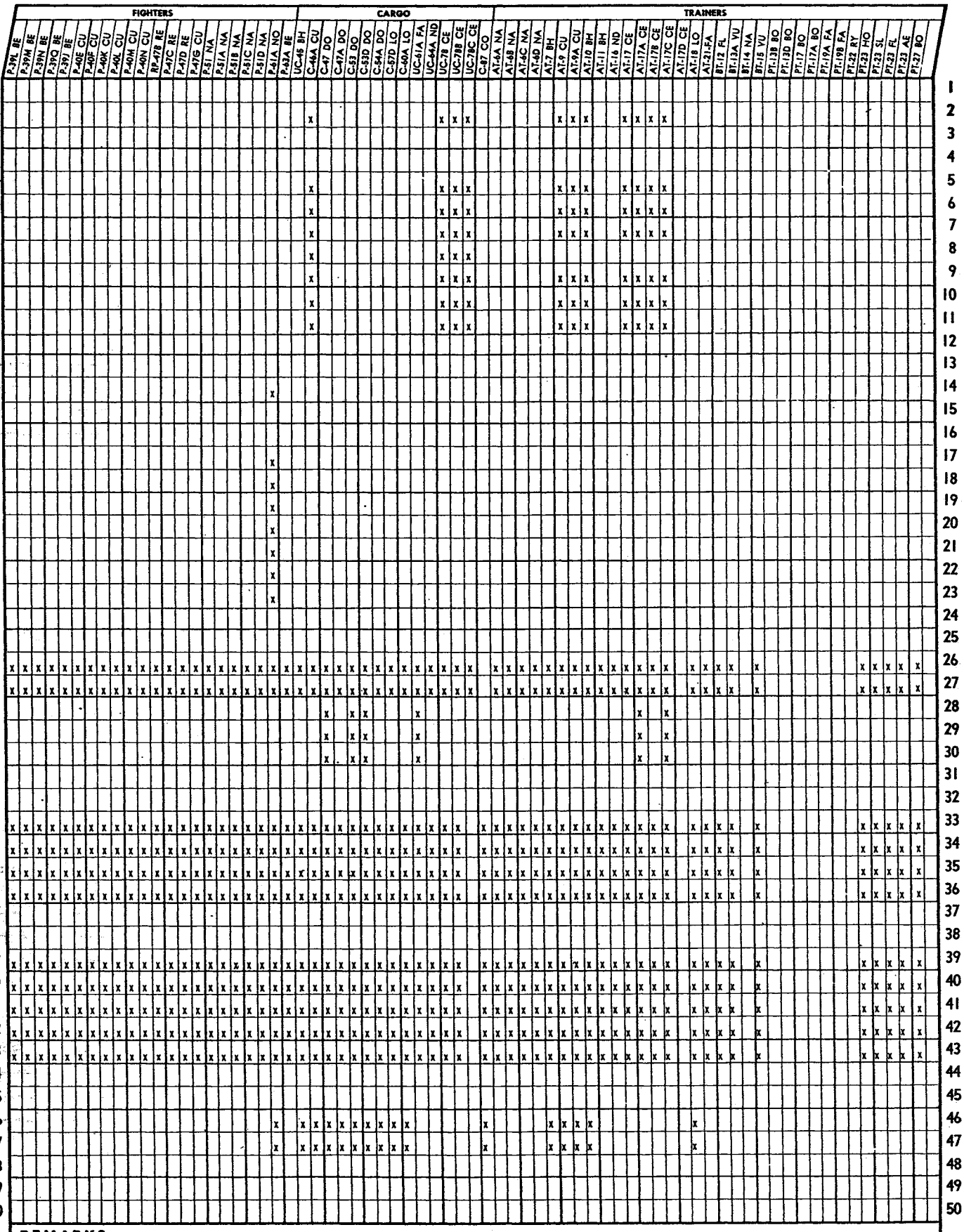
NOTE: IN ALL CASES WHERE COMP. INST'S. ARE USED, WHEN THE SUPPLY BECOMES EXHAUSTED, ARMY OR AN ST. INST. WILL BE USED, FRONT MOUNTED INST. MAY BE REPLACED BY ARMY & AN ST. BY DRILLING THE LOCK NUTS USING A #19 DRILL AND 8/32" MOUNTING SCREWS. "CAUTION" SHOULD BE USED WHILE DRILLING TO PREVENT BREAKING CORNERS.

	CLASS 05-C DESCRIPTION	VENDOR	PART NO.	TYPE
1	INDICATOR ASSY - POSITION, FLAPS, LDG GEAR & TAIL WHEEL			
2	AND-10066 RECEPTACLE 10 PRONG 24 VOLT NOT LIGHTED	WESTON	102182 (*)	A-2
3	CLASS 05-C			
4	INDICATOR ASSY - POSITION, FLAPS, LDG GEAR & TAIL WHEEL			
5	AND-10066 RECEPTACLE 10 PRONG 24 VOLT NOT LIGHTED	WESTON	106801	A-2
6	" " " " "	GENERAL ELECTRIC	8DJ17AAB	A-2
7	" " " " "	"	8DJ17AAM	A-2
8	" " " " "	WESTON	106369	A-3
9	" " " " "	GENERAL ELECTRIC	8DJ17AAL	A-3
10	" " " " "	WESTON	111601	AN 5780-1
11	" " " " "	GENERAL ELECTRIC	8DJ17AAD	AN 5780-1
12	CLASS 05-C			
13	INDICATOR ASSY - POSITION, FLAPS LDG GEAR & NOSE WHEEL			
14	AND-10066 RECEPTACLE 10 PRONG 24 VOLT NOT LIGHTED	WESTON	103257 (*)	A-2
15	CLASS 05-C			
16	INDICATOR ASSY - POSITION, FLAPS, LDG GEAR & NOSE WHEEL			
17	AND-10066 RECEPTACLE 10 PRONG 24 VOLT NOT LIGHTED	WESTON	106802	A-2
18	" " " " "	GENERAL ELECTRIC	8DJ17AAA	A-2
19	" " " " "	"	8DJ17AAM	A-2
20	" " " " "	WESTON	106370	A-3
21	" " " " "	GENERAL ELECTRIC	8DJ17AAK	A-3
22	" " " " "	WESTON	111602	AN 5780-2
23	" " " " "	GENERAL ELECTRIC	8DJ17AAT	AN 5780-2
24	CLASS 05-C			
25	INDICATOR ASSY - RATE OF CLIMB			
26	RANGE 4000-TO-4000 FT/MIN. NOT LIGHTED	PIONEER	1637-1M-A1 (*)	A-7
27	" " " " " " " "	"	1634-1S-A1	COML
28	" " " " " " " "	"	1600-1A-A1	"
29	" " " " " " " "	"	1610-1A-A1	"
30	" " " " " " " "	"	1600-1M-C1	"
31	" " " " " " LIGHTED 1 WIRE	"	1629-1A-A1	"
32	RANGE 2000-TO-2000 FT/MIN. LIGHTED 2 WIRE	KOLLSMAN	47130-03	"
33	RANGE 6000-TO-8000 FT/MIN. NOT LIGHTED	PIONEER	1636-6A-A1 (*)	C-2
34	" " " " " " " "	"	1636-6A-B1 (*)	C-2
35	" " " " " " " "	KOLLSMAN	639K-03 (*)	C-2
36	" " " " " " " "	PIONEER	(*)	C-3
37	" " " " " " " "	"	1640-6E-A1 (*)	NAVY
38	" " " " " " " "	KOLLSMAN	661KH-02 (*)	"
39	" " " " " " " "	"	716K-03	AN 5825-1
40	" " " " " " " "	BULOVA WATCH		AN 5825-1
41	" " " " " " " "	FORD MOTOR CO.		AN 5825-1
42	" " " " " " " "	PIONEER		AN 5825-1
43	" " " " " " " "	KOLLSMAN	(*)	AN 5825-2
44	CLASS 05-C			
45	PILOT ASSY - AUTOMATIC			
46	" " "	SPERRY	644264 (*)	A-3
47	" " "	JACK & HEINTZ	(*)	A-3A
48				
49				
50	CONTINUED			

	HEAVY BOMBERS																MEDIUM BOMBERS											LIGHT BOMBERS																FIGHTERS										
	B-17E BO	B-17F BO	B-17F DO	B-17F VE	B-17G DO	B-24D CO	B-24E CO	B-24E DO	B-24E FO	B-24G NA	B-24H FO	B-24H CO	B-24H DO	B-25C NA	B-25D NA	B-25G NA	B-26B NA	B-26B MA	B-26B1 MA	B-26C MA	RB-34 VE	A-20B DO	A-20C BO	A-20C DO	A-20G DO	A-24A DO	A-24B DO	A-25A CU	A-28A LO	A-29 LO	A-29A LO	A-30A MA	A-35A VU	A-35B VU	A-36A NA	P-38E LO	P-38F LO	P-38G LO	P-38H LO	P-38J LO	P-38K LO	P-39D BE	P-39F BE	P-39K BE	
1																																																			
2																																	X	X																	
3																																																			
4																																																			
5																																	X	X																	
6																																	X	X																	
7																																	X	X																	
8																																	X	X																	
9																																	X	X																	
10																																	X	X																	
11																																	X	X																	
12																																																			
13																																																			
14																		X	X	X				X													X	X	X	X	X	X									
15																																																			
16																																																			
17																		X	X	X				X													X	X	X	X	X	X									
18																		X	X	X				X													X	X	X	X	X	X									
19																		X	X	X				X													X	X	X	X	X	X									
20																		X	X	X				X													X	X	X	X	X	X									
21																		X	X	X				X													X	X	X	X	X	X									
22																		X	X	X				X													X	X	X	X	X	X									
23																		X	X	X				X													X	X	X	X	X	X									
24																																																			
25																																																			
26	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
27	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
28																																																			
29																																																			
30																																																			
31																							X	X																												
32																					X								X	X	X																				
33	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
34	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
35	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
36	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
37																												X																						
38																												X																						
39	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
40	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
41	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
42	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
43	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
44																																																			
45																																																			
46														X	X	X				X										X	X	X																		
47														X	X	X				X										X	X	X																		
48																																																			
49																																																			
50																																																			

REMARKS: LINE NUMBERS IN RED.

(*) (2) USEDTRANSMITTER 102183 ONLY.
(*) (14) USE TRANSMITTER 102183 ONLY.
(*) (26) C-2 LATER MODEL THAN A-7.
(*) (33, 34, 35) OBSOLETE TYPE A-6 MAY BE INTERCHANGED BY MAKING PANEL MODIFICATION.
(*) (36) FOR NIGHT FIGHTERS.
(*) (37, 38) NAVY TYPE 88-A-760 MAY REQUIRE PANEL MODIFICATION.
(*) (43) FOR NIGHT FIGHTERS.
(*) (46, 47) ALL UNITS OF THE A-3 AND A-3A AUTO PILOTS ARE OPERATIONALLY INTERCHANGEABLE.


FIGHTERS
CARGO
TRAINERS
P-39L BE
P-39M BE
P-39N BE
P-39Q BE
P-39J BE
P-40E CU
P-40F CU
P-40K CU
P-40L CU
P-40M CU
P-40N CU
RP-47B RE
P-47C RE
P-47D RE
P-47G CU
P-51 NA
P-51A NA
P-51B NA
P-51C NA
P-51D NA
P-63A NO
P-63A BE
UC-45 BH
C-46A CU
C-47 DO
C-47A DO
C-53 DO
C-53D DO
C-54A DO
C-57D LO
C-60A LO
UC-61A FA
UC-64A ND
UC-78 CE
UC-78B CE
UC-78C CE
C-87 CO
AT-6A NA
AT-6B NA
AT-6C NA
AT-6D NA
AT-7 BH
AT-9 CU
AT-9A CU
AT-10 BH
AT-11 BH
AT-16 ND
AT-17 CE
AT-17A CE
AT-17B CE
AT-17C CE
AT-17D CE
AT-18 LO
AT-21-FA
BT-12 FL
BT-13A VU
BT-14 NA
BT-15 VU
PT-13B BO
PT-13D BO
PT-17 BO
PT-17A BO
PT-19A FA
PT-19B FA
PT-22 RY
PT-23 HO
PT-23 SL
PT-23 FL
PT-23 AE
PT-27 BO

REMARKS:

T. O. No. 00-25-29

VERTICAL INTERCHANGEABILITY BETWEEN RED LINES. DO NOT CROSS A RED LINE WHEN DETERMINING VERTICAL INTERCHANGEABILITY

NOTE: IN ALL CASES WHERE COM. INST'S. ARE USED, WHEN THE SUPPLY BECOMES EXHAUSTED, ARMY OR AN ST. INST. WILL BE USED. FRONT MOUNTED INST. MAY BE REPLACED BY ARMY & AN ST. BY DRILLING THE LOCK NUTS USING A #19 DRILL AND 8/32" MOUNTING SCREWS. "CAUTION" SHOULD BE USED WHILE DRILLING TO PREVENT BREAKING CORNERS.

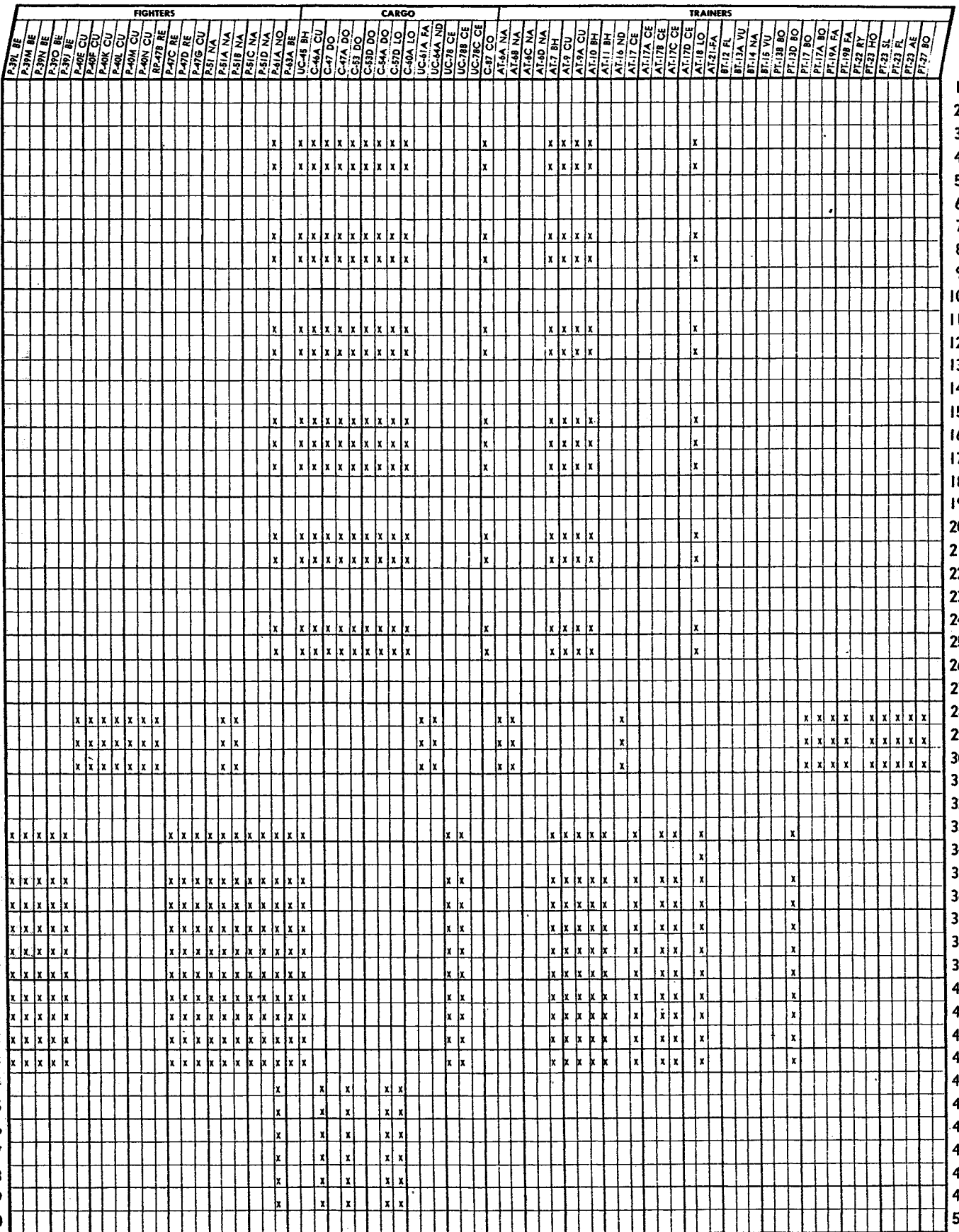
CLASS 05-C DESCRIPTION	VENDOR	PART NO.	TYPE
CONTINUED			
CONTROL ASSY - BANK & CLIMB GYRO (AUTOMATIC PILOT)	SPERRY	690811	A-3
	SPERRY	643916	A-3
	JACK & HEINTZ	JH6000	A-3A
CLASS 05-C			
CONTROL ASSY - DIRECTIONAL GYRO (AUTOMATIC PILOT)	SPERRY	648010	A-3
	SPERRY	643915	A-3
	JACK & HEINTZ	JH5000	A-3A
CLASS 05-C			
MOUNT ASSY - AUTOMATIC PILOT			
	SPERRY	643917	A-3
	JACK & HEINTZ	JH4000	A-3A
CLASS 05-C			
FILTER ASSY - OIL AUTOMATIC PILOT			
	SPERRY	644100	A-3
	JACK & HEINTZ	JH3126	A-3A
	SKINNER	27400	
CLASS 05-C			
VALVE ASSY - SPEED CONTROL AUTOMATIC PILOT			
	SPERRY	644255	A-3
	JACK & HEINTZ	JH3100	A-3A
CLASS 05-C			
TRAP ASSY - OIL DRAIN AUTOMATIC PILOT			
	SPERRY	642224	A-3
	JACK & HEINTZ	JH3050	A-3A
CLASS 05-D			
TACHOMETER ASSY - CHRONOMETRIC			
RANGE 0-TO-3500 RPM SHAFT DRIVEN	JAEGER	3800 (*)	C-9
" " " " "	"	4700 (*)	C-9A
" 0-TO-4500 " " "	"	4770 (*)	C-11
CLASS 05-D			
TACHOMETER ASSY - ELECTRIC			
RANGE 0-TO-3500 RPM (SINGLE) 4 POLE 3 PHASE	KOLLSMAN	656K-03	E-9
" " " " "	"	5908K-01	CO--
" " " " "	GENERAL ELECTRIC	8DJ13AAH	E-9A
" " " " "	"	8DJ13AAS	E-9A
" " " " "	"	8DJ13AAM	E-9A
" 0-TO-4500 " " "	"	8DJ13ABN24 (*)	E-13
" " " " "	GRAYSON HEATER	(*)	E-13
" " " " "	KOLLSMAN	771K-03 (*)	E-13
" " " " "	GENERAL ELECTRIC	8DJ13ACX	AN 5530-1
" " " " "	GRAYSON HEATER		AN 5530-1
" " " " "	KOLLSMAN		AN 5530-1
" " " " " (DUAL)	CHICAGO FLEX SHAFT		E-14
" " " " "	FRIDEN CALCULATOR		E-14
" " " " "	G.E.	8DJ19AAB	E-14
" " " " "	CHICAGO FLEX SHAFT	8DJ19AAB-2	AN 5530-2
" " " " "	FRIDEN CALCULATOR		AN 5530-2
" " " " "	G.E.		AN 5530-2
CONTINUED			

	HEAVY BOMBERS															MEDIUM BOMBERS							LIGHT BOMBERS														FIGHTERS									
	B-17E BO	B-17F BO	B-17F DO	B-17F VE	B-17G DO	B-24D CO	B-24E CO	B-24E DO	B-24E FO	B-24G NA	B-24H FO	B-24H CO	B-24H DO	B-25C NA	B-25D NA	B-25G NA	B-25H NA	B-26B MA	B-26B1 MA	B-26C MA	RB-34 VE	A-20B DO	A-20C BO	A-20C DO	A-20G DO	A-24A DO	A-24B DO	A-25A CU	A-28A LO	A-29 LO	A-29A LO	A-30A MA	A-35A VU	A-35B VU	A-36A NA	P-38E LO	P-38F LO	P-38G LO	P-38H LO	P-38J LO	P-38K LO	P-39D BE	P-39F BE	P-39K BE
1																																														
2	*																																													
3														X	X	X				X								X	X	X																
4														X	X	X				X								X	X	X																
5																																														
6																																														
7														X	X	X				X								X	X	X																
8														X	X	X				X								X	X	X																
9																																														
10																																														
11														X	X	X				X								X	X	X																
12														X	X	X				X								X	X	X																
13																																														
14																																														
15														X	X	X				X								X	X	X																
16														X	X	X				X								X	X	X																
17														X	X	X				X								X	X	X																
18																																														
19																																														
20														X	X	X				X								X	X	X																
21														X	X	X				X								X	X	X																
22																																														
23																																														
24														X	X	X				X								X	X	X																
25														X	X	X				X								X	X	X																
26																																														
27																																														
28																																	X	X	X										
29																																	X	X	X										
30																																	X	X	X										
31																																														
32																																														
33										X				X	X	X						X		X				X	X	X	X						X	X	X	X	X	X	X			
34																																														
35										X				X	X	X						X		X				X	X	X	X						X	X	X	X	X	X	X			
36										X				X	X	X						X		X				X	X	X	X						X	X	X	X	X	X	X			
37										X				X	X	X						X		X				X	X	X	X						X	X	X	X	X	X	X			
38										X				X	X	X						X		X				X	X	X	X						X	X	X	X	X	X	X			
39										X				X	X	X						X		X				X	X	X	X						X	X	X	X	X	X	X			
40										X				X	X	X						X		X				X	X	X	X						X	X	X	X	X	X	X			
41										X				X	X	X						X		X				X	X	X	X						X	X	X	X	X	X	X			
42										X				X	X	X						X		X				X	X	X	X						X	X	X	X	X	X	X			
43										X				X	X	X						X		X				X	X	X	X						X	X	X	X	X	X	X			
44		X	X	X	X	X				X	X	X	X	X	X	X	X		X	X																					X	X				
45		X	X	X	X	X				X	X	X	X	X	X	X	X		X	X																					X	X				
46		X	X	X	X	X				X	X	X	X	X	X	X	X		X	X																					X	X				
47		X	X	X	X	X				X	X	X	X	X	X	X	X		X	X																					X	X				
48		X	X	X	X	X				X	X	X	X	X	X	X	X		X	X																					X	X				
49		X	X	X	X	X				X	X	X	X	X	X	X	X		X	X																					X	X				
50																																														

REMARKS: LINE NUMBERS IN RED.

(*) (28, 29, 30) C-11 LATER TYPE THAN C-9 OR C-9A. NOTE DIFFERENCE IN RANGE.

(*) (38, 39, 40) THESE ITEMS ARE FOR NIGHT FIGHTERS ONLY.


FIGHTERS
CARGO
TRAINERS
P-39L BE
P-39M BE
P-39N BE
P-39Q BE
P-39J BE
P-40E CU
P-40F CU
P-40K CU
P-40L CU
P-40M CU
P-40N CU
RP-47B RE
P-47C RE
P-47D RE
P-47G CU
P-51 NA
P-51A NA
P-51B NA
P-51C NA
P-51D NA
P-63A NO
P-63A BE
UC-45 BH
C-46A CU
C-47 DO
C-47A DO
C-53 DO
C-53D DO
C-54A DO
C-57D LO
C-60A LO
UC-61A FA
UC-64A ND
UC-78 CE
UC-78B CE
UC-78C CE
C-87 CO
AT-6A NA
AT-6B NA
AT-6C NA
AT-6D NA
AT-7 BH
AT-9 CU
AT-9A CU
AT-10 BH
AT-11 BH
AT-16 ND
AT-17 CE
AT-17A CE
AT-17B CE
AT-17C CE
AT-17D CE
AT-18 LO
AT-21 FA
BT-12 FL
BT-13A VU
BT-14 NA
BT-15 VU
PT-13B BO
PT-13D BO
PT-17 BO
PT-17A BO
PT-19A FA
PT-19B FA
PT-22 RY
PT-23 HO
PT-23 SL
PT-23 FL
PT-23 AE
PT-27 BO

REMARKS:

VERTICAL INTERCHANGEABILITY BETWEEN RED LINES. DO NOT CROSS A RED LINE WHEN DETERMINING VERTICAL INTERCHANGEABILITY.

NOTE: IN ALL CASES WHERE COM. INST'S. ARE USED, WHEN THE SUPPLY BECOMES EXHAUSTED, ARMY OR AN ST. INST. WILL BE USED, FRONT MOUNTED INST. MAY BE REPLACED BY ARMY & AN ST. BY DRILLING THE LOCK NUTS USING A #19 DRILL AND 8/32" MOUNTING SCREWS. "CAUTION" SHOULD BE USED WHILE DRILLING TO PREVENT BREAKING CORNERS.

	DESCRIPTION	VENDOR	PART NO.	TYPE	B-17E BO	B-17F BO	B-17F DO	B-17F VE	B-17G DO	B-24D CO	B-24E CO	B-24E DO	B-24E FO	B-24G NA	B-24H FO	B-24H CO	B-24H DO	B-25C NA	B-25D NA	B-25G NA	B-25H NA	B-26B MA	B-26B1 MA	B-26C MA	RB-34 VE	A-20B DO	A-20C BO	A-20C DO	A-20G DO	A-24A DO	A-24B DO	A-35A CU	A-28A LO	A-29 LO	A-29A LO	A-30A MA	A-35A VU	A-35B VU	A-36A NA	P-38E LO	P-38F LO	P-38G LO	P-38H LO	P-38J LO	P-38K LO	P-39D BE	P-39F BE	P-39K BE	
1	CONTINUED																																																1
2	CLASS 05-D																																																2
3	TACHOMETER ASSY - ELECTRIC																																															3
4	RANGE 0-3500 RPM (SINGLE)	KOLLSMAN	62IKH-04	(*) NAVY																									X	X	X																		4
5	" " " "	G.E.	8DJ13ABK	(*) NAVY																									X	X	X																		5
6	" " " "	G.E.	8DJ13AAT	(*) NAVY																									X	X	X																		6
7		G.E.	8DJ13AAA	(*) NAVY																									X	X	X																		7
8	CLASS 05-D																																															8
9	THERMOMETER ASSY - CARBURETOR AIR MIXTURE																																															9
10	RANGE -45° - +45° 2% VOLT (SINGLE)	HICKOK		F-8																																	X	X	X						X	X	X	10
11	" " " " " "	WESTON	102114	F-8																																	X	X	X						X	X	X	11
12	" " " " " "	EDISON	33200	F-8																																	X	X	X						X	X	X	12
13	" " " " " "	WESTON	108261	F-8																																	X	X	X						X	X	X	13
14	" " " 12 VOLT (SINGLE)	WESTON	102130	F-9																																												14
15	" " " " " "	WESTON	106489	F-9																																												15
16	" " " " " "	EDISON		F-9																																												16
17	CLASS 05-D																																															17
18	THERMOMETER ASSY - UNIVERSAL TYPE (SINGLE) RANGE -70° - +150°C 12 AND 24 VOLT	EDISON	33204	(*) AN 5790-6	X	X	X	X		X	X	X	X						X	X	X	X	X	X	X		X		X		X					X	X	X	X	X	X	X	X	X	X	X	18
19		WESTINGHOUSE	1163617	(*) AN 5790-6	X	X	X	X		X	X	X	X						X	X	X	X	X	X	X		X		X		X					X	X	X	X	X	X	X	X	X	X	X	19
20		WESTON	110077	(*) AN 5790-6	X	X	X	X		X	X	X	X						X	X	X	X	X	X	X		X		X		X					X	X	X	X	X	X	X	X	X	X	X	20
21		MOTO METER	10283A	(*) AN 5790-6	X	X	X	X		X	X	X	X						X	X	X	X	X	X	X		X		X		X					X	X	X	X	X	X	X	X	X	X	X	21
22	CLASS 05-D																																															22
23	THERMOMETER ASSY - CARBURETOR AIR MIXTURE																																															23
24	RANGE -45° - +45°C 24 VOLT (DUAL)	HICKOK	60011	F-10		X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X		X												X	X	X	X	X	X			24
25		WESTON	103106	F-10		X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X		X												X	X	X	X	X	X			25
26		"	93737	F-10		X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X		X												X	X	X	X	X	X			26
27		EDISON	33208	F-10		X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X		X												X	X	X	X	X	X			27
28	CLASS 05-D																																															28
29	THERMOMETER ASSY - UNIVERSAL TYPE																																															29
30	(DUAL) RANGE -70° - +150°C 12 AND 24 VOLT	EDISON	33205	(*) AN 5795-6		X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X		X												X	X	X	X	X	X			30
31	" " " " " "	MOTO METER	10284A	(*) AN 5795-6		X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X		X												X	X	X	X	X	X			31
32	" " " " " "	HICKOK	60015	(*) AN 5795-6		X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X		X												X	X	X	X	X	X			32
33	" " " " " "	SUTTON HORSLEY	2213-9	(*) AN 5795-6		X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X		X												X	X	X	X	X	X			33
34	" " " " " "	WESTINGHOUSE	1163618	(*) AN 5795-6		X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X		X												X	X	X	X	X	X			34
35	" " " " " "	WESTON	110612	(*) AN 5795-6		X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X		X												X	X	X	X	X	X			35
36	CLASS 05-D																																															36
37	THERMOMETER ASSY - FREE AIR																																															37
38	RANGE -40° - +50°	US GAUGE	AN-2-23	C-5																																												38
39	" " "	M.M & M.	M-816	C-5																																												39
40	" " "	KOLLSMAN	95-04	C-5																																												40
41	" " "	KOLLSMAN	95-01	(*) COML																																												41
42	15' CAPILARY " " " LIGHTED 1 WIRE 3 VOLT	US GAUGE	AN-2-42-15	(*) C-6																						X	X																				X		42
43	" " " " " " "	M.M & M.	M920-15	(*) C-5																						X	X																				X		43
44	" " " " " " "	US GAUGE	AN-1-7/8-20M-15	(*) COML																						X	X																				X		44
45	" " " NOT LIGHTED	US GAUGE	AN-1-7/8-20C8-15	COML																						X	X																				X		45
46	24 VOLT RANGE -50-TO-+50 C LIGHTED 1 WIRE	WESTON	93925	(*) C-8														X	X			X		X																								46
47	" " " NOT LIGHTED 3 VOLT	WESTON	102330	C-10														X	X			X		X																								47
48																																																48
49	CONTINUED																																															49
50																																																50

REMARKS: LINE NUMBERS IN RED.

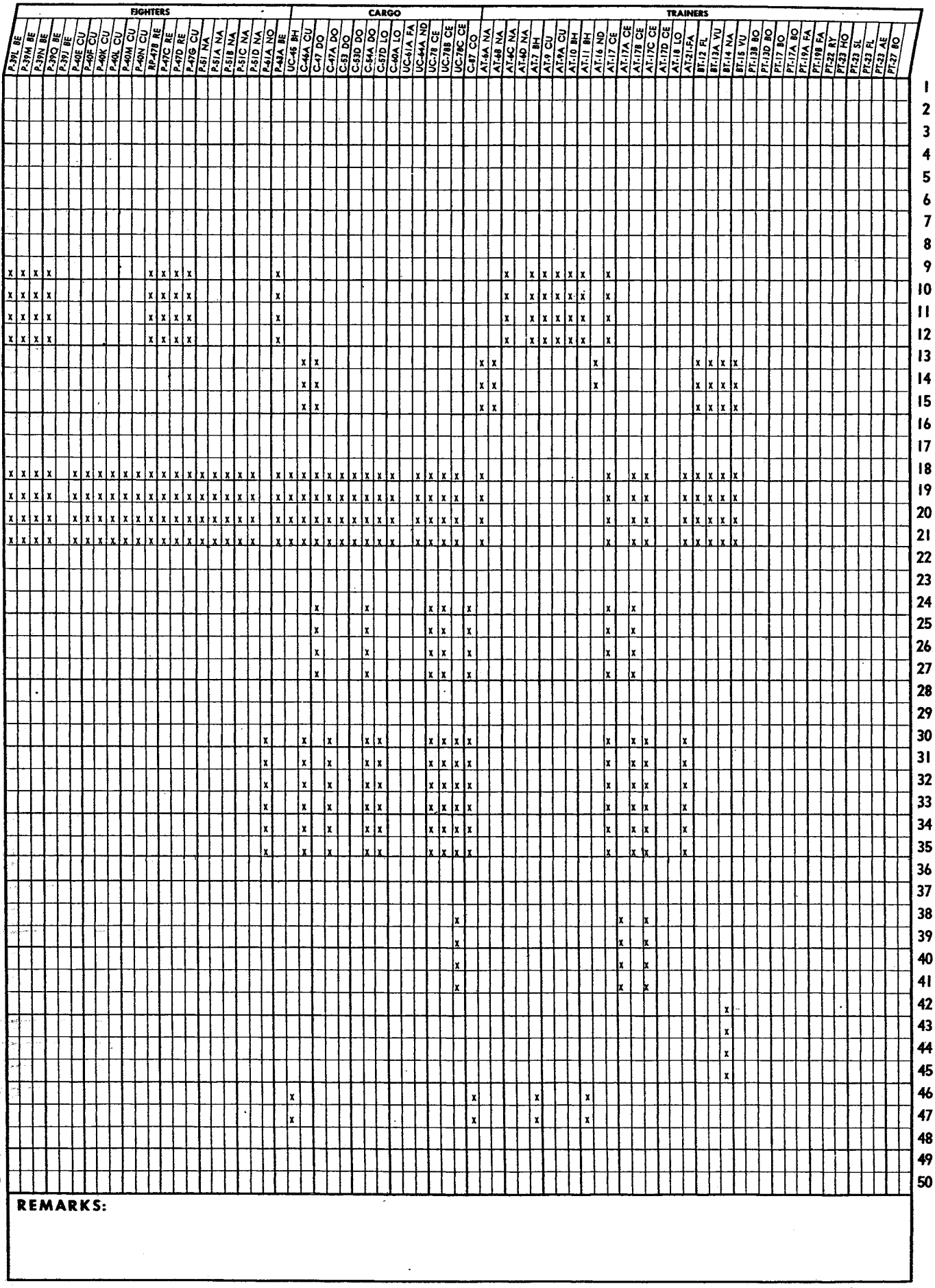
(*) (3, 4, 5, 6) NAVY TYPE 88-1-2500.

(*) (18, 19, 20, 21, 30, 31, 32, 33, 34, 35) UNIVERSAL TYPE, OIL, CARBURETOR MIXTURE AIR, COOLANT OR FREE AIR.

(*) (41) BRITISH REFERENCE NO. 106A/1131.

(*) (42, 43, 44, 46) MAY REQUIRE PANEL MODIFICATION.

T. O. No. 00-25-29



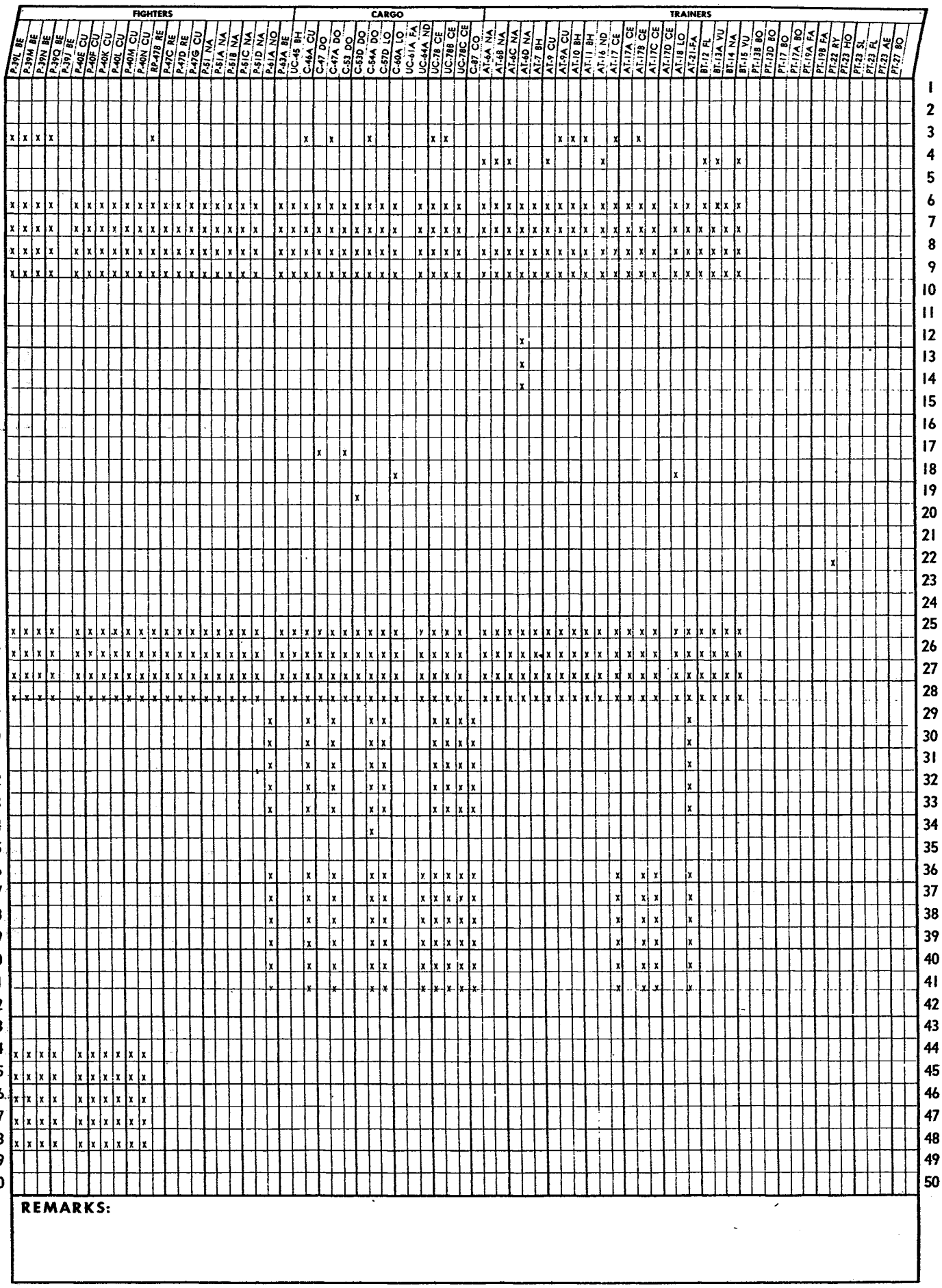
REMARKS:

VERTICAL INTERCHANGEABILITY BETWEEN RED LINES. DO NOT CROSS A RED LINE WHEN DETERMINING VERTICAL INTERCHANGEABILITY.

NOTE: IN ALL CASES WHERE COM. INST'S ARE USED, WHEN THE SUPPLY BECOMES EXHAUSTED, ARMY OR AN ST. INST. WILL BE USED. FRONT MOUNTED INST. MAY BE REPLACED BY ARMY & AN ST. BY DRILLING THE LOCK NUTS USING A #19 DRILL AND 8/32" MOUNTING SCREWS. "CAUTION" SHOULD BE USED WHILE DRILLING TO PREVENT BREAKING CORNERS.

DESCRIPTION	VENDOR	PART NO.	TYPE	HEAVY BOMBERS: B-17E BO	B-17F BO	B-17F DO	B-17F VE	B-17G DO	B-24D CO	B-24E CO	B-24E DO	B-24E FO	B-24G NA	B-24H FO	B-24H CO	B-24H DO	MEDIUM BOMBERS: B-25C NA	B-25D NA	B-25G NA	B-25H NA	B-26B MA	B-26B1 MA	B-26C MA	B-34 VE	LIGHT BOMBERS: A-20B DO	A-20C BO	A-20C DO	A-20G DO	A-24A DO	A-24B DO	A-25A CU	A-28A LO	A-29 LO	A-29A LO	A-30A MA	A-35A VU	A-35B VU	A-36A NA	FIGHTERS: P-38E LO	P-38F LO	P-38G LO	P-38H LO	P-38J LO	P-38K LO	P-39D BE	P-39F BE	P-39K BE
CONTINUED																																															
THERMOMETER ASSY FREE AIR																																															
RANGE -45° TO -45° 24 VOLT	WESTON	102138	C-11	X	X	X	X										X	X	X	X	X	X	X		X			X								X	X		X	X	X						
" " " 12 VOLT	WESTON	102134	C-12																																												
THERMOMETER ASSY UNIVERSAL TYPE																																															
RANGE -70 TO 150°C 12 & 24 VOLT	EDISON	33204 (*)	AN 5790-6	X	X	X	X		X	X	X	X					X	X	X	X	X	X	X		X			X			X					X	X	X	X	X	X	X				
" " " " "	WESTINGHOUSE	1163617 (*)	AN 5790-6	X	X	X	X		X	X	X	X					X	X	X	X	X	X	X		X			X			X					X	X	X	X	X	X	X				
" " " " "	WESTON	110077 (*)	AN 5790-6	X	X	X	X		X	X	X	X					X	X	X	X	X	X	X		X			X			X					X	X	X	X	X	X	X				
" " " " "	MOTO METER	10283A (*)	AN 5790-6	X	X	X	X		X	X	X	X					X	X	X	X	X	X	X		X			X			X					X	X	X	X	X	X	X				
CLASS 05-C																																															
THERMOMETER ASSY FREE AIR																																															
RANGE -60 TO +50°C	WESTON	96200	C-13		X	X	X		X	X	X	X	X	X	X	X	X	X	X			X	X	X											X											
" " " "	OHIO THERM. CO	A-261	C-13A		X	X	X		X	X	X	X	X	X	X	X	X	X	X			X	X	X											X											
" " " "	ROCHESTER MANUF. CO.	1585	C-13A		X	X	X		X	X	X	X	X	X	X	X	X	X	X			X	X	X											X											
CLASS 05-D																																															
THERMOMETER ASSY OIL																																															
RANGE 0-100°C 12 VOLT (SINGLE)	WESTON	606-109	COML																																											
" " 24 VOLT "	WESTON	606-87P	COML																					X							X	X	X												
" " " " "	WESTON	606-187	COML																																											
" " " " "		6642418	COML																																											
CLASS 05-C																																															
THERMOMETER ASSY - UNIVERSAL TYPE																																															
(SINGLE) RANGE -70°C TO +150°C 12 & 24 VOLT	EDISON	33204 (*)	AN 5790-6	X	X	X	X		X	X	X	X					X	X	X	X	X	X	X	X	X	X	X	X			X	X	X	X		X	X	X	X	X	X		X	X	X
" " " " "	WESTINGHOUSE	1163617 (*)	AN 5790-6	X	X	X	X		X	X	X	X					X	X	X	X	X	X	X	X	X	X	X	X			X	X	X	X		X	X	X	X	X	X		X	X	X
" " " " "	WESTON	110077 (*)	AN 5790-6	X	X	X	X		X	X	X	X					X	X	X	X	X	X	X	X	X	X	X	X			X	X	X	X		X	X	X	X	X	X		X	X	X
" " " " "	MOTO METER	10283A (*)	AN 5790-6	X	X	X	X		X	X	X	X					X	X	X	X	X	X	X	X	X	X	X	X			X	X	X	X		X	X	X	X	X	X		X	X	X
(DUAL) RANGE 20°TO 120°C 24 VOLT	EDISON	33207	A-24		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X			X											X	X	X	X	X	X			
" " " "	HICKOK	60012	A-24		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X			X											X	X	X	X	X	X			
" " " "	"	60017	A-24		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X			X											X	X	X	X	X	X			
" " " "	WESTON	103107	A-24		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X			X											X	X	X	X	X	X			
" " " "	SUTTON HORSLEY	2213-7	A-24		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X			X											X	X	X	X	X	X			
" " " "	WESTON	635-28	COML																																												
THERMOMETER ASSY - UNIVERSAL TYPE																																															
(DUAL) RANGE -70°TO 150°C 12 & 24 VOLT	EDISON	33205 (*)	AN 5795-6		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X			X											X	X	X	X	X	X			
" " " "	MOTO METER	10284A (*)	AN 5795-6		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X			X											X	X	X	X	X	X			
" " " "	HICKOK	60015 (*)	AN 5795-6		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X			X											X	X	X	X	X	X			
" " " "	SUTTON HORSLEY	2213-9 (*)	AN 5795-6		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X			X											X	X	X	X	X	X			
" " " "	WESTINGHOUSE	1163618 (*)	AN 5795-6		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X			X											X	X	X	X	X	X			
" " " "	WESTON	110612 (*)	5795-6		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X			X											X	X	X	X	X	X			
CLASS 05-D																																															
THERMOMETER ASSY OIL AND COOLANT																																															
(SINGLE) RANGE 50°TO 150°C 24 VOLT		B20986	A-23																																				X						X	X	X
" " " "		108206	A-23																																				X						X	X	X
" " " "	WESTON	108260	A-23																																				X						X	X	X
" " " "	"	102116	A-23																																				X						X	X	X
" " " "	EDISON	33201	A-23																																				X						X	X	X
CLASS 05-D																																															
THERMOMETER ASSY OIL AND COOLANT CONT. NEXT PAGE																																															

REMARKS: LINE NUMBERS IN RED.
(*) (6, 7, 8, 9) UNIVERSAL TYPE, OIL. CARBURETOR MIXTURE AIR, COOLANT OR FREE AIR.
(*) (25, 26, 27, 28, 36, 37, 38, 39, 40, 41) UNIVERSAL TYPE, OIL. CARBURETOR MIXTURE AIR, COOLANT, OR FREE AIR.


FIGHTERS
CARGO
TRAINERS
P-39L BE
P-39M BE
P-39N BE
P-39Q BE
P-39J BE
P-40E CU
P-40F CU
P-40K CU
P-40L CU
P-40M CU
P-40N CU
RP-47B RE
P-47C RE
P-47D RE
P-47G CU
P-51 NA
P-51A NA
P-51B NA
P-51C NA
P-51D NA
P-61A NO
P-63A BE
UC-45 BH
C-46A CU
C-47 DO
C-47A DO
C-53 DO
C-53D DO
C-54A DO
C-57D LO
C-60A LO
UC-61A FA
UC-64A ND
UC-78 CE
UC-78B CE
UC-78C CE
C-87 CO
AT-6A NA
AT-6B NA
AT-6C NA
AT-6D NA
AT-7 BH
AT-9 CU
AT-9A CU
AT-10 BH
AT-11 BH
AT-16 ND
AT-17 CE
AT-17A CE
AT-17B CE
AT-17C CE
AT-17D CE
AT-18 LO
AT-21-FA
BT-12 FL
BT-13A VU
BT-14 NA
BT-15 VU
PT-13B BO
PT-13D BO
PT-17 BO
PT-17A BO
PT-19A BO
PT-19A FA
PT-19B FA
PT-22 RY
PT-23 HO
PT-23 SL
PT-23 FL
PT-23 AE
PT-27 BO

REMARKS:

T. O. No. 00-25-29

VERTICAL INTERCHANGEABILITY BETWEEN RED LINES. DO NOT CROSS A RED LINE WHEN DETERMINING VERTICAL INTERCHANGEABILITY.

NOTE: IN ALL CASES WHERE COM. INST'S. ARE USED, WHEN THE SUPPLY BECOMES EXHAUSTED, ARMY OR AN ST. INST. WILL BE USED. FRONT MOUNTED INST. MAY BE REPLACED BY ARMY & AN ST. BY DRILLING THE LOCK NUTS USING A #19 DRILL AND 8/32" MOUNTING SCREWS. "CAUTION" SHOULD BE USED WHILE DRILLING TO PREVENT BREAKING CORNERS.

CLASS 05-D DESCRIPTION	VENDOR	PART NO.	TYPE	HEAVY BOMBERS: B-17E BO	B-17F BO	B-17F DO	B-17F VE	B-17G DO	B-24D CO	B-24E CO	B-24E DO	B-24E PO	B-24G NA	B-24H FO	B-24H CO	B-24H DO	B-26C NA	MEDIUM BOMBERS: B-25D NA	B-25G NA	B-25H NA	B-26B MA	B-26B1 MA	B-26C MA	RB-34 VE	LIGHT BOMBERS: A-20B DO	A-20C BO	A-20C DO	A-20G DO	A-24A DO	A-24B DO	A-25A CU	A-28A LO	A-29 LO	A-29A LO	A-30A MA	A-35A VU	A-35B VU	A-36A NA	FIGHTERS: P-38E LO	P-38F LO	P-38G LO	P-38H LO	P-38J LO	P-38K LO	P-39D BE	P-39F BE	P-39K BE
CONTINUED																																															
(SINGLE) RANGE -70° TO +150°C 12 & 24 VOLT	EDISON	33204	AN 5790-6 (*)	X	X	X	X	X	X	X	X	X					X	X	X	X	X	X	X	X			X			X						X	X	X		X	X	X	X	X	X		X	X	X
" " " " " " "	WESTINGHOUSE	1163617	AN 5790-6 (*)	X	X	X	X	X	X	X	X	X					X	X	X	X	X	X	X	X			X			X						X	X	X		X	X	X	X	X	X		X	X	X
" " " " " " "	WESTON	110077	AN 5790-6 (*)	X	X	X	X	X	X	X	X	X					X	X	X	X	X	X	X	X			X			X						X	X	X		X	X	X	X	X	X		X	X	X
" " " " " " "	MOTO METER	10283A	AN 5790-6 (*)	X	X	X	X	X	X	X	X	X					X	X	X	X	X	X	X	X			X			X						X	X	X		X	X	X	X	X	X		X	X	X
THER. ASSY - OIL AND COOLANT																																															
RANGE 50° TO 150°C 24 VOLT (DUAL)	EDISON	33400	A-25																																				X	X	X	X	X					
" " " " " " "	HICKOK	60016	A-25																																				X	X	X	X	X					
THERMOMETER ASSY - UNIVERSAL TYPE																																															
RANGE 70° TO 150°C 12 & 24 VOLT (DUAL)	EDISON	33205	AN 5795-6 (*)		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X			X			X							X	X	X	X	X	X	X				
" " " " " " " "	MOTO METER	10284A	AN 5795-6 (*)		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X			X			X							X	X	X	X	X	X	X				
" " " " " " " "	HICKOK	60015	AN 5795-6 (*)		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X			X			X							X	X	X	X	X	X	X				
" " " " " " " "	SUTTON HORSLEY	2213-9	AN 5795-6 (*)		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X			X			X							X	X	X	X	X	X	X				
" " " " " " " "	WESTINGHOUSE	1163616	AN 5795-6 (*)		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X			X			X							X	X	X	X	X	X	X				
" " " " " " "		110612	AN 5795-6 (*)		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	Y	X	X			X			X							X	X	X	X	X	X	X				
CLASS 05-D																																															
THERMOMETER ASSY - THERMOCOUPLE																																															
RANGE 0-350°C 2 OHM LEADS (SINGLE)	LEWIS	17AT	B-6																					X						X	X	X	X	X		X	X									
" " " " " "	WESTON	CD-72092	B-6																					X						X	X	X	X	X		X	X									
" " LIGHTED 1 WIRE 3 VOLT	LEWIS	17AT2	B-7																					X						X	X	X	X	X		X	X									
" " " " " " "	WESTON	D-86884	B-7																					X						X	X	X	X	X		X	X									
" " NOT LIGHTED	LEWIS	17AT48	B-9																					X						X	X	X	X	X		X	X									
" " " "	WESTON	102317	B-9																					X						X	X	X	X	X		X	X									
" " " -	DEJUR AMS. CO.	Z22-24	B-9																					X						X	X	X	X	X		X	X									
" " 2 OHM COPPER AND CONSTANTIN LEADS	WESTON	602-31	COML																					X								X	X	X												
CLASS 05-D																																															
THERMOMETER ASSY THERMOCOUPLE																																															
8' OHM LEADS (SINGLE) RANGE 0-TO-350°C LIGHTED 1 WIRE	WESTON	91946	B-8																						X	X																					
" " " " " " "	LEWIS	17AT5	B-8																						X	X																					
" " " " " " "	LEWIS	17AT7K	COML																						X	X																					
" " " " " " "	LEWIS	17AT7D	COML																						X	X																					
" " " " " " "	LEWIS	17AT10B	AN 5536-1																						X	X																					
" " " " NOT LIGHTED (DUAL)	LEWIS	76AT3	B-11	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X			X			X					X												
" " " " " " "	WESTON	102319	B-11	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X			X			X					X												
" " " " " " "	DEJOUR AMS. CO.	Z22-22	B-11	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X			X			X					X												
" " " " " " "	LEWIS	76AT3C	AN 5536-2	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X			X			X					X												
" " " " 3 OHM LEADS (SINGLE)	WESTON	602-98	COML																																												
" " " " " " "	LEWIS	17ATS3G	COML																																												
CLASS 05-D																																															
TRANSMITTER ASSY - POSITION FLAPS LDG GEAR TAIL OR NOSE WHEEL																																															
AND 10066 RECEPTACLE 4 PRONG 24 VOLT	WESTON	102183	A-2																			X	X	X			X									X	Y		X	X	X	X	X	X	X			
" " " " " " "	WESTON	106803	(*) A-2																			X	X	X			X									X	X		X	X	X	X	X	X	X			
" " " " " " "	G. E.	8TJ19AAA	(*) A-2																			X	X	X			X									X	X		X	X	X	X	X	X	X			
" " " " " " "	WESTON	108525	(*) A-3																			X	X	X			X									X	X		X	X	X	X	X	X	X			
" " " " " " "	G. E.	8TJ19AAF	(*) A-3																			X	X	X			X									X	X		X	X	X	X	X	X	X			
" " " " " " "	WESTON	108525	AN 5785-1																			X	X	X			X									X	X		X	X	X	X	X	X	X			
" " " " " " "	G. E.	8TJ19AAK	AN 5785-1																			X	X	X			X									X	X		X	X	X	X	X	X	X			
" " " " " " "	G. E.	8TJ19AAH	AN 5785-1																			X	X	X			X									X	X		X	X	X	X	X	X	X			
" " " " " " "	G. E.	8TJ19AAB	AN 5785-1																			X	X	X			X									X	X		X	X	X	X	X	X	X			
CONTINUED																																															

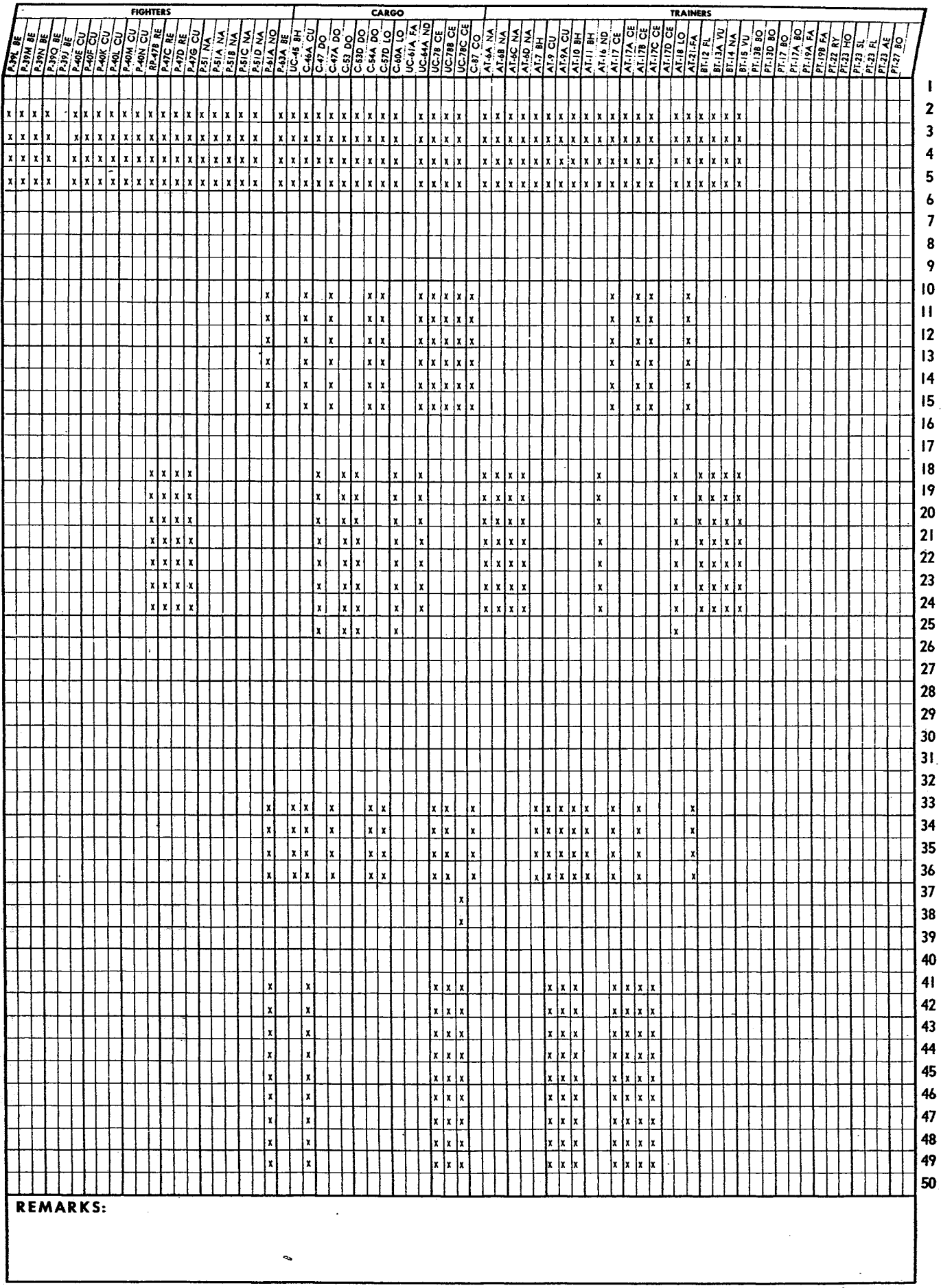
REMARKS: LINE NUMBERS IN RED.

(*) (2, 3, 4, 5, 10, 11, 12, 13, 14, 15) UNIVERSAL TYPE, OIL, CARBURETOR MIXTURE AIR, COOLANT OR FREE AIR.

(*) (20, 21) MAY REQUIRE PANEL MODIFICATION.

(*) (41) USE WITH INDICATOR 102182 OR 103357 ONLY.

(*) (42, 43, 44, 45) USE AN 5785-1 WHEN AVAILABLE.


FIGHTERS
CARGO
TRAINERS
P-39K BE
P-39M BE
P-39N BE
P-39Q BE
P-39J BE
P-40E CU
P-40F CU
P-40K CU
P-40L CU
P-40M CU
P-40N CU
RP-47B RE
P-47C RE
P-47D RE
P-47G CU
P-51 NA
P-51A NA
P-51B NA
P-51C NA
P-51D NA
P-61A ND
P-63A BE
UC-45 BH
C-46A CU
C-47 DO
C-47A DO
C-53 DO
C-53D DO
C-54A DO
C-57D LO
C-60A LO
UC-61A FA
UC-64A ND
UC-78 CE
UC-78B CE
UC-78C CE
C-87 CO
AT-6A NA
AT-6B NA
AT-6C NA
AT-6D NA
AT-7 BH
AT-9 CU
AT-9A CU
AT-10 BH
AT-11 BH
AT-16 ND
AT-17 CE
AT-17A CE
AT-17B CE
AT-17C CE
AT-17D CE
AT-18 LO
AT-21-FA
BT-12 FL
BT-13A VU
BT-14 NA
BT-15 VU
PT-13B BO
PT-13D BO
PT-17 BO
PT-17A BO
PT-19A FA
PT-19B FA
PT-22 RY
PT-23 HO
PT-23 SL
PT-23 FL
PT-23 AE
PT-27 BO

REMARKS:

VERTICAL INTERCHANGEABILITY BETWEEN RED LINES. DO NOT CROSS A RED LINE WHEN DETERMINING VERTICAL INTERCHANGEABILITY.

NOTE: IN ALL CASES WHERE COML INST'S ARE USED, WHEN THE SUPPLY BECOMES EXHAUSTED, ARMY OR AN ST. INST. WILL BE USED. PRES. MOUNTED INST. MAY BE REPLACED BY ARMY & AN ST. BY DRILLING THE LOCK NUTS USING A #19 DRILL AND 8/32" MOUNTING SCREWS. "PLASTIFORM" SHOULD BE USED WHILE DRILLING TO PREVENT BREAKING CORNERS.

	DESCRIPTION	VENDOR	PART NO.	TYPE	HEAVY BOMBERS																		MEDIUM BOMBERS										LIGHT BOMBERS																		FIGHTERS									
					B-17E BO	B-17F BO	B-17F DO	B-17F VE	B-17G DO	B-24D CO	B-24E CO	B-24E DO	B-24E FO	B-24G NA	B-24H FO	B-24H CO	B-24H DO	B-25C NA	B-25D NA	B-25G NA	B-25H NA	B-26B MA	B-26B1 MA	B-26C MA	RB-34 VE	A-20B DO	A-20C BO	A-20C DO	A-20G DO	A-24A DO	A-24B DO	A-28A CU	A-28A LO	A-29 LO	A-29A LO	A-30A MA	A-35A VU	A-35B VU	A-36A NA	P-38E LO	P-38F LO	P-38G LO	P-38H LO	P-38J LO	P-38K LO	P-39D BE	P-39E BE	P-39K BE									
1																																																										1
2	CONTINUED																																																								2
3	TRANSMITTER ASSY. POSITION FLAPS ~~LDG GEAR TAIL OR NOSE WHEEL~~ AND 10066 RECEPTACLE																																																									3
4	4 PRONG 24 VOLT	G. E.	BTJ9PAN	COML														X	X																																						4
5	" " " "	G. E.	BTJ9PXAN	COML														X	X																																						5
6	~~CLASS 05-C~~																																																							6
7	TUBE PITOT STATIC																																																							7
8	HORIZONTALLY MOUNTED 2 WIRE 12 VOLT	(*) KOLLSMAN	3690-01	C-7																																																				8
9	" " "	KOLLSMAN	3690-011	AN 5816-1																																																				9
10	" " 2 WIRE 24 VOLT	(*) KOLLSMAN	3690-02	D-1						X	X	X	X	X	X	X	X	X	X	X	X	X	X	X						X	X						X	X	X						X	X	X								10
11	" " "	MANNING BOMAN		D-1						X	X	X	X	X	X	X	X	X	X	X	X	X	X	X						X	X						X	X	X						X	X	X								11
12	" " "	WESTINGHOUSE	1214448	D-1						X	X	X	X	X	X	X	X	X	X	X	X	X	X	X						X	X						X	X	X						X	X	X								12
13	" " "	KOLLSMAN	3690-012	AN 5816-2						X	X	X	X	X	X	X	X	X	X	X	X	X	X	X						X	X						X	X	X						X	X	X								13
14	" " "	MANNING BOMAN		AN 5816-2						X	X	X	X	X	X	X	X	X	X	X	X	X	X	X						X	X						X	X	X						X	X	X								14
15	" " "	WESTINGHOUSE		AN 5816-2						X	X	X	X	X	X	X	X	X	X	X	X	X	X	X						X	X						X	X	X						X	X	X								15
16	~~CLASS 05-E~~																																																								16
17	~~VOLTMETER - ELECTRIC~~ RANGE 0-30 VOLT 12 & 24 VOLT SYSTEM	WESTON	90584	B-1	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X													X	X	X	X	X	X	X	X	X								17
18	" " " "	WESTON	92464	B-1	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X													X	X	X	X	X	X	X	X	X								18
19	" " " "	WESTINGHOUSE	1205853	B-1	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X													X	X	X	X	X	X	X	X	X								19
20	" " " "	HICKOK	6207	B-1	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X													X	X	X	X	X	X	X	X	X								20
21																																																									21
22	~~CLASS 05-D~~ TRANSMITTER ASSY. FUEL AND OIL PRESSURE																																																							22
23	" " " "	KING SEELY	32600	A-1			X		X	X								X		X		X	X					X		X																										23
24	" " " "	MINNEAPOLIS HONEYWELL	G100DAHCAI	A-1			X		X	X								X		X		X	X					X		X																										24
25	" " " "	ROCHESTER MFG CO.	2150	A-1			X		X	X								X		X		X	X					X		X																										25
26	" " " "	" "	2150	AN 5765			X		X	X								X		X		X	X					X		X																										26
27	" " " "	KING SEELY	326000	AN 5765			X		X	X								X		X		X	X					X		X																										27
28	" " " "	MINNEAPOLIS HONEYWELL	G100DAHCAI	AN 5765			X		X	X								X		X		X	X					X		X																										28
29																																																									29
30																																																									30
31																																																									31
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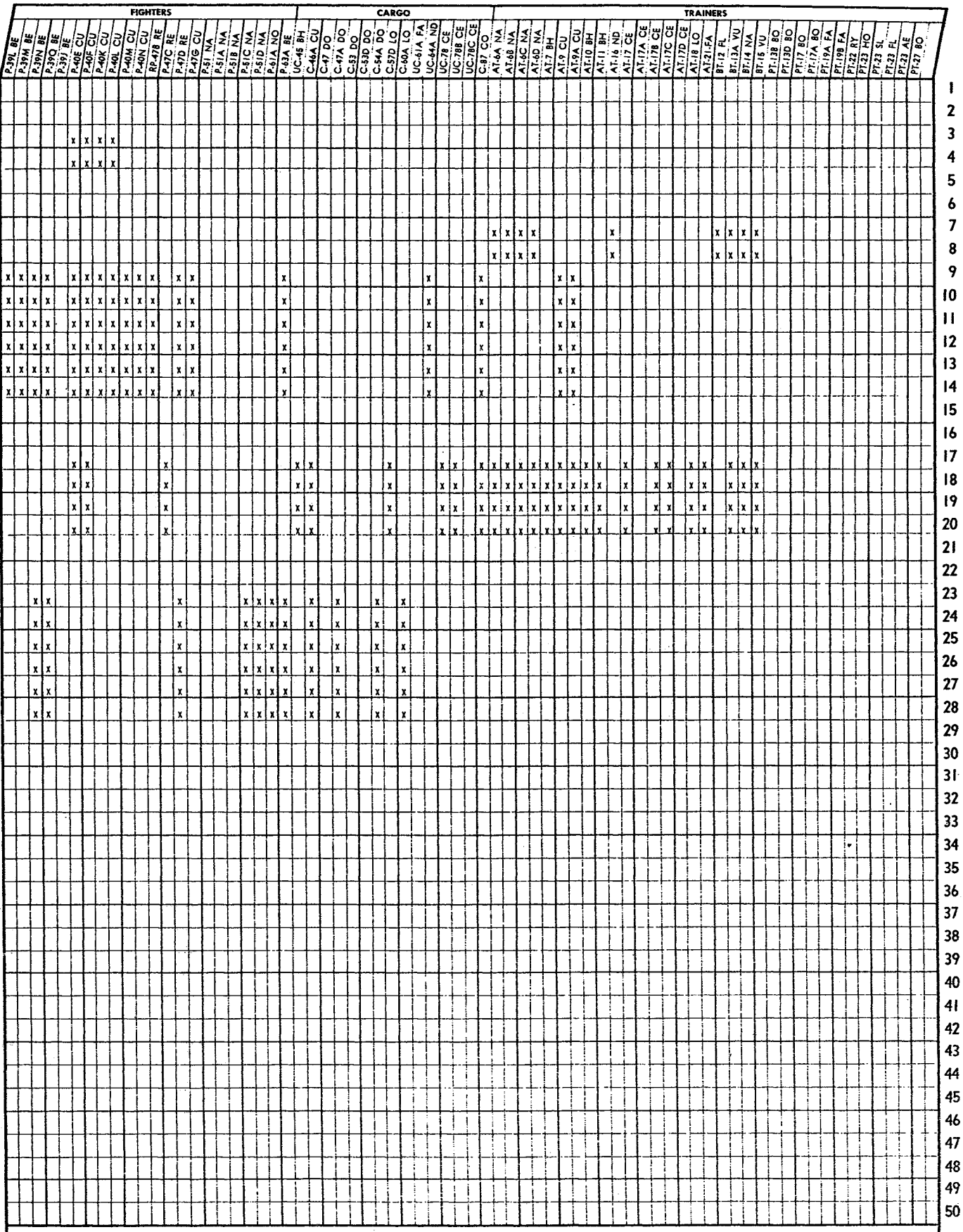
48																																																									48
49																																																									49
50																																																									50

REMARKS: (LIKE NUMBER IS REF.)

(*) (7) BRITISH REFERENCE NO. 106A/636.
(*) (8) BRITISH REFERENCE NO. 106A/344.


FIGHTERS
CARGO
TRAINERS
P-39L BE
P-39M BE
P-39N BE
P-39Q BE
P-39J BE
P-40E CU
P-40F CU
P-40K CU
P-40L CU
P-40M CU
P-40N CU
RP-47B RE
P-47C RE
P-47D RE
P-47G CU
P-51 NA
P-51A NA
P-51B NA
P-51C NA
P-51D NA
P-61A NO
P-63A BE
UC-45 BH
C-46A CU
C-47 DO
C-47A DO
C-53 DO
C-54A DO
C-54D LO
C-60A LO
UC-61A FA
UC-64A ND
UC-78 CE
UC-78B CE
UC-78C CE
C-87 CO
AT-6A NA
AT-6B NA
AT-6C NA
AT-6D NA
AT-7 BH
AT-9 CU
AT-9A CU
AT-10 BH
AT-11 BH
AT-16 ND
AT-17 CE
AT-17A CE
AT-17B CE
AT-17C CE
AT-17D CE
AT-18 LO
AT-21-FA
BT-12 PL
BT-13A VU
BT-14 NA
BT-15 VU
PT-13B BO
PT-13D BO
PT-17 BO
PT-17A BO
PT-19A FA
PT-19B FA
PT-22 RY
PT-23 HO
PT-23 SL
PT-23 FL
PT-23 AE
PT-27 BO

REMARKS:

MARTIN

VERTICAL INTERCHANGEABILITY BETWEEN RED LINES. DO NOT CROSS A RED LINE WHEN DETERMINING VERTICAL INTERCHANGEABILITY.

(o)-INDICATES ORIGINAL INSTALLATION.

LIAISON AND GLIDER MODELS

	CLASS 01 DESCRIPTION		VENDOR	PART NO.	TYPE
1	WING ASSY.				
2	WING ASSY. (COVERED)	L.H.	TAYLORCRAFT	D-A80-L	
3	" " "	L.H.	"	D-A839-L	
4	" " "	L.H.	"	DCO-A8407-L	
5	" " "	L.H.	"	DCO-A8702-L	
6	" " "	L.H.	"	G-A80-L	
7	" " "	L.H.	AERONCA	4-50-L	
8	" " "	L.H.	"	4-162-L	
9	" " "	L.H.	"	4-245-L	
10	" " "	L.H.	"	4-425-L	
11	" " "	L.H.	"	4-428-L	
12	" " "	L.H.	"	"GLIDER" 4-428-L	
13	" " "	L.H.	PIPER	10615	
14	" " "	L.H.	"	12344	
15	" " "	L.H.	"	13363	
16	" " "	L.H.	"	13363-2	
17	" " "	L.H.	STINSON	76-1230-0	
18	" " "	L.H.	"	10-12100L	
19	" " "	L.H.	INTERSTATE	DIB-2070	
20	" " "	R.H.	INTERSTATE	DIB-2070-1	
21	" " "	R.H.	TAYLORCRAFT	D-A80-R	
22	" " "	R.H.	"	D-A839-R	
23	" " "	R.H.	"	DCO-A8407-R	
24	" " "	R.H.	"	DCO-A8702-R	
25	" " "	R.H.	"	G-A80-R	
26	" " "	R.H.	AERONCA	4-50-R	
27	" " "	R.H.	"	4-162-L	
28	" " "	R.H.	"	4-245-L	
29	" " "	R.H.	"	4-425-L	
30	" " "	R.H.	"	4-428-L	
31	" " "	R.H.	"	"GLIDER" 4-428R	
32	" " "	R.H.	PIPER	10615-1	
33	" " "	R.H.	"	12344-1	
34	" " "	R.H.	"	13363-1	
35	" " "	R.H.	"	13363-3	
36	" " "	R.H.	STINSON	76-12302-1	
37	" " "	R.H.	"	10-12100R	
38	CLASS 01 AILERON				
39	AILERON (COVERED)	L.H.	TAYLORCRAFT	B-A804-L	
40	" "	L.H.	"	D-A881-L	
41	" "	L.H.	"	D-A8250-L	
42	" "	L.H.	AERONCA	3-54-L	
43	" "	L.H.	"	3-132-L	
44	" "	L.H.	"	3-211-L	
45	" "	L.H.	PIPER	10444	
46	" "	L.H.	"	11712	
47	" "	L.H.	"	12592	
48	" "	L.H.	STINSON	76-15000-0	
49	" "	L.H.	"	10-15100-L	
50	" "	L.H.	INTERSTATE	G-2309-6	

REMARKS: LINE NUMBERS IN RED.

(*) (4, 12, 16, 23, 31, 35) DISCONNECT SPOILER CONTROLS, SECURE AND BLOCK-OFF SPOILERS.

(*) (6) INSTALL 6 GALLON GAS TANK (TAYLORCRAFT PART NO. D-A345).

(*) (25) " " " " " (TAYLORCRAFT PART NO. A-344).

VERTICAL INTERCHANGEABILITY BETWEEN RED LINES. DO NOT CROSS A RED LINE WHEN DETERMINING VERTICAL INTERCHANGEABILITY.

(c) INDICATES ORIGINAL INSTALLATION

LIAISON AND GLIDER MODELS

L-2 TA · L-2A TA · L-2B TA · L-2C TA · L-2D TA · L-2E TA · L-2F TA · L-2G TA · L-2H TA · L-2J TA · L-2K TA · L-2L TA · L-2M TA · L-3 AE · L-3A AE · L-3B AE · L-3C AE · L-3D AE · L-3E AE · L-3F AE · L-3G AE · L-3H AE · L-3J AE · L-4 PI · L-4A PI · L-4B PI · L-4C PI · L-4D PI · L-4E PI · L-4F PI · L-4G PI · L-4H PI · L-5 VU · L-6 IN · L-9A VU · L-9B VU · TG-5 AE · TG-6 TA · TG-8 PI

	CLASS 01 DESCRIPTION	VENDOR	PART NO.	TYPE
1	AILERON			
2	AILERON (COVERED) RH	TAYLORCRAFT	B-A804-R	
3	" (") RH	"	D-A881-R	
4	" (") RH	"	D-A8250-R	
5	" (") RH	AERONCA	3-54-R	
6	" (") RH	"	3-132-R	
7	" (") RH	"	3-211-R	
8	" (") RH	PIPER	40444-1	
9	" (") RH	"	41712-1	
10	" (") RH	"	42592-1	
11	" (") RH	STINSON	76-15000-0	
12	" (") RH	"	10-15100-R	
13	" (") RH	INTERSTATE	G-2309-7	
14	CLASS 01 FLAP			
15	FLAP (COVERED) LH	STINSON	76-17000-0	
16	" (") LH	"	10-17100-L	
17	" (") LH	INTERSTATE	RIB-2501	
18	" (") RH	"	RIB-2501-1	
19	" (") RH	STINSON	76-17000-1	
20	" (") RH	"	10-17100-R	
21	CLASS 01 LIFT STRUT, ASSY. (FRONT)			
22	LIFT-STRUT, ASSY. (FRONT) LH OR RH	TAYLORCRAFT	D-A816	
23	" " " LH OR RH	"	A-A815	
24	" " " LH OR RH	PIPER	11483	
25	" " " LH OR RH	"	11313	
26	" " " LH OR RH	"	12363	
27	" " " LH OR RH	"	13233	
28	" " " LH OR RH	"	12542	
29	" " " LH -	STINSON	76-10001-0	
30	" " " - RH	"	76-10001-1	
31	" " " LH OR RH	"	10-10001-G	
32	" " " LH OR RH	"	10-10001-F	
33	" " " LH -	INTERSTATE	D-2279-7	
34	" " " LH OR RH	AERONCA	4-255	
35	" " " LH -	"	7-84L	(VEE)
36	" " " LH -	"	7-157L	(VEE)
37	" " " - RH	"	7-157R	(VEE)
38	" " " - RH	"	7-84R	(VEE)
39	" " " - RH	INTERSTATE	D-2279-7	
40	CLASS 01 LIFT STRUT ASSY. (REAR)			
41	LIFT-STRUT, ASSY. (REAR) LH OR RH	TAYLORCRAFT	D-A817	
42	" " " LH OR RH	"	A-A854	
43	" " " LH OR RH	AERONCA	4-259	
44	" " " LH OR RH	PIPER	11522	
45	" " " LH OR RH	"	11302	
46	" " " LH OR RH	"	12352	
47	" " " LH OR RH	"	11341	
48	" " " LH -	INTERSTATE	D-2281-6	
49	" " " - RH	"	D-2281-7	
50	LIFT STRUT ASS'Y (REAR) CONT.			

REMARKS: LINE NUMBERS IN RED.

(*) (31) FRONT STRUT PART NO. 10-10001-G TO BE USED IN COMBINATION WITH REAR STRUT PART NO. 10-10005-F.

(*) (32) FRONT STRUT PART NO 10-10001-F TO BE USED IN COMBINATION WITH REAR STRUT NO. 10-10005-E.

VERTICAL INTERCHANGEABILITY BETWEEN RED LINES. DO NOT CROSS A RED LINE WHEN DETERMINING VERTICAL INTERCHANGEABILITY.

(o) INDICATES ORIGINAL INSTALLATION.

	DESCRIPTION	VENDOR	PART NO.	TYPE
1	CLASS - 01 REAR STRUT - (REAR) CONTINUED			
2	" " " LH. --	STINSON	76-10002-0	
3	" " " -- RH.	"	76-10002-1	
4	" " " LH. OR RH.	"	10-10005-F	
5	" " " LH. OR RH.	"	10-10005-E	
6	CLASS - 01 JURY STRUT			
7	JURY STRUT LH. --	TAYLORCRAFT	D-A811-L	
8	" " LH. --	"	A-A827	
9	" " -- RH.	"	A-A817	
10	" " LH. --	"	DCO-A8707L	
11	" " -- RH.	"	DCO-A8707R	
12	" " -- RH.	"	D-A811-R	
13	" " (REAR SPAR) LH. OR RH.	"	G-A800	
14	" " --- LH. OR RH.	AERONCA	3-133	
15	" " --- LH. OR RH.	"	3-190	
16	" " --- LH. OR RH.	"	3-196	
17	" " (FRONT) LH. --	PIPER	12931	
18	" " " -- RH.	"	12571-2	
19	" " " LH. --	"	11563-4	
20	" " " -- RH.	"	11563-5	
21	" " " LH. --	"	11563-6	
22	" " " -- RH.	"	11563-7	
23	" " (REAR) LH. OR RH.	"	12571-3	
24	" " " LH. OR RH.	"	11581-2	
25	" " " LH. OR RH.	"	11581-3	
26	" " (SPACER TUBE) LH. OR RH.	"	12581	
27	" " (FRONT) LH. OR RH.	STINSON	76-10018	
28	" " (REAR) LH. OR RH.	"	76-10018	
29	" " (DRAG BRACE) LH. OR RH.	"	76-10035	
30	" " ------ LH. --	INTERSTATE	DIB-2051	
31	" " ------ -- RH.	"	DIB-2051-1	
32	CLASS - 01 RUDDER			
33	RUDDER (COVERED)	TAYLORCRAFT	A-A41	
34	" "	"	D-A41	
35	" "	AERONCA	3-60	
36	" "	"	3-195-1	
37	" "	"	3-297	
38	" "	PIPER	41733	
39	" "	"	42163	
40	" "	STINSON	76-24000	
41	" "	"	10-24100	
42	" "	INTERSTATE	DIB-3012	
43	CLASS - 01 VERTICAL FIN			
44	VERTICAL FIN (UNCOVERED)	TAYLORCRAFT	B-A43	
45	" " "	"	B12-A43	
46	" " "	"	D-A40	
47	" " "	"	G-A40	
48	" " "	PIPER	40592	
49	" " (COVERED)	STINSON	76-23000	
50				

LIAISON AND GLIDER MODELS

L-2 TA | L-2A TA | L-2B TA | L-2C TA | L-2D TA | L-2E TA | L-2F TA | L-2G TA | L-2H TA | L-2J TA | L-2K TA | L-2L TA | L-2M TA | L-3 AE | L-3A AE | L-3B AE | L-3C AE | L-3D AE | L-3E AE | L-3F AE | L-3G AE | L-3H AE | L-3J AE | L-4 PI | L-4A PI | L-4B PI | L-4C PI | L-4D PI | L-4E PI | L-4F PI | L-4G PI | L-4H PI | L-5 VU | L-6 IN | L-7A VU | L-9B VU | TG-5 AE | TG-9 TA | YG-1 PI

REMARKS: LINE NUMBERS IN RED.

(*) (6) REAR STRUT PART NO. 10-1005-F TO BE USED IN COMBINATION WITH FRONT STRUT PART NO. 10-10001-G.

(*) (8) REAR STRUT PART NO. 10-10005-E TO BE USED IN COMBINATION WITH FRONT STRUT, PART NO. 10-10001-F.

(*) (10) USE LONGER HOSE CONNECTION FOR STATIC TUBE.

(*) (17, 18, 21) HAS PITOT-HEAD, OTHERWISE SAME AS R.H.

VERTICAL INTERCHANGEABILITY BETWEEN RED LINES. DO NOT CROSS A RED LINE WHEN DETERMINING VERTICAL INTERCHANGEABILITY.

(o) - INDICATES ORIGINAL INSTALLATION.
(**) - UNDER (TYPE) - SEE NOTE - (BOTTOM PAGE)

LIAISON AND GLIDER MODELS

	DESCRIPTION	VENDOR	PART NO.	TYPE	L-2 TA	L-2A TA	L-2B TA	L-2C TA	L-2D TA	L-2E TA	L-2F TA	L-2G TA	L-2H TA	L-2J TA	L-2K TA	L-2L TA	L-2M TA	L-3 AE	L-3A AE	L-3B AE	L-3C AE	L-3D AE	L-3E AE	L-3F AE	L-3G AE	L-3H AE	L-3J AE	L-4 PI	L-4A PI	L-4B PI	L-4C PI	L-4D PI	L-4E PI	L-4F PI	L-4G PI	L-4H PI	L-5 VU	L-6 IN	L-9A VU	L-9B VU	TG-5 AE	TG-6 TA	TG-8 PI
1	CLASS - 01 STABILIZER																																									
2	STABILIZER (COVERED) LH —	TAYLORCRAFT	D-A44-L	(**)	o x	• x	• x	• x	o x	o x	o x	o x	o x	o x	o x	o x	• x																								o x		
3	" " LH —	"	D-A452	(**)	x	o x	o x	x	x	x	x	x	x	x	x	x	o x																								x		
4	" " — RH	"	D-A44-R	(**)	o x	• x	• x	o x	o x	o x	o x	o x	o x	o x	o x	o x	• x																								o x		
5	" " LH —	AERONCA	3-296L	(**)													o x																										
6	" " — RH	"	3-296R	(**)													o x																										
7	" " LH —	"	3-272-1L	(**)														o x	o x	o x	o x	o x	o x																				
8	" " — RH	"	3-272-1R	(**)														• x	• x	• x	• x	• x	• x																		x		
9	" " LH —	"	3-59L	(**)																				o x	o x	o x	o x																
10	" " — RH	"	3-59R	(**)																				o x	o x	o x	o x																
11	" " LH —	"	3-59-1	(**)																																				o x			
12	" " — RH	"	3-59-1	(**)															• x	• x	• x	• x	• x																	o x			
13	" " LH —	PIPER	41652																									o x	o x	o x	o x	o x		o x	o x	o x					o x		
14	" " — RH	"	41652-1																									o x	o x	o x	o x	o x		o x	o x	o x					o x		
15	" " LH —	"	491																													o x										
16	" " — RH	"	491-1																													o •										
17	" " LH —	INTERSTATE	DIB-3007	(**)																																	o x					
18	" " — RH	"	DIB-3007-1	(**)																																	o x					
19	" " (INTEGRAL)	STINSON	76-21000																																	o x					
20	" " "	"	10-21100																																			o x	o x			
21	CLASS - 01																																									
22	ELEVATORS																																									
23	ELEVATOR ASSY. (COVERED) LH —	TAYLORCRAFT	B-A41	(**)							o x	o x																															
24	" " " — RH	"	D-A41	(**)							o x	o x																															
25	" " " LH —	"	B12-A416	(**)									o x	o x	o x	o x																											
26	" " " — RH	"	B12-A416	(**)									o x	o x	o x	o x																											
27	" " " LH —	"	D-A42		o x	o x	o x	o x	o x	o x																														o x			
28	" " " LH —	"	D-A447			o x	o x										o x																										
29	" " " LH —	AERONCA	3-398															o •																									
30	" " " LH —	"	3-216-1																o x	o x	o x	o x	o x																	x		
31	" " " LH —	"	3-361-2L																x	o x	x	x	x																	o x		
32	" " " LH —	"	3-58																					o x	o x	o x	o x																
33	" " " LH —	PIPER	A-492-L																													o x										
34	" " " LH —	"	41692																									o x	o x	o x	o x	o x		o x	o x	o x					o x		
35	" " " — RH	"	41692-1																									o x	o x	o x	o x	o x		o x	o x	o x					o x		
36	" " " (INTEGRAL)	STINSON	76-22000																																	o x					
37	" " " "	"	10-22100																																			o x	o x			
38	" " " LH —	INTERSTATE	G-18-3005																																		o x					
39	" " " — RH	"	D-18-3006																																		o x					
40	" " " — RH	AERONCA	3-57-1															x	o x	o x	o x	o x	o x	o x	o x	o x	o x																
41	" " " — RH	"	3-295															o x	x	x	x	x	x	x	x	x	x																
42	" " " — RH	PIPER	A492-R																													o x										
43	" " " — RH	TAYLORCRAFT	D-A43		o x	o x	o x	o x	o x	o x							x																								o x		
44	" " " — RH	"	D-A450			o x	o x	o x									o x																										
45	CLASS - 01																																									
46	BRACE WIRE ASSY. TAIL-GROUP																																									
47	" " (FRONT-UPPER) LH OR RH	INTERSTATE	3032-2																																		o x					
48	" " (FRONT-LOWER) LH OR RH	"	A18-3032																																		o x					
49	" " (REAR-UPPER) LH OR RH	"	A-3073																																		o x					
50	" " (REAR-LOWER) LH OR RH	"	A-3076																																		o x					
	BRACE WIRE ASSY. TAIL GROUP CONT.																																									

REMARKS: LINE NUMBERS IN RED.
(**) (2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 17, 18, 23, 24, 25, 26) ADDITIONAL DRAIN GROMMETS REQUIRED WHEN INVERTED AND USED ON OPPOSITE SIDE.
(*) (2, 4) BOLT HOLES REQUIRED TO ACCOMODATE TAB CONTROL CABLE FITTING, WHEN USED ON LEFT SIDE.
(*) (8, 12, 16) RH STABILIZERS PART NOS. 3-272-1R, 3-59-1 AND 491-1 RECOMMENDED FOR RIGHT SIDE ONLY. (NO PROVISION FOR TAB-CONTROL CABLE).

VERTICAL INTERCHANGEABILITY BETWEEN RED LINES. DO NOT CROSS A RED LINE WHEN DETERMINING VERTICAL INTERCHANGEABILITY.

(o) INDICATES ORIGINAL INSTALLATION.

	CLASS 01 DESCRIPTION	VENDOR	PART NO.	TYPE
1	(TAIL - GROUP) (CONTINUED)			
2	BRACE WIRE (ASSY)			
3	BRACE-WIRE, ASSY (UPPER) LH OR RH	PIPER	41031-2	
4	" " (*) LH OR RH	"	486	
5	" " (*) LH OR RH	AERONCA	1-466-1	
6	" " (*) LH OR RH	TAYLORCRAFT	D-40	
7	" " (UPPER) LH OR RH	"	A-461	
8	" " (LOWER) LH OR RH	"	A-461	
9	" " (*) LH OR RH	"	A-4029	
10	" " (*) LH OR RH	AERONCA	1-466-2	
11	" " (*) LH OR RH	"	1-466-3	
12	" " (*) LH OR RH	PIPER	487	
13	" " (*) LH OR RH	"	41031-3	
14	CLASS 01			
15	LANDING - GEAR			
16	-VEE STRUT (AXLE) ASSY LH-	TAYLORCRAFT	B-A53L	
17	" " (*) " LH-	"	B-12-A50L	
18	" " (*) " LH-	"	D-A50L	
19	" " (*) " LH-	"	DCO-A525L	
20	-AXLE STRUT, ASSY LH-	AERONCA	3-127-L	
21	" " " LH-	"	3-1271-L	
22	-VEE ASSY, -(AXLE) LH-	PIPER	30452	
23	" " (*) LH-	"	31092	
24	" " (*) LH-	"	31463	
25	" " (*) LH-	"	A-33L	
26	-BEAM, - AXLE- LH-	STINSON	76-41100-0	
27	" " LH-	"	10-41100-L	
28	-AXLE STRUT, ASSY LH-	INTERSTATE	G18-5041	
29	" " " -RH	"	G18-5041-1	
30	-BEAM, - AXLE- -RH	STINSON	10-41100-R	
31	" " -RH	"	76-41100-1	
32	-VEE ASSY, -(AXLE) -RH	PIPER	A-33R	
33	" " " -RH	"	31463-1	
34	" " " -RH	"	31092-1	
35	" " " -RH	"	30452-1	
36	-AXLE STRUT ASSY -RH	AERONCA	3-1271R	
37	" " " -RH	"	3-127R	
38	-VEE STRUT (AXLE) ASSY -RH	TAYLORCRAFT	DCO-A52R	
39	" " (*) " -RH	"	D-A50R	
40	" " (*) " -RH	"	B12-A50R	
41	" " (*) " -RH	"	B-A53R	
42	-VEE ASSY - (CABANE)	PIPER	30473	
43	" " (*)	"	30602	
44	-AXLE (REMOVABLE) LH-	INTERSTATE	B-5077	
45	" (") -RH	"	B-5077	
46	" (") LH OR RH	STINSON	10-41114	
47	" (") LH OR RH	"	76-41126	
48	-HINGE - PIN LH OR RH	"	76-41111	
49	" " LH OR RH	"	10-41111	
50	LANDING GEAR CONT.			

LIAISON AND GLIDER MODELS

L-2 TA, L-2A TA, L-2B TA, L-2C TA, L-2D TA, L-2E TA, L-2F TA, L-2G TA, L-2H TA, L-2J TA, L-2K TA, L-2L TA, L-2M TA, L-3 AE, L-3A AE, L-3B AE, L-3C AE, L-3D AE, L-3E AE, L-3F AE, L-3G AE, L-3H AE, L-3J AE, L-4 PI, L-4A PI, L-4B PI, L-4C PI, L-4D PI, L-4E PI, L-4F PI, L-4G PI, L-4H PI, L-5 VU, L-6 IN, L-9A VU, L-9B VU, TG-5 AE, TG-6 TA, TG-8 PI

REMARKS: LINE NUMBERS IN RED.

(*) (7) UPPER BRACE WIRE ASSEMBLIES LH OR RH ON AIRPLANES L-2F,G,H,J,K, AND L-2L ARE INTERCHANGEABLE WITH LH OR RH LOWER BRACE WIRE ASSEMBLIES ON AIRPLANES AND GLIDERS DESIGNATED IN LINE 8.

(*) (8) LOWER BRACE WIRE ASSEMBLIES LH OR RH ON AIRPLANES L-2, A,B,C,D,E,M, AND GLIDER TG-6 ARE INTERCHANGEABLE WITH LH OR RH UPPER BRACE WIRE ASSEMBLIES ON AIRPLANES DESIGNATED IN LINE 7.

(•) (24,33) Insert 5/16" I.D. bushing where applicable.

VERTICAL INTERCHANGEABILITY BETWEEN RED LINES. DO NOT CROSS A RED LINE WHEN DETERMINING VERTICAL INTERCHANGEABILITY.

(o) INDICATES ORIGINAL INSTALLATION

CLASS 01 DESCRIPTION	VENDOR	PART NO.	TYPE	L-2 TA	L-2A TA	L-2B TA	L-2C TA	L-2D TA	L-2E TA	L-2F TA	L-2G TA	L-2H TA	L-2J TA	L-2K TA	L-2L TA	L-2M TA	L-3 AE	L-3A AE	L-3B AE	L-3C AE	L-3D AE	L-3E AE	L-3F AE	L-3G AE	L-3H AE	L-3J AE	L-4 PI	L-4A PI	L-4B PI	L-4C PI	L-4D PI	L-4E PI	L-4F PI	L-4G PI	L-4H PI	L-5 VU	L-6 IN	L-9A VU	L-9B VU	TG-5 AE	TG-6 TA	TG-8 PI
LANDING GEAR CONT.																																									
LANDING GEAR-																																									
-SHOCK TIE-STRUT ASSY LH OR RH	TAYLORCRAFT	D-A52		o X	X	X	o X	o X	o X							X																									
" " " " LH OR RH	"	DCO-A526		X	o X	o X	X	X	X							X																									
" " " " LH OR RH	"	DCO-A571		X	X	X	X	X	X							o X																									
-SHOCK STRUT ASSY LH OR RH	PIPER	30462																														o X	o X									
" " " LH OR RH	"	30592																								o X	o X	o X	o X	o X	o X											
" " " LH OR RH	"	31423																																o X								
-OLEO STRUT ASSY LH-	"	30323 L																													o X											
" " " -RH	"	30323 R																													o X											
" " " LH OR RH	AERONCA	4-17																					o X	o X																		
" " " LH-	"	4-244 L															o X	o X	o X	o X	o X																					
" " " -RH	"	4-244 R															o X	o X	o X	o X	o X																					
" " " LH-	"	4-141 L														o X								o X	o X																	
" " " -RH	"	4-141 R														o X								o X	o X																	
" " " LH OR RH	STINSON	76-41113																																		o X						
" " " LH OR RH	"	10-41113																																			o X	o X			
" " " (INTEGRAL)	INTERSTATE	D18-5029-500																																		o X					
CLASS 04 B																																								
-CORD. SHOCK-(RINGS)																																								
(9"ID X 9/16") RING. LH OR RH	TAYLORCRAFT	B-96								o X	o X																														
(") " LH OR RH	RUSCO	9090								o X	o X																														
(10"ID X 9/16") " LH OR RH	TAYLORCRAFT	B12-902										o X	o X	o X	o X																										
(9 1/4ID X 11/16) " LH OR RH	"	D-58		o X	o X	o X	o X	o X	o X							o X																									
(") " LH OR RH	RUSCO	82570A		o X	o X	o X	o X	o X	o X							o X																									
(7 1/4"ID X 11/16)" LH OR RH	PIPER	30462-2																								o X	o X	o X	o X	o X	o X		o X	o X							
(8"ID X 3/4") " LH OR RH	"	31322																																o X								
CLASS 03 B																																								
WHEELS & BRAKES																																								
-WHEEL & BRAKE ASSY LH-	SHINN-FIRESTONE	6C4H8-66-LEFT		o X	o X	o X	o X	o X	o X							o X																								o X	
" & " " LH-	" "	6C4H8-65-LEFT								o X	o X	o X	o X	o X	o X																										
" & " " LH-	" "	6C5H8-LEFT															o X	o X	o X	o X	o X	o X			o X	o X															
" & " " LH-	" "	6C5YB-LEFT															X	X	X	X	X	X			X	X															
" & " " LH-	VAN SICKLE-C.A.P. CO.	C-49000 L															o X	o X	o X	o X	o X	o X			o X	o X															
" & " " LH-	"	MBA-39000L																					o X	o X															o X		
" & " " LH-	SHINN-FIRESTONE	6C5YFB-LEFT																																		o X					
" & " " LH-	HAYES	841																								X	X	X	X	X	X	X	X	X	X						
" & " " -RH	"	841																								X	X	X	X	X	X	X	X	X	X						
" & " " -RH	SHINN-FIRESTONE	6C5YFB-RIGHT																																		o X					
" & " " -RH	VAN SICKLE-C.A.P. CO.	MBA-39000R																					o X	o X															o X		
" & " " -RH	"	C-49000 R															o X	o X	o X	o X	o X	o X			o X	o X															
" & " " -RH	SHINN-FIRESTONE	6C5YB-RIGHT															X	X	X	X	X	X			X	X															
" & " " -RH	" "	6C5H8-RIGHT															o X	o X	o X	o X	o X	o X			o X	o X															
" & " " -RH	" "	6C4H8-65-RIGHT								o X	o X	o X	o X	o X	o X																										
" & " " -RH	" "	6C4H8-66-RIGHT		o X	o X	o X	o X	o X	o X							o X																								o X	
" & " " (NO. D-3-210) & (NO. D-2-250)-RH	HAYES	D-3-210 & D-2-250																																		o X					
(") & (") LH	"	D-3-210 & D-2-250																																		o X					

REMARKS:

VERTICAL INTERCHANGEABILITY BETWEEN RED LINES. DO NOT CROSS A RED LINE WHEN DETERMINING VERTICAL INTERCHANGEABILITY.

(o) INDICATES ORIGINAL INSTALLATION

LIAISON AND GLIDER MODELS

	CLASS 03-6 DESCRIPTION	VENDOR	PART NO.	TYPE
1	(LANDING GEAR)			
2	WHEEL, ASSY.			
3	WHEEL (ONLY) ASSY. L.H. OR R.H.	SHINN-FIRESTONE	D-987	
4	" (ONLY) " L.H. OR R.H.	" "	2003	(**)
5	" (ONLY) " L.H. OR R.H.	" "	65A81	
6	" (ONLY) " L.H. OR R.H.	HAYES	03-13A	
7	" (ONLY) " L.H. OR R.H.	"	03-210	
8	" (ONLY) " L.H. OR R.H.	VAN SICKLE C.A.P. CO.	C-48500	(**)
9				
10	CLASS 04-6			
11	TIRES			
12	TIRE-SIZE 6.00 x 6 (2 PLY)			
13	" " 6.00 x 8 (4 PLY)			
14	" " 7.00 x 6 (4 PLY)			
15	" " 8.00 x 4 (4 PLY)			
16	" " 8.00 x 4 (2 PLY)			
17				
18	CLASS 04-8			
19	TUBE			
20	TUBE-SIZE 6.00 x 6			
21	" " 7.00 x 6			
22	" " 8.00 x 4			
23				
24	CLASS 03-8			
25	TAIL WHEEL			
26	TAIL WHEEL, ASSY.	HEATH	41-T-200	
27	" " "	"	42-T-10	
28	" " "	SCOTT	CST-12	
29	" " "		D-3-76	
30	" " "	B.C. MAULE	60 x 200	
31	" " "	"	MODEL A	
32	" " TIRE & TUBE 8"			
33	CLASS 01			
34	FUSELAGE			
35	FUSELAGE, ASSY. (COVERED)	STINSON	10-31000	
36	" " (")	"	76-30000	
37	" " (")	INTERSTATE	R18-1081	
38	" " (")	AERONCA	7-99	
39	" " (")	"	7-125	
40	" " (")	"	7-181	
41	" " (")	"	7-316	
42	" " (")	"	7-317	
43	" " (")	"	7-353	
44	" " (")	"	7-371	
45	" " (")	"	7-413	
46	" " (")	TAYLORCRAFT	D-A12	
47	" " (")	"	DCO-A1060	
48	" " (")	"	B-A120	
49	" " (")	"	B12-A116	
50	FUSELAGE CONT.			

REMARKS: LINE NUMBERS IN RED.

(**) (4) USED WITH SHINN-FIRESTONE BRAKE ASSY. NO. 6CA39-LEFT (OR) NO. 6CA39-RIGHT.

(**) (5) USED WITH VAN SICKLE (CLEVELAND AIRCRAFT PRODUCTS CO.) BRAKE ASSY. NO. B-47500L OR NO. B-47500R (USE AERONCA ADAPTER NO. 1-2037)

(*) (19) USE 7.00 X 6 TUBE

(*) (21) USED WITH 7.00 X 6 TIRE.

(*) (99) FOR 7/16" AXLE.

VERTICAL INTERCHANGEABILITY BETWEEN RED LINES. DO NOT CROSS A RED LINE WHEN DETERMINING VERTICAL INTERCHANGEABILITY.

(o) INDICATES ORIGINAL INSTALLATION

	CLASS - 01 DESCRIPTION	VENDOR	PART NO.	TYPE
1	CONTINUED			
2	FUSELAGE			
3	FUSELAGE, ASSY. (COVERED)	PIPER	23326	
4	" " (")	"	23544	
5	" " (")	"	23806	
6	" " (")	"	23876	
7	" " (")	"	FUSELAGE ASSY. COVD.	J-4E-75
8	" " (")	"	FUSELAGE ASSY. COVD.	J-5A
9				
10	CLASS - 01			
11	FUEL TANK			
12	MAIN-FUEL TANK (FUSELAGE)	TAYLORCRAFT	B-A35	
13	WING-TANK L.H.	"	D-A305 L	
14	" " L.H.	"	D-A343 L	
15	" " L.H.	"	D-A345 L	
16	CENTER-SECTION TANK	AERONCA	7-77	
17	" " "	"	7-77-1	
18	" " "	"	7-77-3	
19	" " "	"	7-115	
20	MAIN (FUSELAGE) TANK	PIPER	70723	
21	WING TANK R.H.	"	70145-13	
22	" " L.H.	STINSON	76-58020-0	
23	" " L.H.	"	10-58006 L	
24	" " L.H.	INTERSTATE	R1B-6011	
25	" " R.H.	"	R1B-6011-1	
26	" " R.H.	STINSON	10-58006 R	
27	" " R.H.	"	76-58020-1	
28	" " R.H.	TAYLORCRAFT	D-A344 R	
29	" " R.H.	"	D-A343 R	
30	" " R.H.	"	D-A305 R	
31	CLASS - 01			
32	HEADER TANK			
33	FUEL - (COLLECTOR-TANK)	TAYLORCRAFT	D-A306	
34	" - (HEADER-TANK)	AERONCA	7-86	
35	" (" ") 1. GAL.	PIPER	A7127	
36	" (" ") 7. GAL.	"	A7272	
37				
38	CLASS - 03J			
39	BATTERIES			
40	BATTERY 6 V.	READING	324-L	
41	" 6 V.	"	324-LD	
42	" 6 V.	"	333-LD	
43	" 6 V.	WILLARD	SYR-7-3	
44	" 12 V.	"	SYR-7-6	
45	" 12 V.	EXIDE	C-5A	
46	" 12 V.	READING	R-24	
47				
48				
49				
50				

LIAISON AND GLIDER MODELS

L-2 TA | L-2A TA | L-2B TA | L-2C TA | L-2D TA | L-2E TA | L-2F TA | L-2G TA | L-2H TA | L-2J TA | L-2K TA | L-2L TA | L-2M TA | L-3 AE | L-3A AE | L-3B AE | L-3C AE | L-3D AE | L-3E AE | L-3F AE | L-3G AE | L-3H AE | L-3J AE | L-4 PI | L-4A PI | L-4B PI | L-4C PI | L-4D PI | L-4E PI | L-4F PI | L-4G PI | L-4H PI | L-5 VU | L-6 IN | L-9A VU | L-9B VU | TG-5 AE | TG-6 TA | TG-8 PI

REMARKS:

VERTICAL INTERCHANGEABILITY BETWEEN RED LINES. DO NOT CROSS A RED LINE WHEN DETERMINING VERTICAL INTERCHANGEABILITY

(o) INDICATES ORIGINAL INSTALLATION

LIAISON AND GLIDER MODELS

	CLASS 02 DESCRIPTION	VENDOR	PART NO.	TYPE
1	POWER PLANT			
2	ENGINES			
3	ENGINE 4 CYL. (OPPOSED)	CONTINENTAL	O-170-3	
4	" " "	"	A-65-8	
5	" " "	"	A-65-8J	
6	" " "	"	A-65-7	
7	" " "	"	A-75-8	
8	" " "	"	A-75-9	
9	" " "	FRANKLIN	4AC-150	
10	" " "	"	4AC-176BA2	
11	" " "	"	4AC-17682	
12	" " "	"	4AC-199-K2	
13	" " "	"	O-200-5	
14	" " "	"	O-200-1	
15	" " "	"	4AC-199-E3	
16	" " "	LYCOMING	O-145-B1	
17	" " "	"	O-145-B2	
18	" " "	"	GO-145-75-C3	
19	" 6 CYL. "	"	O-435-1	
20	CLASS 03-A			
21	PROPELLERS			
22	PROPELLER	AAF.	43K-10107	
23	"	SENSENICH	72C-42	
24	"	"	72C-428	
25	"	"	72C-44	
26	"	"	70D-40	
27	"	"	70D-42	
28	"	"	70D-44	
29	"	"	72DF40	
30	"	"	72F-42	
31	"	"	72F-44	
32	"	"	70F-45	
33	"	"	70LY-32	
34	"	"	70LY-34	
35	"	"	70LY-36	
36	"	"	70LY-38	
37	"	"	78LY-52	
38	"	"	85LY-57	
39	"	"	85LY-58	
40	"	US. PROP.	76FGS-64	
41				
42	CLASS 03-H			
43	SPARK PLUGS			
44	SPARK PLUGS	B.G	SU-454	
45	" "	CHAMPION	12	
46	" "	"	C-26	
47	" "	"	AY-4	
48	" "	"	J-10	
49				
50	SPARK PLUGS CONT.			

REMARKS:

VERTICAL INTERCHANGEABILITY BETWEEN RED LINES. DO NOT CROSS A RED LINE WHEN DETERMINING VERTICAL INTERCHANGEABILITY.

(o) INDICATES ORIGINAL INSTALLATION.

LIAISON AND GLIDER MODELS

Line	CLASS 03-H DESCRIPTION	VENDOR	PART NO.	TYPE	L-2 TA	L-2A TA	L-2B TA	L-2C TA	L-2D TA	L-2E TA	L-2F TA	L-2G TA	L-2H TA	L-2J TA	L-2K TA	L-2L TA	L-2M TA	L-3 AE	L-3A AE	L-3B AE	L-3C AE	L-3D AE	L-3E AE	L-3F AE	L-3G AE	L-3H AE	L-3J AE	L-4 PI	L-4A PI	L-4B PI	L-4C PI	L-4D PI	L-4E PI	L-4F PI	L-4G PI	L-4H PI	L-5 VU	L-6 IN	L-9A VU	L-9B VU	TG-5 AE	TG-6 TA	TG-8 PI
1	CONTINUED																																										
2	SPARK PLUGS																																										
3	- SPARK PLUGS (SHIELDED)	CHAMPION	C-26S		* X	* X	* X	* X					* X				* X	* X	* X	* X	* X		* X	* X			* X	* X	* X	* X			* X	* X		* X							
4	" " "		LM3-1S		* X	* X	* X	* X					* X				* X	* X	* X	* X	* X		* X	* X			* X	* X	* X	* X			* X	* X		* X							
5	" " "		C-10-S									X				X																											
6	" " "	A.C.	AC-SS87																																		o X						
7	CLASS 03-C																																										
8	STARTER																																										
9	STARTER	ECLIPSE	E-76103	E-80																													X	X									
10	"	"	MODEL 50	50																																	o X						
11	"	DELCO-REMY	119651																																			X	X	X			
12	"	AUTO-LITE	MBG-4011																																			o X	o X	o X			
13	CLASS 03-C																																										
14	GENERATORS																																										
15	GENERATOR (ENGINE DRIVEN)	ECLIPSE	E50183	307																																	o X						
16	" " "	AUTO-LITE	GDY-4106																																			o X	X	X			
17																																											
18	CLASS 03-H																																										
19	MAGNETO																																										
20	MAGNETO	SCINTILLA	10-19293-1	SF4R-8	o X	o X	o X	o X					o X				o X	o X	o X	o X	o X		o X	o X			o X	o X	o X	o X						o X							
21	"	"	10-15776-6	SF4LN-8					o X		o X			o X											o X	o X					o X		o X	o X	o X								
22	"	"		SF4R9												X																											
23	"	"	10-22580-3	SF6LN-8																																	o X						
24	"	"	10-22580-3	SF6L-8																																	o X						
25	"	J.I. CASE	CAM-4	CAM-4	* X	* X	* X	* X									* X	* X	* X	* X	* X		* X	* X			* X	* X	* X	* X						* X							
26	"	EISEMANN	AM4-CLW													o X																											
27	"	"	AM4							o X		o X			o X							o X										o X						X	o X	o X			
28	" (SHIELDED)	SCINTILLA	10-19293-2	SF4R-8	X	X	X	X					X				X	X	X	X	X		X	X			X	X	X	X						X							
29	" "	"	10-16776-7	SF4LN-8					X		X			X											X	X					X		X	X	X								
30	" "	EISEMANN	24649	LA4						* X		* X			* X							* X										* X						* X	* X	* X			
31	" "	"	24650	LA4						* X		* X			* X							* X										* X						* X	* X	* X			
32	" "	"	24671	LA4						* X		* X			* X							* X										* X						* X	* X	* X			
33	" "	"	24672	LA4						* X		* X			* X							* X										* X						* X	* X	* X			
34																																											
35	CLASS 03-D																																										
36	CARBURETOR																																										
37	CARBURETOR - (MODEL NA-53)	STROMBERG	A-30150-2																																								
38	" (" NA53A1)	"	A-18033A-3		o X	o X	o X	o X					o X				o X	o X	o X	o X	o X		o X	o X			o X	o X	o X	o X			o X	o X		o X							
39	" (" NA52)	"	A-30158-2						o X		o X			o X											o X	o X					o X												
40	" (" MA-2)	MARVEL-SCHEBLER	10-2065						o X		o X			o X											o X	o X					o X												
41	" (" MA-3)	" "	10-1997									o X				o X																											
42	" (" ")	" "	10-2098																																								
43	" (" ")	" "	10-2153							o X					o X							o X										o X											
44	" (" MA-3A)	" "	10-2302																																				o X	o X			
45	" (" MA-3P)	" "	10-2416																													o X											
46	" (" MA-3SPA)	" "	10-2482																																			o X					
47	" (" ")	" "	10-2539																																								
48	" (" MA3-SPAA)	" "	10-2535																																								
49	" (" MA-4SPA)	" "	10-2356																																		o X						
50																																											

REMARKS: LINE NUMBERS IN RED.

* (3) TO BE USED WITH B.G. ELBOW NO. 530.
* (4) TO BE USED WITH B.G. ELBOW NO. 385.
* (25) FOR WINTERIZATION - USE ON R.H. SIDE.
* (30) L.H. (ONLY) ON FRANKLIN ENG. AF. NO. 43-5847 TO 43-5859 INC.
* (31) R.H. (ONLY) " " " " " 43-5847 TO 43-5859 INC.
* (32) L.H. (ONLY) ON FRANKLIN ENG. AF. NO. 43-860 AND ABOVE.
* (33) R.H. (ONLY) " " " " " 43-860 " "

VERTICAL INTERCHANGEABILITY BETWEEN RED LINES. DO NOT CROSS A RED LINE WHEN DETERMINING VERTICAL INTERCHANGEABILITY

(o) INDICATES ORIGINAL INSTALLATION

	CLASS 03-C DESCRIPTION		VENDOR	PART NO.	TYPE
1					
2	GENERATORS				
3	GENERATOR (WIND-DRIVEN)	6V.	G. ARMATURE	AG-40	
4	" "	6V.	"	AG-40E	
5	" "	6V.	CHAMPION PRODUCTS	M612	
6	" "	6V.	LEAR	1030A	
7	" (ENGINE-DRIVEN)	12V.	ECLIPSE	E50183	307
8	" (" ")	12V.	AUTO-LITE	GDY-4106	
9					
10	CLASS 03-C				
11	SWITCHES				
12	GENERATOR-CONTROL SWITCH		G. ARMATURE	2050	
13	" " "		"	1724	
14	" " "		TAYLOR-CRAFT	D-9017	
15					
16	MASTER SWITCH		G. ARMATURE	1735	
17	" "		NEWARK-ELECTRICAL	A1077	
18	" "		TAYLOR-CRAFT	D-9018	
19	" "		INTERSTATE	D1B-8111	
20					
21	IGNITION SWITCH		BRIGGS & STRATTON	40928	
22	" "		AERONCA	1-925-3	
23	" "		AERONCA	1-1499	
24	" "		BRIGGS & STRATTON	50248X	
25	" "		"	A-9	
26					
27	[illegible]				
28	[illegible]				
29	ENGINE MOUNT, ASSY		TAYLOR-CRAFT	DC-A639	
30	" " "		"	BL-A164	
31	" " "		"	DF-A612	
32	" " "		"	BF-A130	
33	" " "		"	BC65-A157	
34	" " "		AERONCA	4-152	
35	" " "		"	4-216	
36	" " "		"	4-101	
37	" " "			4-135	
38	" " "			4-153	
39	" " "		PIPER	71163	
40	" " "		"	74234	
41	" " "			74224	
42	" " "			4259	
43	" " "			A276	
44	" " "			A299	
45	" " "		STINSON	76-59000	
46	" " "		"	10-33012	
47	" " "		"	10-33000	
48	" " "		INTERSTATE	R1B-5003	
49					
50					

LIAISON AND GLIDER MODELS

L-2 TA	L-2A TA	L-2B TA	L-2C TA	L-2D TA	L-2E TA	L-2F TA	L-2G TA	L-2H TA	L-2J TA	L-2K TA	L-2L TA	L-2M TA	L-3 AE	L-3A AE	L-3B AE	L-3C AE	L-3D AE	L-3E AE	L-3F AE	L-3G AE	L-3H AE	L-3J AE	L-4 PI	L-4A PI	L-4B PI	L-4C PI	L-4D PI	L-4E PI	L-4F PI	L-4G PI	L-4H PI	L-5 VU	L-6 IN	L-9A VU	L-9B VU	TG-5 AE	TG-6 TA	TG-8 PI
	X	X										X	o X	o X	o X								X	X	X	X	X	X	X	X							
X																							o X	o X	o X	o X	o X	o X	o X	o X							
	o X	o X										o X																										
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	X											X											X	o X	X	X	X	o X	o X	o X	o X							
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REMARKS:

VERTICAL INTERCHANGEABILITY BETWEEN RED LINES. DO NOT CROSS A RED LINE WHEN DETERMINING VERTICAL INTERCHANGEABILITY.

(o) INDICATES ORIGINAL INSTALLATION

LIAISON AND GLIDER MODELS

DESCRIPTION	VENDOR	PART NO.	TYPE	L-2 TA	L-2A TA	L-2B TA	L-2C TA	L-2D TA	L-2E TA	L-2F TA	L-2G TA	L-2H TA	L-2J TA	L-2K TA	L-2L TA	L-2M TA	L-3 AE	L-3A AE	L-3B AE	L-3C AE	L-3D AE	L-3E AE	L-3F AE	L-3G AE	L-3H AE	L-3J AE	L-4 PI	L-4A PI	L-4B PI	L-4C PI	L-4D PI	L-4E PI	L-4F PI	L-4G PI	L-4H PI	L-5 VU	L-6 IN	L-9A VU	L-9B VU	TG-5 AE	TG-4 TA	TG-4 PI
INSTRUMENT-GROUP																																										
CLASS 05-C																																									
ALTIMETER																																									
ALTIMETER	US. GAUGE	AD7876		o x	o x	o x	o x	o x	o x	o x	o x	o x	o x	o x	o x																									o x		
"	" "	AN2-3/4-32	B12													o x	o x	o x	o x	o x	o x	o x	o x	o x	o x	o x									o x					o x		
"	AEROMARINE	528																									o x	o x	o x	o x	o x	o x	o x	o x							o x	
"	PIONEER	1554-2J-A	C-14																																o x								
"	"	1853-1B-A																																		o x							
"	KOLLSMAN	371K-05	C-13																																x								
CLASS 05-C																																										
AIR SPEED INDICATOR																																										
AIR SPEED INDICATOR	US. GAUGE	AD7874		o x		o x	o x	o x	o x	o x	o x	o x	o x	o x	o x																				•					o x		
" " "	PIONEER	1426-2J-A1	B-8		o x											o x	x	x	x	x	x	x	x	x	x	x									o x	o x						
" " "	US. GAUGE	AN2-3/4-16B															o x	o x	o x	o x	o x	o x	o x	o x	o x	o x														o x		
" " "	AEROMARINE	548																									o x	o x	o x	o x	o x	o x	o x	o x							o x	
" " "	US. GAUGE	1557	C-1A																																	o x							
CLASS 05-D																																										
AMMETER																																										
AMMETER	WESTON	354																									o x															
"	"	C-48																																	o x							
"	US. GAUGE	20-20																																		o x						
" (VOLTAGE INDICATOR)	GENERAL-ARMATURE	1634														o x			o x							x	x	x	x	x	x	x	x	o x					x		
" " "	READ-RITE INSTRUMENT	220			x																																					
" (GENOMETER)	AVIATION PRODUCTS	A-1101			o x											o x																										
CLASS 05-C																																										
BANK & TURN																																										
BANK & TURN INDICATOR	PIONEER	1700-1A																																	x	x						
" " "	"	1718-1A-A1																																	x	o x						
" " "	"	5820-1																																	x	x						
" " "	"	1718-2S-A2	A-8																																o x							
CLASS 05-C																																										
COMPASS																																										
COMPASS	AIRPATH	D-979		o x	x	o x	o x	o x	o x	o x	o x	o x	o x	o x	o x	x											o x													o x		
"	"	61	61																								x	o x	o x	o x	o x	o x	o x	o x							o x	
"	"	61-U																																		o x							
"	"	1818-1A	B16	o x												o x	o x	o x	x	o x	o x	o x	o x	o x	o x	o x									x	x	x	x		o x			
"	PIONEER	1818-4A	B16		o x											o x			o x																o x	o x	o x	o x					
CLASS 05-C																																										
CLOCKS																																										
CLOCK	WALTHAM	22809																																	o x							
"	ELGIN	1776																																	x							
"	PIONEER	3310-2																																	x	o x						
CLASS 05-D																																										
OIL TEMPERATURE																																										
OIL TEMPERATURE GAUGE	US. GAUGE	AM-2-53-A		o x	o x	o x	o x	o x	o x	o x	o x	o x	o x	o x	o x																											
" " "	"	AMI-7/8-206	A-20													o x	o x	o x	o x	o x	o x	o x	o x	o x																		
" TEMP. & PRESSURE (COMBINATION)	STEWART WARNER	100227																									o x	o x	o x	o x	o x	o x		o x	o x	o x	o x					

REMARKS:

VERTICAL INTERCHANGEABILITY BETWEEN RED LINES. DO NOT CROSS A RED LINE WHEN DETERMINING VERTICAL INTERCHANGEABILITY.

(c) INDICATES ORIGINAL INSTALLATION

LIAISON AND GLIDER MODELS

CLASS 6BD DESCRIPTION	VENDOR	PART NO.	TYPE	L-2 TA	L-2A TA	L-2B TA	L-2C TA	L-2D TA	L-2E TA	L-2F TA	L-2G TA	L-2H TA	L-2J TA	L-2K TA	L-2L TA	L-2M TA	L-3 AE	L-3A AE	L-3B AE	L-3C AE	L-3D AE	L-3E AE	L-3F AE	L-3G AE	L-3H AE	L-3J AE	L-4 PI	L-4A PI	L-4B PI	L-4C PI	L-4D PI	L-4E PI	L-4F PI	L-4G PI	L-4H PI	L-5 VU	L-6 IN	L-9A VU	L-9B VU	TG-5 AE	TG-6 TA	TG-8 PI
INSTRUMENT-GROUP CONTINUED																																										
OIL PRESSURE GAUGE																																										
OIL PRESSURE GAUGE	U.S. GAUGE	812-9084		o X	o X	o X	o X	o X	o X	o X	o X	o X	o X	o X	o X																											
" " "	"		B-8A		X											o X																				o X						
" " "	"	AWI-7/8-14H															o X	o X	o X	o X	o X	o X	o X	o X	o X	o X																
" " "	"	(0-120) 2050																																		o X						
" " (& TEMP.)	STEWART W.	100227																									o X	o X	o X	o X	o X	o X	o X	o X	o X							
CLASS 6BD																																										
TACHOMETER																																										
TACHOMETER	STEWART W.	557-GP		o X	o X	o X	o X	o X	o X	o X	o X	o X	o X	o X	o X																											
"	JAEGER	4770	C-11		X											o X																			o X	o X						
"	A.C.	157-5710															o X	o X	o X	o X	o X	o X			o X	o X																
"	STEWART W.	557-FP																					o X	o X												o X						
"	" "	557-EP																									o X	o X	o X	o X	o X	o X	o X	o X								
CLASS 6BD																																										
TACHOMETER-SHAFT																																										
TACHOMETER-SHAFT (LENGTH)																																										
" " (*) (42")	STEWART W.	63600		o X	o X	o X	o X	o X	o X	o X	o X	o X	o X	o X	o X																											
" " (*) (30")	" "	105800														o X																										
" " (*) (32 5/8")	" "	1-328-3																					o X	o X																		
" " (*) (31")	" "	63600																									o X	o X	o X	o X	o X											
" " (*) (34")	" "	63600																														o X										
" " (*) (39")	" "	63600																															o X	o X								
" " (*) (29 5/8")	A.C.	1-892-2															o X	o X	o X	o X	o X	o X			o X	o X																
" " (*) (30 1/8")	A.C.	2-650																	X																							
" " (*) (34")	S.S. WHITE	C-2140YA																																	o X							
" " (*) (24")	S.S. WHITE	AN-9205-2	A2																																	o X	o X					
CLASS 6BD																																										
RATE OF CLIMB																																										
RATE OF CLIMB	PIONEER	1610-1B																																			X					
" " "		1610-B-C1																																			o X					
CLASS 6BD																																										
PRIMER																																										
PRIMER	IMPERIAL	1570		o X	o X	X	o X	o X	o X	o X	o X	o X	o X	o X	o X	X																								o X		
"	LUNKEN-HEIMER	1664														o X	o X	o X	o X	o X	o X	o X	o X	o X	o X	o X																
"	" "	216																									o X	o X	o X	o X	o X	o X	o X	o X	o X							
"	" "	AN-890-11																																			o X					
"	SHAKESPEARE	3-A-52															X	X	X	X	X	X	X	X	X	X																
"	PARKER																																			o X						
CLASS 6BD																																										
PITOT HEAD																																										
PITOT HEAD	TAYLORCRAFT	B-7066		o X	o X	o X	o X	o X	o X	o X	o X	o X	o X	o X	o X	o X																										
" "	"	G-A74																																							o X	
" "	AERONCA	3-132															o X	o X	o X	o X	o X	o X	o X	o X	o X	o X														o X		
" "	PIPER	12931-2																									o X	o X	o X	o X	o X	o X	o X	o X	o X							o X

REMARKS: (LINE NUMBERS IN RED.)
(*) (10, 10, 20, 21, 22, 23, 24, 25, 26, & 27) -SPECIFY LENGTH TOGETHER WITH PART NO. WHEN ORDERING.

VERTICAL INTERCHANGEABILITY BETWEEN RED LINES. DO NOT CROSS A RED LINE WHEN DETERMINING VERTICAL INTERCHANGEABILITY

(o) INDICATES ORIGINAL INSTALLATION.

	CLASS 01 DESCRIPTION		VENDOR	PART NO.	TYPE
1					
2	FLIGHT CONTROL (ASSEMBLIES)				
3	-CABLE, AILERON TO CABIN, (INNER)		TAYLORCRAFT	D-A833	
4	- " , AILERON TO CABIN-		"	B-A202	
5	- " , AILERON CONTROL		AERONCA	2-92	
6	- " , " "		"	2-199-4	
7	- " , " "		"	2-118-4	
8	- " , " "		"	2-630-4	
9	- " , " "		"	2-199	
10	- " , " "		"	2-458	
11	- " , " "		"	2-618	
12	- " , " "			2-630	
13	- " , AILERON TO STICK-	LH.	PIPER	40123-28	
14	- " , " " "	RH.	"	40123-28	
15	- " , " " " (LONG)	LH.	"	40123-14	
16	- " , " " " (LONG)	RH.	"	40123-14	
17	- " , " " " (LONG)	LH.	"	40123-18	
18	- " , " " " (LONG)	RH.	"	40123-18	
19	- " , AILERON CONTROL-	LH.	STINSON	75-62311	
20	- " , " "	RH.	"	76-62311	
21	- " , " "	LH.	"	10-62308	
22	- " , " "	RH.	"	10-62308	
23	- " , " "	LH.	INTERSTATE	A1B-4061	
24	- " , " "	RH.	"	A1B-4061	
25	- " " " (OUTER) —		TAYLORCRAFT	D-A834	
26	- " , CABIN LOOP —		AERONCA	2-93-1	
27	- " , " "		"	2-199-2	
28	- " , " "		"	2-618-2	
29	- " , " "		"	2-630-2	
30	- " , AILERON TO STICK (SHORT)	LH.	PIPER	40123-15	
31	- " , " " " (SHORT)	RH.	"	40123-15	
32	- " , " " " (SHORT)	LH.	"	40123-21	
33	- " , " " " (SHORT)	RH.	"	40123-21	
34	-TUBE, " PUSH-PULL —	LH.	STINSON	75-62302	
35	- " , " " "	RH.	"	76-62302	
36	- " , " " "	LH.	"	10-62302	
37	- " , " " "	RH.	"	10-62302	
38	-CABLE, AILERON-BALANCE —	LH.	AERONCA	2-91L	
39	- " , " "	LH.	"	2-200L	
40	- " , " "	LH.	"	2-459L	
41	- " , " "	LH.	"	1-1009L	
42	- " , " "	LH.	"	1-2041L	
43	- " , " "	LH.	"	1-2077L	
44	- " , " "	LH.	PIPER	40123-3	
45	- " , " "	RH.	"	40123-3	
46	- " , " "	LH.	"	40123-12	
47	- " , " "	LH.	"	40123-18	
48	- " , " "	RH.	"	40123-18	
49	- " , " "	LH.	INTERSTATE	A1B-4069	
50	FLIGHT CONTROL ASSEMBLIES	CONT.			

LIAISON AND GLIDER MODELS

L-2 TA · L-2A TA · L-2B TA · L-2C TA · L-2D TA · L-2E TA · L-2F TA · L-2G TA · L-2H TA · L-2J TA · L-2K TA · L-2L TA · L-2M TA · L-3 AE · L-3A AE · L-3B AE · L-3C AE · L-3D AE · L-3E AE · L-3F AE · L-3G AE · L-3H AE · L-3J AE · L-4 PI · L-4A PI · L-4B PI · L-4C PI · L-4D PI · L-4E PI · L-4F PI · L-4G PI · L-4H PI · L-5 VU · L-6 IN · L-9A VU · L-9B VU · TG-5 AE · TG-6 TA · TG-8 PI

REMARKS:

VERTICAL INTERCHANGEABILITY BETWEEN RED LINES. DO NOT CROSS A RED LINE WHEN DETERMINING VERTICAL INTERCHANGEABILITY.

(o) INDICATES ORIGINAL INSTALLATION

LIAISON AND GLIDER MODELS

	DESCRIPTION	VENDOR	PART NO.	TYPE
1	[illegible]			
2	[illegible] CONTINUED			
3	[illegible]			
4	-CABLE, AILERON-BALANCE- (RH)	AERONCA	2-918R	
5	- " , " " (RH)	"	2-2008R	
6	- " , " " (RH)	"	2-459R	
7	- " , " " (RH)	"	1-1009R	
8	- " , " " (RH)	"	1-2041R	
9	- " , " " (RH)	"	1-2077R	
10	- " , " " (RH)	PIPER	40123-13	
11	- " , AILERON-CONNECTING-	"	40123-19	
12	- " , AILERON-BALANCE- (RH)	INTERSTATE	A1B-4070	
13	-SHAFT, " CONTROL TORQUE-	AERONCA	4-163	
14	- " , " " "	"	4-260	
15	- " , " " "	"	4-377	
16	[illegible]			
17	[illegible]			
18	-CABLE ASSY, ELEVATOR (UPPER)	TAYLORCRAFT	D-A25	
19	- " " , " (UPPER)	"	B-A28	
20	- " " , " (UPPER)	"	B12-A25	
21	- PUSH ROD, " CONTROL-	AERONCA	2-169	
22	- " " , " "	"	2-425	
23	-CABLE, ASSY, " " (UPPER)	PIPER	40123-5	
24	- " " , " " (UPPER)	"	40123-11	
25	- " " , " " (UPPER)	"	40123-22	
26	- " " , " " (UPPER)	INTERSTATE	A1B-4061	
27	-LINK-ROD ASSY, " " —	STINSON	76-52202	
28	-CABLE ASSY, " " (LOWER)	TAYLORCRAFT	D-A26	
29	- " " , " " (LOWER)	"	B-A29	
30	- " " , " " (LOWER)	"	B12-A26	
31	- " " , " " (LOWER)	PIPER	40123-6	
32	- " " , " " (LOWER)	"	40123-10	
33	- " " , " " (LOWER)	"	40123-23	
34	- " " , " " (LOWER)	INTERSTATE	B1B-4066	
35	[illegible]			
36	[illegible]			
37	-CABLE ASSY, RUD. TO RUD. PEDAL (LH)	TAYLORCRAFT	D-A27	
38	- " " , " " " " (RH)	"	D-A27	
39	- " " , " " " " (LH)	"	B-A27	
40	- " " , " " " " (RH)	"	B-A26	
41	- " " , " " " " (LH)	AERONCA	2-198	
42	- " " , " " " " (RH)	"	2-198	
43	- " " , " " " " (LH)	"	2-619	
44	- " " , " " " " (RH)	"	2-619	
45	- " " , " " " " (LH)	"	1-2078	
46	- " " , " " " " (RH)	"	1-2078	
47	- " " , " " " " (LH)	"	2-27	
48	- " " , " " " " (RH)	"	2-27	
49	- " " , " " " " (LH)	"	2-27-1	
50	- " " , " " " " (RH)	"	2-27-1	

REMARKS:

VERTICAL INTERCHANGEABILITY BETWEEN RED LINES. DO NOT CROSS A RED LINE WHEN DETERMINING VERTICAL INTERCHANGEABILITY.

(o) INDICATES ORIGINAL INSTALLATION.

LIAISON AND GLIDER MODELS

	CLASS 01 DESCRIPTION	VENDOR	PART NO.	TYPE
1	CABLE ASSYS. - (CONT.)			
2	FLIGHT CONTROL - (RUDDER)			
3	-CABLE, RUDDER TO RUD. PEDAL (LH)	PIPER	40123-2	
4	- " , " " " " (RH)	"	40123-2	
5	- " , " " " " (LH)	"	40123-9	
6	- " , " " " " (RH)	"	40123-9	
7	- " , " " " " (LH)	STINSON	76-62430	
8	- " , " " " " (RH)	"	76-62430	
9	- " , " " " " (LH)	"	10-62401	
10	- " , " " " " (RH)	"	10-62401	
11	- " , LINK TO RUD. PEDAL (LH)	INTERSTATE	A-9161	
12	- " , " " " " (RH)	"	A-9161	
13	- " , LINK TO RUDDER (LH)	"	A-9166	
14	- " , " " " (RH)	"	A-9166	
15	- " , FRONT TO R. RUD. PEDAL (LH)	"	A1B-4039	
16	- " , " " " " " (RH)	"	A1B-4039	
17	- " , " " " " " (LH)	STINSON	76-62428	
18	- " , " " " " " (RH)	"	76-62428	
19	- " , " " " " " (LH)	PIPER	40123-7	
20	- " , " " " " " (RH)	"	40123-7	
21	- " , " " " " " (LH)	AERONCA	2-197	
22	- " , " " " " " (RH)	"	2-197	
23	- " , " " " " " (LH)	"	2-631	
24	- " , " " " " " (RH)	"	2-631	
25	- " , " " " " " (LH)	"	1-2075	
26	- " , " " " " " (RH)	"	1-2075	
27	- " , " " " " " (LH)	TAYLORCRAFT	D-A28	
28	- " , " " " " " (RH)	"	D-A28	
29	- " , R. RUD. BAR TO TL. WH. (LH)	STINSON	76-62433	
30	- " , " " " " " (RH)	"	76-62433	
31	- " , LINK TO TL. WHEEL (LH)	INTERSTATE	B-1965	
32	- " , " " " " (RH)	"	B-1965	
33	CLASS 01			
34	STICK, (OR) WHEEL-CONTROL, SHAFT			
35	-STICK, CONTROL-- (FRONT)	AERONCA	2-276	
36	- " , " (FRONT)	"	2-639	
37	- " , " (FRONT)	"	2-479	
38	- " , " (FRONT)	"	2-167-1	
39	-SHAFT, WHEEL-CONTROL-- (LH)	"	1-480-1	
40	-STICK, CONTROL-- (FRONT)	STINSON	76-62108	
41	- " , " (FRONT)	INTERSTATE	B-4117	
42	- " , " (REAR)	"	B1B-4041	
43	- " , " (REAR)	STINSON	76-6210	
44	-SHAFT, WHEEL-CONTROL-- (RH)	AERONCA	1-480-2	
45	-STICK, CONTROL-- (REAR)	"	2-167-2	
46	- " , " (REAR)	"	2-273	
47	- " , " (REAR)	"	2-550	
48	- " , " (REAR)	"	2-638	
49	- " , " (REAR)	"	2-413	
50	- " " CONT.			

REMARKS: LINE NUMBERS IN RED.
* (19, 20, 21, 22, 23, 24, 25, 26, 27, & 28) USED- FROM CENTER TO REAR RUDDER PEDALS.

VERTICAL INTERCHANGEABILITY BETWEEN RED LINES. DO NOT CROSS A RED LINE WHEN DETERMINING VERTICAL INTERCHANGEABILITY.

(o) INDICATES ORIGINAL INSTALLATION.

LIAISON AND GLIDER MODELS

	CLASS - 01 DESCRIPTION	VENDOR	PART NO.	TYPE	L-2 TA	L-2A TA	L-2B TA	L-2C TA	L-2D TA	L-2E TA	L-2F TA	L-2G TA	L-2H TA	L-2J TA	L-2K TA	L-2L TA	L-2M TA	L-3 AE	L-3A AE	L-3B AE	L-3C AE	L-3D AE	L-3E AE	L-3F AE	L-3G AE	L-3H AE	L-3J AE	L-4 PI	L-4A PI	L-4B PI	L-4C PI	L-4D PI	L-4E PI	L-4F PI	L-4G PI	L-4H PI	L-5 VU	L-6 IN	L-9A VU	L-9B VU	TG-5 AE	TG-6 TA	TG-8 PI
1	(CONTINUED)																																								
2	FLIGHT CONTROLS																																								
3	- STICK, CONTROL— (FRONT)	TAYLORCRAFT	D-A202		o X	o X	o X	o X	o X	o X							o X																							o X		
4	- " , " (CENTER)	"	D-A202																																					o X		
5	- " , " (REAR)	"	D-A202		X																																			o X		
6	- CONTROL-WHEEL ASSY. (LH)	"	D-A206								o X	o X	o X	o X	o X	o X																											
7	- " " " (RH)	"	D-A206								o X	o X	o X	o X	o X	o X																											
8	- " " " (LH)	"	D12-A218								X	X	X	X	X	X																											
9	- " " " (RH)	"	B12-A218								X	X	X	X	X	X																											
10	- STICK, CONTROL— (REAR)	"	DCO-A225			X	X	X	X	X							o X																									
11	- " , " (FRONT)	PIPER	40231																							o X	o X	o X	o X	o X		o X	o X	o X					o X		
12	- " , " (CENTER)	"	40231																																					o X		
13	- " , " (REAR)	"	40231																							o X	o X	o X	o X	o X		o X	o X	o X					o X		
14	- " , " (LH)	"	4100																												o X										
15	- " , " (RH)	"	4100																												o X										
16	CLASS - 01																																							
17	- RUDDER PEDAL																																							
18	- PEDAL ASSY., RUDDER (FRONT) (LH)	TAYLORCRAFT	D-A204L		o X	o X	o X	o X	o X	o X							o X																									
19	- " " , " (REAR) (LH)	"	D-A204L		o X	o X	o X	o X	o X	o X							X																									o X	
20	- " " , " —— (LH)	"	B-A21								o X	o X	o X	o X	o X	o X																											
21	- " " , " (FRONT) (LH)	AERONCA	3-6L																				o X	o X																		
22	- " " , " (") (LH)	"	2-158L																							o X	o X															
23	- " " , " (") (LH)	"	2-374L														o X																									
24	- " " , " (") (LH)	"	2-409L															o X	o X	o X	o X	o X	o X																		
25	- " " , " (") (LH)	PIPER	40842-4																							o X	o X	o X	o X	o X						o X						
26	- " " , " (REAR) (LH)	"	40842-4																							o X	o X	o X	o X	o X						o X						
27	- " " , " (FRONT) (LH)	"	40842-2																														o X	o X								
28	- " " , " (REAR) (LH)	"	40842-2																														o X	o X								
29	- " (ONLY) , " (LEFT-SIDE) (LH)	"	A-42																																						
30	- " (") , " (" ") (RH)	"	A-42																																						
31	- " (") , " (RIGHT-SIDE) (LH)	"	A-42																																						
32	- " (") , " (" ") (RH)	"	A-42																																						
33	- " ARM, " (FRONT) (LH)	INTERSTATE	B18-4029																																			o X			
34	- " " , " (REAR) (LH)	"	B18-4029																																			o X			
35	- " ASSY " (") (LH)	STINSON	76-52409-0																																				o X		
36	- " " , " (") (RH)	"	76-52409-1																																				o X		
37	- " " , " (FRONT) (RH)	TAYLORCRAFT	D-A204R		o X	o X	o X	o X	o X	o X							o X																									
38	- " " , " (REAR) (RH)	"	D-A204R		o X	o X	o X	o X	o X	o X							o X																									o X	
39	- " " , " (") (RH)	"	B-A20								o X	o X	o X	o X	o X	o X																											
40	- " " , " (FRONT) (RH)	AERONCA	3-6R																				o X	o X																		
41	- " " , " (FRONT) (RH)	"	2-158R																							o X	o X															
42	- " " , " (") (RH)	"	2-374R														o X																									
43	- " " , " (") (RH)	"	2-409R															o X	o X	o X	o X	o X	o X																		
44	- " " , " (") (RH)	PIPER	40842-5																							o X	o X	o X	o X	o X						o X						
45	- " " , " (REAR) (RH)	"	40842-5																							o X	o X	o X	o X	o X						o X						
46	- " " , " (") (RH)	"	40842-3																														o X	o X								
47	- " " , " (FRONT) (RH)	"	40742-3																														o X	o X								
48	- " " " (") (LH)	STINSON	76-52401-0																																			o X			
49	- " " " (") (RH)	"	76-52401-1																																			o X			
50	- " " (CONT. ON NEXT PAGE)																																							

REMARKS: LINE NUMBERS IN RED
* (19, & 28) USED REAR & CENTER.

VERTICAL INTERCHANGEABILITY BETWEEN RED LINES. DO NOT CROSS A RED LINE WHEN DETERMINING VERTICAL INTERCHANGEABILITY.

(o) INDICATES ORIGINAL INSTALLATION.

LIAISON AND GLIDER MODELS

CLASS-01 DESCRIPTION	VENDOR	PART NO.	TYPE
CONTINUED			
FLIGHT CONTROLS			
RUDDER PEDALS			
-PEDAL ARM, RUDDER- (FRONT) (RH)	INTERSTATE	B1B-4029-1	
- " " , " (REAR) (RH)	"	B1B-4029-1	
- " " , RUDDER- ---- (LH)	TAYLORCRAFT	B-A25	
- " " , " - (RH)	"	B-A25	
- " " , " - (REAR) (LH)	AERONCA	3-5L	
- " " , " - (REAR) (LH)	"	2-159L	
- " " , " - (REAR) (LH)	"	2-265L	
- " " , " - (REAR) (LH)	"	2-423L	
- " " , " - (REAR) (RH)	"	2-423R	
- " " , " - (REAR) (RH)	"	2-265R	
- " " , " - (REAR) (RH)	"	2-159R	
- " " , " - (REAR) (RH)	"	3-5R	
CLASS - 01			
BRAKE CONTROLS			
-PEDAL, BRAKE -- (FRONT) (LH)	TAYLORCRAFT	D-A508	
- " " , " - (FRONT) (RH)	"	D-A508	
- " " , " - ----- (LH)	"	B-528	
- " " , " - (RH)	"	B-528	
- " " , " - (LH)	AERONCA	1-78	
- " " , " - (RH)	"	1-78	
- " " , " - (LH)	"	1-78	
- " " , " - (RH)	"	1-78	
- " " , " - (REAR) (LH)	"	2-161	
- " " , " - (FRONT) (LH)	"	2-373	
- " " , " - (FRONT) (LH)	"	2-408	
- " " , " - ----- (LH)	PIPER	A-424	
- " " , " - (FRONT) (LH)	"	41602	
- " " , " - (FRONT) (LH)	"	41602-2	
- " " , " - (FRONT) (RH)	"	41602-3	
- " " , " - (FRONT) (RH)	"	41602-1	
- " " , " - ----- (RH)	"	A-423	
- " " , " - (REAR) (RH)	AERONCA	2-161R	
- " " , " - (FRONT) (RH)	"	2-408R	
- " " , " - (FRONT) (RH)	"	2-373R	
- " " , " - ----- (LH)	TAYLORCRAFT	B12-A52	
- " " , " - (RH)	"	B12-A52	
- " " , " - (REAR) (LH)	"	D-A500	
- " " , " - (REAR) (RH)	"	D-A500	
- " " , " - (REAR) (LH)	AERONCA	2-267L	
- " " , " - (REAR) (RH)	"	2-267R	
- " " , " - (FRONT) (LH)	STINSON	76-62456-0	
- " " , " - (FRONT) (RH)	"	76-62456-1	
- " " , " - (REAR) (LH)	"	76-62407-0	
- " " , " - (REAR) (RH)	"	76-62407-1	
-JACKSHAFT, BR. PEDAL (REAR) (LH)	INTERSTATE	B-4111	
- " " , " (FRONT) (LH)	"	B-4111	
BRAKE CONTROLS — CONT.			

REMARKS: LINE NUMBERS IN RED.

* (46 & 47) INTERCHANGEABLE, UP TO AAF. NO. 42-15073.

VERTICAL INTERCHANGEABILITY BETWEEN RED LINES. DO NOT CROSS A RED LINE WHEN DETERMINING VERTICAL INTERCHANGEABILITY.

(0) INDICATES ORIGINAL INSTALLATION.

LIAISON AND GLIDER MODELS

L-2 TA | L-2A TA | L-2B TA | L-2C TA | L-2D TA | L-2E TA | L-2F TA | L-2G TA | L-2H TA | L-2J TA | L-2K TA | L-2L TA | L-2M TA | L-3 AE | L-3A AE | L-3B AE | L-3C AE | L-3D AE | L-3E AE | L-3F AE | L-3G AE | L-3H AE | L-3J AE | L-4 PI | L-4A PI | L-4B PI | L-4C PI | L-4D PI | L-4E PI | L-4F PI | L-4G PI | L-4H PI | L-5 VU | L-6 IN | L-9A VU | L-9B VU | TG-5 AE | TG-6 TA | TG-8 PI

CLASS -01 DESCRIPTION	VENDOR	PART NO.	TYPE
CONTINUED			
BRAKE CONTROLS			
-JACKSHAFT, BR. PEDAL-(FRONT) (RH)	INTERSTATE	B-4111-1	
" " " (REAR) (RH)	"	B-4111-1	
-FOOT PAD, R/D. &BR. PED.-(FRONT) LH	"	D-4113	
" " " " (FRONT) RH	"	D-4113	
" " " " (REAR) LH	"	D-4113	
" " " " (REAR) RH	"	D-4113	
CLASS -01			
BRAKE - CABLES			
-CABLE ASSY - BRAKE LH	TAYLORCRAFT	D-912	
" " " RH	"	D-912	
" " " LH	"	B-A56	
" " " RH	"	B-A55	
" " - BRAKE TO PEDAL - LH	AERONCA	2-71-4	
" " " " RH	"	2-71-4	
" " " " LH	"	2-71-5	
" " " " RH	"	2-71-5	
" " " " LH	"	2-477	
" " " " RH	"	2-477	
" " " " LH	"	2-51-3	
" " " " RH	"	2-51-3	
" " " " LH	"	2-620-4	
" " " " RH	"	2-620-4	
" " " " LH	"	2-670-3	
" " " " RH	"	2-670-3	
" " " " LH	"	2-620-5	
" " " " RH	"	2-620-5	
" " " " LH	"	2-71-2	
" " " " RH	"	2-71-2	
" " " " (Front) LH	INTERSTATE	R1B-1078-3	
" " " " (FRONT) RH	"	R1B-1078-3	
" " " " (REAR) LH	"	R1B-1078-4	
" " " " (REAR) RH	"	R1B-1078-4	
" " - PARKING BRAKE - LH	"	R1B-1078-4	
" " " " RH	"	R1B-1078-4	
CLASS -03B			
MASTER CYLINDER. HYDRAULIC			
-MASTER CYLINDER, BRAKE - LH	STEVENS	541	
" " " " RH	"	541	
" " " " LH	AIR-ASSOCIATES	AM-21	
" " " " RH	" "	AM-21	
" " " " LH	SCOTT	B-711-L	
" " " " LH	WAGNER-ELECTRIC	1925A	
" " " " RH	" "	1926	
" " " " LH	FIRESTONE	MC-100-2	
" " " " RH	"	MC-100-1	

REMARKS:

SELF-SEALING FUEL CELLS CHART

NOTE: FUEL CELL CHARTS SHOW ORIGINAL EQUIPMENT ONLY. PRESENT INSTALLATION MUST BE DETERMINED BY PHYSICAL INSPECTION.

PLANE MODEL	AIRPLANE SERIAL NO.	CELL LOCATION	AROM RESIST	CELL MFGR.	CONSTR. NO.	PART NO.
A-20A-DO (*)	AF-39-724 AF-39-725 AF-40-75 TO AF-40-179 INCL.	WING OIL AND WING FUEL	NO	U.S.	111	5108314 OUTBOARD L.H. 5108314-1 OUTBOARD R.H. 5108315 INBOARD L.H. 5108315-1 INBOARD R.H. 5108316 OIL L.H. 5108316-1 OIL R.H.
	AF-40-3143 TO AF-40-3162 INCL. PER SERVICE CHANGE	BOMB BAY FUEL	YES	U.S.	433	
A-20B-DO (*)	AF-41-2671 TO AF-41-3669	WING CELLS	NO	U.S.	133	5095950 INBOARD L.H. 5095950-1 INBOARD R.H. 5095952 OUTBOARD L.H. 5095952-1 OUTBOARD R.H.
	ALL	OIL CELL	NO	U.S.	103	5095958 INBOARD L.H. 5095958-1 INBOARD R.H.
A-20C-DO (*)	AF-41-19088 TO AF-41-19298	WING FUEL	NO	U.S.	133	
	AF-41-19299 TO AF-41-19315	WING FUEL	NO	U.S.	133	5108314 OUTBOARD L.H. 5108314-1 OUTBOARD R.H. 5108315 INBOARD L.H. 5108315-1 INBOARD R.H.
	AF-41-19316	WING FUEL	NO			
A-20C-DO (*)	AF-41-19319 TO AF-41-19462	WING FUEL	NO	U.S.	133FS	
	AF-41-19088 TO AF-41-19139 INCL.	WING OIL	NO NO	U.S. U.S.	103 143	
	AF-41-19140 TO AF-41-19343 INCL.	WING OIL	NO	U.S.	243	
	AF-41-19344 TO AF-41-19462 INCL.	WING OIL	NO	U.S.	143	
	AF-41-19147 AF-41-19176 TO AF-41-19230 INCL.	BOMB BAY FUEL-FWD. & AFT.	YES	GOODYEAR	FTL-30 PLIOFORM	
	AF-42-32951 TO AF-42-33383	WING OIL	NO	U.S.	143	
	AF-42-32951 TO AF-42-33383	BOMBAY FUEL	YES YES	GOODYEAR GOODYEAR	FTL-30 & FTL-110 PLIOFORM	
	AF-42-32951 TO AF-42-33383	WING FUEL	YES	U.S.	433	5108314 OUTBOARD L.H. 5108314-1 OUTBOARD R.H. 5108315 INBOARD L.H. 5108315-1 INBOARD R.H. 5108316 OIL L.H. 5108316-1 OIL R.H. 5147501 BOMBAY FWD 5147502 BOMBAY AFT
A-20G-DO (*)	AF-42-53535 TO AF-42-54284	WING FUEL WING OIL BOMBAY FUEL	YES YES NO YES	U.S. U.S. U.S. GOODYEAR	463N 563N 143 FTL-10N PLIOFORM	5108314 & 14-1 OUTBOARD 5109315 & 15-1 INBOARD 5169853 - OIL
A-24-DO (**)		ALL FUEL OIL	NO NO YES YES	GOODRICH GOODRICH GOODRICH GOODYEAR	411 B 324 898N OTL-110	5094753 OUTBOARD WING L.H. 5094753-1 OUTBOARD WING R.H. 5094756 OUTBOARD MAIN L.H. 5094756-1 OUTBOARD MAIN R.H. 5096037 OIL

PLANE MODEL	AIRPLANE SERIAL NO.	CELL LOCATION	AROM RESIST	CELL MFGR.	CONSTR. NO.	PART NO.
A-24A-DO A-24B-DO (SBD-3)		ALL FUEL OIL	YES YES NO	U.S. GOODYEAR U.S.	463N 433 563N OTL-110 243	5094755 5094758 5096037 OIL 5094753 5094756
A-26-DO (A)		WING OIL NACELLE	YES YES	GOODYEAR GOODYEAR	FTL-10W OTL-110	5122065 5194692 5122063
A-30-MA (B)	AF 41-27682 TO AF 41-28081 INCL. AF 41-28082 TO AF 41-28256 INCL.	ALL ALL	NO YES	U.S. U.S.	NEOPRENE 30-1-6	MC-49, MC-50, MC-55, MC-56 R285353 TO R285356
B-17E-BO (C)	AF 41-2393 TO AF 41-2409 INCL.	MAIN WING FUEL	NO	GOODRICH	163	
	AF 41-2410 TO AF 41-2646 INCL. AF 41-2648 TO AF 41-9194 INCL. AF 41-9206 TO AF 41-9221 INCL.	MAIN WING FUEL MAIN WING FUEL MAIN WING FUEL	NO NO NO	GOODRICH GOODRICH GOODRICH	411A 411A 411A	15-7936 & -1 ENG. 1 & 4 FWD. OUTBOARD WING 1-18123 & -1 FEEDER AFT. OUTBD. WING 1-18124 & -1 ENG. 2 & 3 INBD. WING 2F1-6-1778 & -1 BOMBAY
	AF 41-2647 AF 41-9195 TO AF 41-9205 INCL.	BOMBAY MAIN WING FUEL	YES NO	GOODYEAR GOODRICH	FTL-31A 411A	
B-17E-BO (C)	AF 41-9222 TO AF 41-9245 INCL.	BOMBAY MAIN WING	YES NO	GOODYEAR GOODRICH	FTL-31A 411A	
B-17E-BO (C) B-17F-BO	ALL	OIL CELL	YES	GOODYEAR	OTL-110	6-10672 NACELLE NO. 1 6-10672-1 NACELLE NO. 2 6-10672-2 NACELLE NO. 3 6-10672-3 NACELLE NO. 4
B-17F-BO (C)	AF 41-24340 TO AF 41-24455 INCL.	WING FUEL	NO	GOODRICH	411A	
	AF 41-24456 TO AF 41-24639 INCL.	WING FUEL	NO	GOODRICH	411A-4900	9-3770 & -1 FEEDER INBD. WING 9-3769 & -1 AFT. OUTBD. WING
	AF 42-5050 TO AF 42-5484 INCL.	WING FUEL	YES	GOODYEAR	FTL-31	9-3768 & -1 FWD. OUTBD. WING OUTER WING CELLS
	AF 42-29467 TO AF 42-32116 INCL.	WING FUEL	YES YES	GOODRICH GOODYEAR	898N-1214 FTL-31	15-10391 & -1 THRU 15-10399 & -1
MFD. BY DOUGLAS	AF 42-2964 TO AF 42-3074 INCL.	WING FUEL	YES	U.S. (C.A.) SHELLS	4323-463 C102-12	
	AF 42-2964 TO AF 42-3074 INCL.	MAIN WING	YES	U.S.	463	
	SPARES	MAIN WING	YES	U.S.	5743	
	AF 42-3074 AND SUB.	OUTER WING	NO	GOODYEAR FIRESTONE	FTL-10 590 -FUTURE	
	FUTURE	MAIN WING	YES	U.S.	410	
	AF 42-3004 TO AF 42-3074 INCL.	BOMBAY	YES	U.S.	463	
B-MF-VE B-17F-VE		WING FUEL	YES YES YES YES	GOODRICH GOODYEAR U.S. U.S. (FUTURE)	1184 FTL-31-M 5743 410	9-5327 & -1 9-5326 & -1 9-3769 & -1
		AUXILIARY WING FUEL	YES	GOODRICH	898-M	15-10391 & -1 THRU 15-10399 & -1
	ALL	BOMBAY	YES	GOODYEAR	FTL-31A	2FL-6-1778 & -1
	AF 42-29932 TO AF 42-30006 AND SUBSEQUENT	OUTER WING FUEL	YES YES	GOODYEAR GOODRICH	FTL-10-M 898-M	15-10391 & -1 THRU 15-10399 & -1

(*) FUEL CELLS COMPLETELY INTERCHANGEABLE WITHIN THE A-20-A DO THRU A-20-G DO, EXCEPT THE BOMBAY FUEL CELLS. 1ST 750 APS. SERIAL NO. 42-53535 THRU 42-54285 INCL. HAVE TWO TANKS CAPACITY 140 GALS. TOTAL. SERIAL NO. 42-86563 AND SUBSEQUENT HAVE 3 FUEL CELLS INSTALLED, TOTAL CAPACITY 325 GALS.

(**) FUEL CELLS COMPLETELY INTERCHANGEABLE WITHIN THE A-24 DO THRU A-24-B DO.
(A) FUEL CELLS COMPLETELY INTERCHANGEABLE WITHIN THE A-26 SERIES.
(B) FUEL CELLS COMPLETELY INTERCHANGEABLE WITHIN THE A-30 SERIES.
(C) FUEL CELLS COMPLETELY INTERCHANGEABLE WITHIN THE B-17-B DO THRU B-17-F.

SELF-SEALING FUEL CELLS CHART

NOTE: FUEL CELL CHARTS SHOW ORIGINAL EQUIPMENT ONLY. PRESENT INSTALLATION MUST BE DETERMINED BY PHYSICAL INSPECTION.

PLANE MODEL	AIRPLANE SERIAL NO.	CELL LOCATION	AROM. RESIST.	CELL MFGR.	CONSTR. NO.	PART NO.
B-24A-CO (*)		MAIN FUEL	NO	GOODRICH	411A	#1 32G1015 R.&L. #2 32G1052 R.&L. #3 32G1053 R.&L. #4 32G1054 R.&L. #5 32G1019 R.&L. #6 32G1020 R.&L.
B-24C-CO (*) (B-30)		MAIN FUEL	NO NO	GOODRICH GOODYEAR	411A FTL-10	SAME AS B-24A
B-24DM-CO (*)	AF 40-696 TO AF 40-701 AF 40-2349 TO AF 40-2352	MAIN FUEL MAIN FUEL	NO NO NO NO	GOODRICH GOODYEAR GOODRICH GOODYEAR	411A FTL-10 411A FTL-10	SAME AS B-24A
B-24D-CO (*)	AF 40-2353 AND SUBSEQUENT	MAIN FUEL	YES YES	GOODRICH GOODYEAR	898N 411A-4900 FTL-30	SAME AS B-24A
B-24D-CO (*)		OIL	YES	GOODYEAR	OTL-110	32-0-2015 (ALL SAME)
		AUXILIARY WING FUEL	YES YES YES	GOODYEAR U.S. FIRESTONE	FTL-10N 363 563 368	32G-1553 CENTER 32G-1554 INBOARD 32G-1556 OUTBOARD
		BOMBAY	YES	GOODYEAR	PTLOFORM	2F1-6-2031
B-24D-CO (*) (FUTURE)		MAIN FUEL	YES YES	FIRESTONE GOODYEAR	407 FTL-10N	SAME AS B-24A
C-87		AUX. OUTBD.		GOODYEAR		32CG1078 L/R
B-24D-CO (*) (FUTURE)		AUX. OUTER WING ONLY	YES YES YES	U.S. U.S. U.S.	333 363 563	32G-1553, 35G-1553-1 32G 1554, 32G 1554-1 32G 1555, 32G 1555-1
B-25A-MA (**)	AF 40-2189 TO AF 40-2228	MAIN FUEL	NO	GOODRICH	163E	62-A48226 & -1 FRT. INBOARD 62-A48227 & -1 FRT. INTER INBD. 62-A48228 & -1 FRT. INTER OUTBD.
		REPLACEMENT	NO YES YES	GOODRICH GOODRICH GOODRICH	484 898N 484-4900	62-A48229 & -1 FRT. OUTBD. 62-A48230 & -1 REAR INBD. 62-A48231 & -1 REAR INTER INBD. 62-A48432 & -1 REAR INTER INBD. 62-A48233 & -1 REAR OUTBD.
B-25B-MA (**)	AF 40-2229 TO AF 40-2348	MAIN FUEL	NO	GOODRICH	163E	SAME AS B-25A B-25, B-25A, & B CELLS ARE INTERCHANGEABLE.
		REPLACEMENT	NO YES YES	GOODRICH GOODRICH GOODRICH	484 484-4900 898W	B-25C AND SUBSEQUENT ARE INTERCHANGEABLE.
B-25C-MA (**)	AF 41-1243 TO AF 41-12513	MAIN FUEL	NO	FIRESTONE	99	82-48226 & -1 OR 82-48-01 L.&R. FRT. MN. 82-48230 & -1 OR 82-48-05 L.&R. REAR MN.
		AUX. FUEL	NO	FIRESTONE	99	82-48227 & -1 OR 82-48-02 L.&R. OUTBD. FRT. AUX. 82-48228 & -1 OR 82-48-03 L.&R. REAR AUX. 82-48229 & -1 OR 82-48-04 L.&R. OUTBD. OUTER
B-25C-MA (**)	AF 41-12514 TO AF 41-12876	MAIN FUEL	NO	FIRESTONE	99M	SAME AS ABOVE
B-25C-MA (**)	AF 41-12877 AND SUBSEQUENT	MAIN FUEL	YES YES	U.S. FIRESTONE	407 488	SEE ABOVE
	FUTURE	MAIN FUEL	YES YES	GOODYEAR GOODYEAR	FTL-30 FTL-10N	SEE ABOVE
	AF 41-12817 AND SUBSEQUENT	AUX. FUEL	YES YES YES YES YES YES	GOODYEAR GOODYEAR GOODRICH GOODRICH GOODRICH U.S.	FTL-30 FTL-10N 484-4900 898N 898-4900 363	SEE ABOVE
		OIL	YES NO	GOODYEAR U.S.	OTL-110 287	82-47090 & -1 (L.&R.) 82-47083 & -1 BOTTOM (L.&R.)

(*) FUEL CELLS WITHIN B-24 SERIES ARE COMPLETELY INTERCHANGEABLE.
(**) FUEL CELLS WITHIN B-25 SERIES ARE INTERCHANGEABLE EXCEPT AS NOTED ABOVE.

PLANE MODEL	AIRPLANE SERIAL NO.	CELL LOCATION	AROM. RESIST.	CELL MFGR.	CONSTR. NO	PART NO.
B-25D-MA (**)	AF 41-29648 TO AF 41-29747	MAIN FUEL	NO	FIRESTONE	99	
	AF 41-29748 AND SUBSEQUENT	MAIN FUEL	NO YES YES	FIRESTONE FIRESTONE FIRESTONE	99BM 407 448	
	AF 41-29748 AND SUBSEQUENT	AUX. FUEL	YES YES YES YES	GOODYEAR GOODYEAR GOODYEAR GOODRICH	FTL-30 FTL-10N 484-4900 898M, 898-4900, 363	SEE ABOVE
	AF 41-29748 AND SUBSEQUENT	OIL	YES NO	GOODYEAR U.S.	OTL-110 247	SEE B-25C OIL CELL
B-26-MA (A)	AF 40-1361 TO AF 40-1460	WING FUEL	NO	MARTIN	NEOPRENE	#1 L. - MC27 #2 L. - MC29 #3 L. - MC31 #4 L. - MC33 #5 L. - MC35 #1 R. - MC28 #2 R. - MC30 #3 R. - MC32 #4 R. - MC34 #5 R. - MC36
B-26B-MA (A)	AF 41-17975 TO AF 41-18060 AF 41-18061 TO AF 41-18184	WING FUEL WING FUEL	YES YES	U.S. U.S.	30-1-20 30-1-6	SAME AS ABOVE
B-26B-MA B-26B-1 (A)	AF 41-17544 AF 41-18334 AF 41-31573 TO AF 41-32072	HYDRAULIC OIL HYDRAULIC OIL	NO NO	U.S. U.S.	NEOPRENE NEOPRENE	27021
B-26B-1-MA (A)	AF 41-18185 TO AF 41-18334 AF 41-31573 AF 41-32072	WING FUEL WING FUEL	YES YES YES YES YES	U.S. U.S. U.S. U.S. U.S.	30-1-6 30-1-21 30-1-28 30-1-6 30-1-21 30-1-28	MC 61 #1 L. LATEST SERIES MC 29 #2 L. TANKS FROM U.S. MC 59 #3 L RUBBER ARE INTER- MC 57 #4 L CHANGEABLE EXCEPT MC 35 #5 L. FOR NO. 4 CELL. MC 62 #1 R. NO. 4 CELL IS MC 30 #2 R INTERCHANGEABLE MC 60 #3 R ONLY ON B-26B-1 & MC 58 #4 R B-26C APS. MC 36 #5 R.
B-26C-MA (A)	AF 41-34673 TO AF 41-34677 AF 41-34678 TO AF 41-34733	WING FUEL WING FUEL	NO YES	U.S. U.S.	NEOPRENE 30-1-20	SAME AS B-26B-1 " " "
B-26C-MA (A)	AF 41-34734 TO AF 41-35872	WING FUEL	YES	U.S.	30-1-21	LEFT / RIGHT R380861 / R380863 R380859 / R380857 R380855 / R380862 R380864 / R380860 R380858 / R380856
RB-34-VE SAME AS VENTURA MODEL 37		WING FUEL	YES	GOODYEAR	FTL-10N	29654 L. & R. 29655 L. & R. 29656 L. & R. 29657 L. & R.
P-38D-LO (B)	AF 40-774 TO AF 40-809	ALL FUEL	NO	GOODRICH	341-59069	246102 L.&R. FWD. WING 246195 L.&R. MAIN CENTER SECTION 245823 L.&R. SURGE
P-38E-LO (B)	AF 41-1983 TO AF 41-2181 AF 41-2182 TO AF 41-2292	ALL FUEL ALL FUEL	NO NO NO NO	U.S. GOODRICH	133 133 341-59431	SAME AS P-38D

(A) FUEL CELLS WITHIN B-26 SERIES ARE INTERCHANGEABLE EXCEPT AS NOTED ABOVE.
(B) FUEL CELLS WITHIN P-38 SERIES ARE COMPLETELY INTERCHANGEABLE.

SELF-SEALING FUEL CELLS CHART

NOTE: FUEL CELL CHARTS SHOW ORIGINAL EQUIPMENT ONLY. PRESENT INSTALLATION MUST BE DETERMINED BY PHYSICAL INSPECTION.

PLANE MODEL	AIRPLANE SERIAL NO.	CELL LOCATION	AROM. RESIST.	CELL MFGR.	CONSTR. NO	PART NO.
P-38F-LO (X)	AF 41-2293 TO AF 41-2361	ALL FUEL	NO NO	U.S. GOODRICH	133 341-59431	246102 L.&R. FWD. WING 246195 L.&R. MAIN CENTER SECTION 190405 L.&R. 2458238 L.&R. SURGE
	AF 41-2382 TO AF 41-7680	ALL FUEL	NO	GOODRICH	341-59431	
	AF 42-12567 TO AF 42-12609	ALL FUEL	YES	FIRESTONE	407	
	AF 42-12610 TO AF 42-12686	ALL FUEL	YES YES	GOODRICH FIRESTONE	898-4922 448	
	AF 42-12687 AND SUBSEQUENT	ALL FUEL	YES YES	FIRESTONE GOODRICH	455 898M	
P-38D,E,& (*) F-LO	AIRPLANES REWORKED ON PROJECT 247 . .		YES YES YES	GOODRICH FIRESTONE FIRESTONE	898M 448 455	SAME AS P-38F
P-39-BE (**) SERIES P-39D P-39D-1 P-39D-2 P-39F		ALL FUEL	NO	HEWITT	113	14-139-171 L.&R. OR 14-977-138 L.&R. 14-139-172 L.&R. OR 14-977-139 L.&R. 14-139-173 L.&R. OR 14-977-140 L.&R. 14-139-174 L.&R. OR 14-977-141 L.&R. 14-139-175 L.&R. 14-139-176 L.&R. OR 14-977-142 L.&R.
P-39K (**) 1-BE		ALL FUEL	NO SLUSHED	FIRESTONE	387	SAME AS P-39
BELL	SPARES FOR THE ABOVE		NO NO NO	GOODYEAR FIRESTONE FIRESTONE	FTL-10 165 387	SAME AS P-39
P-39L-1-BE (**) M-1, N-1, N-0, Q		ALL FUEL	YES YES YES YES	HEWITT HEWITT FIRESTONE GOODYEAR	144 141 455 FTL-10N	SAME AS P-39
P-40-CU		ALL FUEL	NO	GOODYEAR	FTL-10	
P-40B-CU (A)		ALL FUEL	YES	GOODYEAR	281	81-45-201-1 FUSELAGE 75-45-006 FUSELAGE 87-45-002 FRONT WING 87-45-008 FRONT WING 87-45-003 REAR WING 87-45-009 REAR WING
P-40C-CU (A)		ALL FUEL	NO SLUSHED	SIMILAR TO HEWITT 112		SAME AS P-40B
P-40D & E-CU (A)		ALL FUEL	NO NO	HEWITT FIRESTONE	112 51	87-45-501 FUSELAGE 87-45-504 FRONT 87-45-505 REAR
P-40E-CU (A)		ALL FUEL	YES	GOODYEAR	FTL-10N	
P-40E-1-CU (A)		ALL FUEL	NO NO YES YES	HEWITT FIRESTONE GOODYEAR GOODRICH	112 51 FTL-10N & 30 813-4900	SAME AS P-40B UP TO 470 471 TO 580 AS FOLLOWS: 87-45-914 FUSELAGE 87-45-911 FRONT WING 87-45-912 REAR WING
P-40F-CU (A)	UP TO AF 41-13721	ALL FUEL	NO NO	HEWITT FIRESTONE	112 51	87-45-913 FUSELAGE 87-45-911 FRONT WING 87-45-912 REAR WING
P-40F-CU (A)	AF 41-13722 AND SUBSEQUENT	ALL FUEL	NO NO YES YES YES YES	FIRESTONE FIRESTONE GOODRICH GOODRICH HEWITT FIRESTONE	165F 338 813-4900 898M 141 455	SEE ABOVE

PLANE MODEL	AIRPLANE SERIAL NO.	CELL LOCATION	AROM. RESIST	CELL MFGR.	CONSTR. NO.	PART NO.
P-40K-CU (A)		ALL FUEL	NO NO YES YES YES YES YES	FIRESTONE FIRESTONE FIRESTONE GOODRICH HEWITT HEWITT	165F 338 455 898M 813-4900 141 144	SAME AS P-40F
P-40K-1-CU (A)		ALL FUEL	NO NO NO NO YES YES YES YES	HEWITT FIRESTONE FIRESTONE FIRESTONE FIRESTONE HEWITT GOODRICH GOODRICH	112 51 165F 338 455 141 898M 813-4900	SAME AS P-40F
P-40N-CU (A)		ALL FUEL	YES	GOODYEAR	FTL-30	SAME AS P-40F
P-47-RE (B)	ALL	MAIN FUEL & AUX.	YES YES YES	GOODYEAR GOODYEAR FIRESTONE	FTL-10N FTL-30 352-353 368-369 404-405 452-453 467	FIRESTONE NO'S. CELLS ARE INTERCHANGEABLE ON P-47B to P-47D-2RE, P-47D-5RE AND SUBSEQUENT ARE INTERCHANGEABLE. NPAA 4000 MAIN NPAA 4001 AUX. GOODYEAR NO'S. 2F1-6-660 MAIN 2F1-6-661 AUX.
CHANGE WAS MADE ON P-47D-5RE TO ELIMINATE SUMP.			" " "			
P-51-NA (C)	ALL	ALL FUEL	NO	FIRESTONE	484	91-480-1 L & R
P-51A-NA (C)	M-1 TO M-1199	ALL FUEL	YES	VOIT	455 OR 590	43-48002 43-48002-1
P-51B-NA (C)	M-1200 TO M-1500	ALL FUEL	YES	VOIT	590	43-48002 43-48002-1
P-51-NO	FIRST 150 APS.	ALL FUEL OIL CELL	YES	FIRESTONE	448 349	513850 INNER WING 513851 NACELLE 514763
	REMAINING 410 APS.	ALL FUEL OIL CELL	YES YES	GOODYEAR GOODYEAR	FTL-10N OTL-110	NO NUMBERS AVAILABLE NO NUMBERS AVAILABLE

(*) FUEL CELLS WITHIN P-38 SERIES ARE COMPLETELY INTERCHANGEABLE.
(**) FUEL CELLS WITHIN P-39 SERIES ARE COMPLETELY INTERCHANGEABLE.
(A) FUEL CELLS WITHIN P-40 SERIES ARE INTERCHANGEABLE EXCEPT AS NOTED ABOVE.

(B) FUEL CELLS ON P-47 SERIES ARE INTERCHANGEABLE EXCEPT AS NOTED ABOVE.
(C) FUEL CELLS ON P-51 SERIES ARE COMPLETELY INTERCHANGEABLE.

MARKINGS OF UNITED STATES AIRCRAFT LINES

KIND OF LINE	UNITED STATES AN BANDING
AIR PRESSURE (Compressed)	
Max. 20 P. S. I.	
Min. 25 P. S. I.	
AIR DUCTS (Cabin Heaters)	
Cold	
Hot	
ANTI-ICING	
Alcohol	
Glycerine and Alcohol	
CO-DETECTOR SYSTEM	
COOLANT	
Prestone	
Water	
EXHAUST ANALYZER	
Exhaust Lines from Combustion Type Heaters	
Fire Extinguishers	
Flotation Equipment	
FUEL	
Gasoline	
Propane	
(HEATERS)	
Air Vapor Supply Lines, to Combustion Type Cabin Heaters	

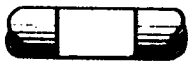
KIND OF LINE	UNITED STATES AN BANDING
Hydraulic Pressure Oil	
Manifold Pressure	
Manifold Pressure Line to Fuel Tank Pressure Unit	
OIL (Lubricating)	
OXYGEN (A)*	
Distribution	
Filler	
PITOT PRESSURE (B)*	
Airspeed	
Stall Warning	
Purging	
Smoke Screen Equipment	
STATIC PRESSURE	
Airspeed, Altimeter, Rate of Climb	
Stall Warning	
STEAM	
VACUUM	
VENT (Closed Compartments)	
WATER (Drinking)	

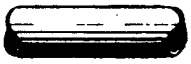
*NOTES: In airplanes where there is an oxygen filler line from a filler valve to the oxygen cylinders, and a distribution
(A) line from the oxygen cylinders to the dispensing equipment, the identification marking shall be as indicated. Where no filler and distribution system exists, the oxygen lines shall be identified by light green.

(B) The two black bands of the pitot pressure stall warning shall be spaced one-eighth inch apart. All bands shall be one-half inch wide and shall encircle the tube.

Bands shall be located near each end of the tube and at such intermediate points as may be necessary to follow through the system.

MARKINGS OF BRITISH AIRCRAFT LINES

SERVICE	COLOUR DESIGNATION
FUEL	
OIL	
COOLANT	
COMPRESSED AIR	
HYDRAULIC	
AUTOMATIC CONTROLS	
ENGINE STARTING	
OXYGEN	
VACUUM FOR FLYING INSTRUMENTS	

SERVICE	COLOUR DESIGNATION
Fire Extinguisher	
CO_2 for Flotation Gear Actuation for Walter Kidde Gear	
VARIABLE PITCH PROPELLER	
EXACTOR CONTROL	
DE-ICING, Wing, Air	
DE-ICING, Wing, Fluid	
DE-ICING, Windscreen, Fluid	
DE-ICING, Propeller	
DE-ICING, Carburetor	
MISCELLANEOUS SERVICES not included in the above (No color designation)	

NOTES: Colours quoted are in accordance with BSS 381. The colour numbers are as follows:

Blue—No. 4
Brown—No. 14
Green—No. 18
Red—No. 38
Yellow—No. 56

Any doubtful cases of classification and any suggested additions to this list shall be referred to the DTD for approval.

The bands shall be approximately of the following sizes for any pipe diameter:
Broad bands 1/2" wide Narrow bands 1/4" wide

Distance between bands not more than 1/4".

TABLE OF BASIC SUPPLIES
FOR ALL REPAIR UNITS

SELF-SEALING FUEL CELL PERMANENT TYPE REPAIRS

NOTE: THIS INFORMATION WILL ALSO BE FOUND IN T. O. NO. 03-10-26

TYPE OF LINER	BUNA	NEOPRENE	THIOKOL	ROYALIN
WASHING SOLVENT	Petroleum Naptha, Class 24, A. A. F. No. 8500-620000 or Ethyl Acetate, Class 24, A. A. F. No. 8500-459500	Toluene or Solvesso. Class 07 A. A. F. No. 7300-921000	Ethylene Dichloride Class 24 A. A. F. No. 8500-460000	Methyl Alcohol. Local purchase.
INNER CEMENT	B. and B. Chemical Co. No. J868 or Minn. Mining No. EC660 (with Accelerator). Class 04-B, A. A. F. No. 6600-105700	B. and B. Chemical Co. No. M-50 Class 04-B A. A. F. No. 6600-118020	Minn. Mining No. EC562 Class 04-B A. A. F. No. 6600-118005	U. S. Rubber Royalin Cement Class 04-B A. A. F. No. 6600-117400
INNER CEMENT SOLVENT	Methyl Ethyl Ketone, Class 24, A. A. F. No. 8500-605600 or Ethyl Acetate, Class 24, A. A. F. No. 8500-459500	Toluene or Solvesso Class 07 A. A. F. No. 7300-921000	Ethylene Dichloride Class 24 A. A. F. No. 8500-460000	Methyl Alcohol. Local purchase.
INNER REPAIR STOCK	BUNA REPAIR GUM 1. Goodyear Tire and Rubber Co. 2. United States Rubber Co. 3. Hewitt Rubber Corp. 4. Goodrich Rubber Co. 5. Firestone Tire and Rubber Co. (Use any one of the above) Class 04-B A. A. F. No. 6600-773350	DuPont Neoprene No. 5504-A Class 04-B A. A. F. No. 6600-773035	Thiokol Repair Material, United States Rubber Co. No. 5009 Class 04-B A. A. F. No. 6600-768800	Royalin Plastercoat Repair U. S. Rubber Co. Class 04-B A. A. F. No. 6600-267668
INNER REPAIR COVER STOCK	NONE	NONE	Thiokol Repair Material, United States Rubber Co. No. 5017 Class 04-B A. A. F. No. 6600-773393	NONE
INNER REPAIR COVER CEMENT	NONE	NONE	Minn. Mining No. EC562 Class 04-B A. A. F. No. 6600-118005	NONE
INNER REPAIR SEALCOAT	NONE	NONE	Minn. Mining No. EC601 Class 04-B A. A. F. No. 6600-118010	Minn. Mining No. EC601 Class 04-B A. A. F. No. 6600-118010
OUTER CEMENT	B. and B. Chemical Co. No. J868 or Minn. Mining No. EC660 (with Accelerator). Class 04-B, A. A. F. No. 6600-105700	B. and B. Chemical Co. No. J868 or Minn. Mining No. EC660 (with Accelerator). Class 04-B, A. A. F. No. 6600-105700	B. and B. Chemical Co. No. J868 or Minn. Mining No. EC660 (with Accelerator). Class 04-B, A. A. F. No. 6600-105700	Minn. Mining No. EC562 Class 04-B A. A. F. No. 6600-118005
OUTER CEMENT SOLVENT	Methyl Ethyl Ketone, Class 24, A. A. F. No. 8500-605600 or Ethyl Acetate, Class 24, A. A. F. No. 8500-459500	Methyl Ethyl Ketone, Class 24, A. A. F. No. 8500-605600 or Ethyl Acetate, Class 24, A. A. F. No. 8500-459500	Methyl Ethyl Ketone, Class 24, A. A. F. No. 8500-605600 or Ethyl Acetate, Class 24, A. A. F. No. 8500-459500	Ethylene Dichloride Class 24 A. A. F. No. 8500-460000
OUTER REPAIR STOCK	Buna-coated Outer Repair Material. Goodyear, United States, Firestone, Hewitt, or Goodrich. Class 04-B A. A. F. No. 6600-772950	Buna-coated Outer Repair Material. Goodyear, United States, Firestone, Hewitt, or Goodrich. Class 04-B A. A. F. No. 6600-772950	Buna-coated Outer Repair Material. Goodyear, United States, Firestone, Hewitt, or Goodrich. Class 04-B A. A. F. No. 6600-772950	Buna-coated Outer Repair Material. Goodyear, United States, Firestone, Hewitt, or Goodrich. Class 04-B A. A. F. No. 6600-772950
SLOSHING COMPOUND	Slosh only the following Buna constructions: Firestone NM-94, NM-97, 408, 461, 461B; Goodrich 163E, 324, 341, 341-59069, 341-59431, 411, 411A, 411B, 484, 898; Goodyear FTL-10; United States XUS 288; Fullers TL284. Class 07 A. A. F. No. 7300-245800	Slosh all Neoprene cells that have not been previously sloshed. Do not reslosh fuel cells. Fullers TL284 Class 07 A. A. F. No. 7300-245800	Do not slosh Thiokol-lined fuel cells. Sloshing is detrimental.	Do not slosh. Royalin-lined fuel cells. Sloshing is detrimental.
SLOSHING COMPOUND SOLVENT	Ethyl Acetate, Class 24, A. A. F. No. 8500-459500 or Methyl Ethyl Ketone, Class 24, A. A. F. No. 8500-605600	Ethyl Acetate, Class 24, A. A. F. No. 8500-459500 or Methyl Ethyl Ketone, Class 24, A. A. F. No. 8500-605600	NONE	NONE

5-1-43 JEN

METALS TABLE

ITEM	SPECIFICATION NUMBERS — U. S. GOVERNMENT: Sheet	Bars and Rods	Tubes	Forgings Wire	Castings	Aero. Materials AMS (2)	Mfrs. (1)	NOMINAL CHEMICAL COMPOSITION PER CENT: Copper	Silicon	Manganese	Magnesium	Nickel	Aluminum	Tin	Zinc	Lead	Other Elements
1	QQ-A-561	QQ-A-411	WW-T-783	QQ-R-571		4000, 4003	2S ½H						99				
2	QQ-A-359	QQ-A-356	WW-T-788			4006, 4008	3S ½H			1.25			97				
3		11330					11S	5.5					93			0.3	
4	QQ-A-318		WW-T-787			4015, 4015, 4017	52 ½H			0.1	2.5		94		Chromium	Bismuth	0.3 0.25
						4070											
5	QQ-A-353	QQ-A-351	WW-T-786	QQ-A-367		4030, 4032, 4118	17S-T	4.0		0.5	0.5		94				
6	QQ-A-361						17S-T			0.5	0.5		94				
7	QQ-A-355	QQ-A-354	10235			4035, 4036, 4152	24S-T	4.0		0.6	1.5		93				
						4088, 4120											
8	QQ-A-362					4040, 4041, 4042	24S-T	4.0		0.6	1.5		93				
9		11329					56			0.5	5		94		Chromium		0.1
10	QQ-A-334	QQ-A-331	WW-T-790			4076	53S		0.6		1.2		97		Chromium		0.25
11	11326					4080, 4082	61S	0.3	0.6		1.0		97		Chromium		0.25
12				QQ-A-367	AN-QQ-A-386(3)	4140	18S-T	4.0			0.5	2	93				
13				QQ-A-367		4145	32S-T	1.0	12		1.0	1	85				
14				QQ-A-367		4135	14S-T	4.4	0.8	0.8	0.4		92				
15				QQ-A-367		4125	A51S-T		0.9		0.7		97		Chromium		0.25
16				QQ-A-367		4130	25S-T	4.5	0.8	0.8			93				
17					AN-QQ-A-405		43		5.0				94				
18					AN-QQ-A-402		214		0.4	0.4	4		95				
19					QQ-A-601		122	10			0.2		88				
20			AN-QQ-A-379(4)		AN-QQ-A-379	4220	142	4.0			1.5	2.0	92				
21					AN-QQ-A-390		195	4.5	1.0				94				
22					AN-QQ-A-392	4240	220				10		90				
23					AN-QQ-A-397			4.0	3.0				92				
24			AN-QQ-A-376(5)		AN-QQ-A-376	4210, 4212, 4214	355	1.2	5.0	0.3	0.5		92				
25					AN-QQ-A-394	4284	356	0.2	7.0		0.3		92				
26					11325			2.0		0.8			93	1.5	0.8		
27					AN-QQ-A-366	4290	13		12				87				
28					AN-QQ-A-383		B-195	4.5	2.5				92				
29	11317	11320	11318		AN-QQ-M-56	4370	M 3S			1.5	98						
30		11322															
31	11317	11320	11318			4350, 4380, 4381	J-1 57S			0.2	92	6.5			0.7		
32				11321		4360	0 58S			0.2	90	8.5			0.5		
33					AN-QQ-M-56	4420, 4422, 4424	H265			0.2		6.0			3.0		
34					AN-QQ-M-56	4434, 4490	C260			0.1		9.0			2.0		
35					11319		K230		0.5	0.1	88	10					
36						4490	R263			0.2		9.0			0.6		
37				Wire													
	QQ-C-501		WW-T-799	QQ-W-341		4500		99.9									
38	QQ-B-611			Wire		4610		60							37	3.0	
39	QQ-B-611		WW-T-791	QQ-W-321		4505, 4555		67							35		
40	QQ-B-636				QQ-B-621	4612, 4614		60						1.0	38		
41		AN-QQ-B-646						60						1.0	38		
42	QQ-B-721					4619		58					1.0			Iron	1.0
43					QQ-B-726	4860		58		2.0			1.0	1.0	38		
44	QQ-B-666				QQ-B-671	4630, 4632		90					8.5			Iron	2.0
45					11076	4635, 4871		85			0.3		10			Iron	4.0
46				Wire		4520		87						4.0	4.0	4.0	
47	QQ-B-746			QQ-W-401		4510, 4625, 4720		95						4.5			
48					QQ-B-691	4842		78						10		10	
49					QQ-B-691	4845		88						10	2.0		
50		11070				4650		97							Beryllium		2.0
51					11306	4820		70					Silver	1.5		28	
52	QQ-C-591		57-192-1		QQ-C-593	4665		95	3.0	1.0							
53					Sintered 11331	4805		89						10			
54	QQ-N-281			QQ-N-281				32		1.0		65				Iron	1.0
55	QQ-N-286							32				65	3.0				
56	AN-QQ-N-271	AN-QQ-N-268	AN-WW-T-831 AN-WW-T-833		Wire 57-174	5540, 5580, 5665			Iron	7.0		78			Chromium		15.0
57	QQ-N-321							62				18			30		
58		QQ-R-571						60							40		
59					QQ-M-161	4800		4.5			Antimony		4.5	90			
60		QQ-S-571				4750								45		55	
61		11342				4770		15.5	Silver		50.0	Cadi'm		18.0	16.5		
62		57-99-1				4755						Silver	5.5			94.5	
63		QQ-S-551						60						3.0	36		
64		10302						3.0			0.5		4.0		92		

NOTE: (1) Aluminum Alloys—Aluminum Co. of America; Magnesium Alloys—Aluminum Co. and Dow Chemical Co.
(2) Published by Society of Automotive Engineers.
(3) Permanent Mold, Tensile Strength—34,000 psi.
(4) Permanent Mold, Tensile Strength—40,000 psi.
(5) Permanent Mold, Tensile Strength—39,000 psi.

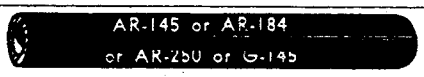
METALS TABLE

ITEM	MATERIALS	HEAT TREATMENT									MECHANICAL PROPERTIES						
		SOLUTION			AGING		ANNEALING		STABILIZING		Tensile Strength psi	Yield St'ngth psi	Elong. in 2" %	Brinell Hardness 500 g	Shear. St'ngth psi	Fatigue Limit Rotating Beam psi	Compression St'ngth psi
		Temp. °F	Time Hrs.	Quench	Temp. °F	Time Hrs.	Tmp. Hrs.	Time Hrs.	Temp. °F	Time Hrs.							
1	Commercial Pure Aluminum						625 700	(7)			17,000	14,000	4	32	11,000	7,000	17,000
2	Aluminum-Manganese						725 775	(7)			19,000	17,000	4	45	14,000	9,500	19.500
3	Free Machining										52,000	40,000	10				
4	Aluminum-Magnesium-Chromium						625 700	(7)			34,000	24,000	5	65	20,000	18,000	34,000
5	Aluminum-Copper-Magnesium	900-950	1	CW	Room		650 800	(8)			55,000	30,000	16	100	30,000	13,000	55,000
6	Aluminum-Copper-Magnesium (Alclad)	900-950	1	CW	Room						50,000	27,000	14				
7	Aluminum-Copper-1.5 Magnesium	900-930	1	CW	Room		650 800	(8)			65,000	43,000	20	105	35,000	14,000	65,000
8	Alum'm-Copper-1.5 Magnesium (Alclad)	900-930	1	CW	Room						56,000	37,000	14				
9	Wire for Rivets						625 700	(7)							24,000		
10	Aluminum-Magnesium-Silicon	900-950		CW	320	16					32,000	25,000	14	75	24,000	10,000	32,000
11	Aluminum-Magnesium-Silicon	900-950		CW	320	16					42,000	35,000	10	85	30,000	12,000	42,000
12	Aluminum-Copper-Nickel Magnesium	940-960	5	CW	390	5					55,000	35,000	10	100		14,000	55,000
13	Aluminum-Silicon	950-980	12	CW	325	12					52,000	40,000	5	115	38,000	14,000	52,000
14	Aluminum-Copper-Magnesium	925-950	1	CW	290	12					65,000	50,000	10	130	44,000	15,000	65,000
15	Aluminum-Silicon-Magnesium										44,000	34,000	14	90	32,000	10,000	44,000
16	Aluminum-Copper-Manganese	960-980	1	CW	290	12	700 800	(8)			55,000	30,000	16	100	35,000	14,000	55,000
17	Aluminum-Silicon										17,000	7,000	3	40		5,000	25,000
18	Aluminum-Magnesium										22,000	10,000	6	50	18,000	5,000	45,000
19	Aluminum-Copper-Iron										35,000	29,000	1	100	29,000		75,000
20	Aluminum-Copper-Nickel Magnesium	955-970	6	Hw	400	6			450	4	32,000	28,000		100	24,000	8,000	55,000
21	Aluminum-Copper	925-950	16	Hw	300	3			400	15	32,000	18,000	3	80	25,000	9,000	50,000
22	Aluminum-Magnesium										42,000	22,000	12	85	30,000	7,500	72,000
23	Aluminum-Copper-Silicon										19,000	9,500	1.5	45			
24	Aluminum-Silicon-Copper	960-980	16	Hw	300	3			440	8	32,000	20,000	2	92		9,000	65,000
25	Aluminum-Silicon	980-1010	16	Hw	300	2			440	8	30,000	20,000	3	90	22,000	8,000	50,000
26	Aluminum-Zinc-Copper										30,000	17,000	6				
27	Die Castings										33,000		1.5				
28	Permanent Mold	950-970	16	Hw	300	3					35,000	22,000	5				
29	Magnesium-Manganese										32,000(6)	24,000	4	42			
30	Welding Rod																
31	Magnesium-Aluminum 1% Zinc										40,000(6)	28,000	3	50	21,000	16,000	38,000
32	Magnesium-Aluminum 0.5% Zinc										42,000	24,000	5	60	22,000	16,000	42,000
33	Magnesium-Aluminum-Zinc	730	10	Air	350	16					34,000	16,000	3	50	18,000	8,000	
34	Magnesium-Aluminum-Zinc	760	18	Air	350	16					34,000	18,000	1		20,000	9,000	
35	Die Castings										31,000	20,000	2	60			
36	Die Castings										33,000	20,000	2	60			
37	Copper										30,000		60			10,000	
38	Brass, Free Cutting										55,000	25,000	15	125		18,000	55,000
39	Brass										45,000		35	120		20,000	
40	Naval Brass										67,000	45,000	22	70		23,000	67,000
41	Brass for Turnbuckles										67,000	45,000	22				
42	Manganese Bronze										70,000	30,000	20	120		20,000	
43	Manganese Bronze										65,000		25			17,000	
44	Aluminum-Bronze										80,000	40,000	15	160(9)		30,000	
45	Aluminum-Bronze	1650)	1	CW	1100	1					90,000	45,000	5	200(9)		26,000	
46	Bronze Strip	1675)															
47	Phosphor-Bronze										80,000	60,000	12			20,000	
48	Phosphor-Bronze										25,000		8				
49	Copper-Tin										40,000		20				
50	Beryllium-Copper	1425-1475	2	CW	520 530	2					150,000	90,000	2	160(9)		38,000	
51	Copper-Lead																
52	Copper-Silicon										50,000		35				
53	Copper-Tin																12,000 25,000
54	Monel										80,000	40,000	30				
55	K-Monel	1400-1450			1075 1100						140,000	100,000	20	265(9)			
56	Inconel										80,000	30,000	35				
57	Nickel-Silver																
58	Welding Rods																
59	Babbitt																
60	Tin-Lead Solder										Melting Range 350°F— 420°F						
61	Silver-Solder										Melting Range 1160°F—1175°F						
62	Lead-Silver Solder										Melting Range 580°F— 650°F						
63	Copper-Zinc Brazing Rod										Melting Range 1625°F						
64	Zinc Welding Rod										Melting Range 950°F						

(6) Value for cold rolled sheet; bars and shapes have lower tensile properties.
(7) Annealing takes place as soon as material reaches temperature; cooling rate not important.
(8) Lower temperature range for softening after cold work; higher temperatures for full anneal for previous solution treatment; cool slowly to at least 450°F.
(9) 3000 kg.

HOSE CHART

CHART 1 — FUEL HOSE—SELF-SEALING Aromatic Resistant (See Notes)



Sizes		Class 6600 Stock No.	Spec. No.
Inside Dia.	Outside Dia.		
* 5/8	1-5/16	489600	26572
* 3/4	1-7/16	489625	is
7/8		489650	superceded
*1	1-11/16	489675	by
1-1/8		489700	26587
*1-1/4	2	489725	"
1-3/8		489750	"
*1-1/2	2-1/4	489775	"
1-5/8		489800	"
1-3/4		489825	"
*2	2-3/4	489850	"
2-1/4		489875	"
*2-1/2	3-1/4	489900	"
2-3/4		489925	"
3		489950	"

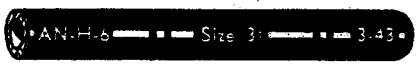
CHART 2 — FUEL HOSE—AROMATIC RESISTANT (See Notes)

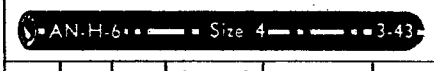
Sizes		Class 6600 Stock No.	Spec. No.
Inside Dia.	Outside Dia.		
3/16	3/8	380810	26577
1/4	7/16	380811	"
5/16	1/2	380812	"
3/8	9/16	380813	"
7/16	5/8	380813-5	"
1/2	11/16	380814	"
9/16	3/4	380814-5	"
5/8	13/16	380815	"
3/4	15/16	380817	"
7/8	1-1/16	380819	"
1	1-1/4	380820	"
1-1/8	1-3/8	380820-5	"
1-1/4	1-1/2	380821	"
1-3/8	1-5/8	380822	"
1-1/2	1-3/4	380823	"
1-5/8	1-7/8	380824	"
1-3/4	2	380826	"
2	2-1/4	380828	"
2-1/16	2-5/16	380830	"
2-1/4	2-1/2	380835	"
2-1/2	2-3/4	380837	"
2-3/4	3	380840	"
3	3-1/4	380850	"
3-1/4	3-1/2	380860	"
3-1/2	3-3/4	380870	"

CHART 3 — FUEL—OIL—COOLANT HOSE—AIRCRAFT Non Aromatic Resistant (See Notes)

Sizes		Class 6600 Stock No.	Spec. No.
Inside Dia.	Outside Dia.		
3/16	3/8	356000	AN-ZZ-H-456
1/4	7/16	357500	"
5/16	1/2	358000	"
3/8	9/16	359500	"
1/2	11/16	363000	"
5/8	13/16	365000	"
3/4	15/16	367000	"
7/8	1-1/16	368000	"
1	1-1/4	371000	"
1-1/8	1-3/8	372000	"
1-1/4	1-1/2	374010	"
1-3/8	1-5/8	374500	"
1-1/2	1-3/4	376000	"
1-5/8	1-7/8	376500	"
1-3/4	2	377500	"
1-7/8	2-1/8	377700	"
2	2-1/4	379000	"
2-1/16	2-5/16	379500	"
2-1/4	2-1/2	380000	"
2-1/2	2-3/4	380500	"
2-3/4	3	380510	"
3	3-1/4	380550	"
3-1/4	3-1/2	380575	"
3-1/2	3-3/4	380600	"
4	4-1/4	380610	"

CHART 4 — HYDRAULIC HOSE—MEDIUM PRESSURE Triple Braid (See Notes)





Hose I.D.	Sizes O.D.	Hose Dash No.	O.D. of Tubing to Be Mated	Class 6600 Stock No.	Spec. No.
1/8	1/2	3	3/16	493286	AN-H-6
3/16	9/16	4	1/4	493290	"
1/4	5/8	5	5/16	493292	"
5/16	11/16	6	3/8	493295	"
13/32	13/16	8	1/2	493302	"
1/2	1	10	5/8	493305	"
5/8	1-1/8	12	3/4	493307	"

CHART 5 — DE-ICER HOSE—NON-KINK (See Notes)

Sizes		Class 6600 Stock No.	Spec. No.
Inside Dia.	Outside Dia.		
3/8	.....	480500	.....
1/2	.....	481000	.....
5/8	.....	481500	.....
3/4	.....	481615	.....

1. NOTES REFERRING TO CHART NO. 1.
Black hose with solid red stripe. Identification markings as follows:
A R — 145 These two are identical. A R — 184 Goodrich Boston Woven Hose.
G — 145 Mfgr. Goodyear. A R — 250 U. S. Rubber.
*Sizes available at present time.

2. NOTES REFERRING TO CHART NO. 2.
Black hose with solid white line and broken red line. Stamped, "Aromatic Resistant," trademark and date of manufacture.
This hose MUST be used on all aircraft using 100 octane fuel or higher. T. O. 04-5-12.

3. NOTES REFERRING TO CHART NO. 3.
Black hose with solid white line and solid red line, with manufacturer's brand. Airplane operating on a fuel of 91 octane or LOWER can use this type of hose in the fuel system. Only this type of hose will be used in the oil and coolant systems of airplanes—has less tendency to "cold flow." T. O. 04-5-12.

4. NOTES REFERRING TO CHART NO. 4.
Triple braided hose with specification, size and manufacturer's name and trademark. Weatherhead and Aeroquip fittings can be used to make up necessary hydraulic assemblies. Weatherhead fittings do not require special tools for assembling. Special tool kit No. 8042-388, is required to install Aeroquip fittings. T. O. 04-1-8.
Temperature identification:
Yellow dot-dash line—For low temperatures to —65°F.
White dot-dash line—For warm climates. Will stand to —40°F.
Hose I.D. 1/8 to 5/16 in. inclusive—used up to 1500 per sq in.
Hose I.D. 1/8 to 5/8 in. inclusive—used up to 1000 per sq. in.

5. NOTES REFERRING TO CHART NO. 5.
Plain black or brown hose.

HOSE CLAMP INTERCHANGEABILITY AND CROSS REFERENCE CHART

To interpret chart, the following example is given: What clamps can be used on non-self sealing hose of 1-1/2" O.D. or self sealing hose of 1-7/16" O.D.? See asterisk, line 9—read straight across. The "inside diameter of clamp" in the 5th column indicates 1-1/2" hose clamp which corresponds with size of hose in examples. Reading across, we find that the following clamps can be used: 1. Aircraft Standard Parts Company clamps M-20, M-16, or M-24.—2. Wittek toggle clamp T-40W.—3. Murray Corporation AC-6.—4. Wittek FB-A-16.—5. Wittek FB-CA-16.—6. 42A11615-16.—7. AN746-12.—8. Wittek FB-16.—9. 42A2154-12.—10. Bell 40C20-16.

Non-Self Sealing Hose Spec. AN-ZZ-H-456A			Self Sealing Hose Spec. 26587			Inside Dia. of Clamp	Aircraft Standard Parts Co. Clamp Aero Seal—Type QS-100	Wittek Toggle Clamp T40W	Murray Corp. AC	Wittek FB-A	Wittek FB-CA	42A11615	AN746	Wittek FB	42A2154	Bell 40C20
Inside Dia.	Approx. Outside Dia.	Approx. Wall Size	Inside Dia.	Approx. Outside Dia.	Approx. Wall Thickness											
1/8"	1/2"	3/16"				1/2"							—4	—0	—4	—0
1/4"	5/8"	3/16"				5/8"						—4	—5	—2	—5	—2
3/8"	3/4"	3/16"				3/4"			—0	—4	—4	—6	—6	—4	—6	—4
1/2"	7/8"	3/16"				7/8"			—1	—6	—6	—8	—7	—6	—7	—6
5/8"	1"	3/16"				1"	M-12		—2	—8	—8	—10	—8	—8	—8	—8
3/4"	1-1/8"	3/16"				1-1/8"	M-12, M-16		—3	—10	—10	—12	—9		—9	
7/8"	1-1/4"	3/16"				1-1/4"	M-12, M-16		—4	—12	—12		—10	—12	—10	—12
1"	1-3/8"	3/16'	5/8"	1-5/16"		1-3/8"	M-16, M-20		—5				—11		—11	
* 1"	1-1/2"	1/4"	3/4"	1-7/16"		1-1/2"	M-16, M-20, M-24		—6	—16	—16	—16	—12	—16	—12	—16
1-1/8"	1-5/8"	1/4"				1-5/8"	M-20, M-24, M-28		—7				—13		—13	
1-1/4"	1-3/4"	1/4"	1"	1-11/16"		1-3/4"	M-20, M-24, M-28		—8	—20	—20	—20	—14		—14	—20
1-3/8"	1-7/8"	1/4"				1-7/8"	M-24, M-28, M-32		—9				—15		—15	
1-1/2"	2"	1/4"	1-1/4"	2-1/16"		2"	M-24, M-28, M-32, M-36		—10	—28	—28	—24	—16	—28	—16	—28
1-3/4"	2-1/4"	1/4"	1-1/2"	2-5/16"		2-1/4"	M-28, M-32, M-36, M-40		—12	—36	—36	—28	—18	—36	—18	—38
2"	2-1/2"	1/4"				2-1/2"	M-32, M-36, M-40, M-44		—14	—44	—44	—32	—20	—44	—20	—44
2-1/4"	2-3/4"	1/4"	2"	2-13/16"		2-3/4"	M-36, M-40, M-44, M-48		—15			—36	—22	—52	—22	—52
2-1/2"	3"	1/4"				3"	M-40, M-44, M-48, M-52		—16	—60	—60	—40	—24	—60	—24	—60
2-3/4"	3-1/4"	1/4"	2-1/2"	3-5/16"		3-1/4"	M-44, M-48, M-52, M-56					—44	—26	—68	—26	—68
3"	3-1/2"	1/4"				3-1/2"	M-48, M-52, M-56, M-60					—48	—28	—76	—28	
3-1/4"	3-3/4"	1/4"				3-3/4"	M-52, M-56, M-60, M-64					—52	—30	—84	—30	
3-1/2"	4"	1/4"				4"	M-56, M-60, M-64					—56	—32	—92	—32	
3-3/4"	4-1/4"	1/4"				4-1/4"	M-60, M-64					—60		—100		
4"	4-1/2"	1/4"				4-1/2"	M-64					—64	—36		—36	

Aromatic Resistant Self Sealing Fuel Hose

Identification Number Stamped Every 12 Inches.
AR-145 — G-145 — Goodyear Make
AR-184 — Goodrich Make
AR-250 — U. S. Rubber Make

NOTE: Available in 5/8" I.D. and larger diameters. Goodrich hose stamped 166' may be continued in service until replacement is necessary in which case the above approved hose will be used.

Aromatic Resistant Aircraft Hose

Part No. AN884 including latest amendments to Specification Nos. 26577 and AN-ZZ-H-456a.

NOTE: Available in 3/16" I.D. and larger diameters. All hose in the fuel systems of airplanes other than aromatic resistant self-sealing types, and excepting primary, basic and advanced training airplanes operating on 91 octane fuel or lower will be aromatic resistant aircraft hose.

Non Aromatic Resistant Hose

Part No. AN882—Hose Aircraft Standard lengths, Spec. No. AN-ZZ-H-456.
Part No. AN880—Hose Aircraft Standard lengths, Spec. No. 20-103 and 26577.
Part No. AN878—Hose Aircraft Standard lengths to be fabricated from hose aircraft oil and coolant Spec. 26577-A.

NOTE: Available in 1/4" I.D. and larger diameters. This type hose will be used only in the oil and coolant systems of tactical and combat airplanes, and will be used in the fuel, oil and coolant systems of primary, basic and advance airplanes operating on 91 octane fuel or lower. This type of hose will be used in the oil and coolant system of all airplanes, since this type of hose has less tendency to "cold flow" under heat.

CABLE AND TERMINAL CROSS REFERENCE CHART FOR SWAGING

Terminal Threaded End To Be Used With Clevis	Terminal AN	Sleeve Army	Terminal Navy	Terminal Consolidated	Terminal Curtiss	Terminal North American	End Douglas	Terminal Martin	Terminal Beech	Cable Size
L.H. 6-40	AN666-2L	39B617-2L	310621-10A-2L A-310621-2L	310621-10A-2L A-310621-2L	310621-10A-2L A-310621-2L	310621-10A-2L A-310621-2L	2049216-10A-2L 5018951-10A-2L	27-1-10A-2L C12-1-10A-2L	10A-2L	1/16
R.H.6-40	AN666-2R	39B617-2R	310621-10A-2R A310621-2R	310621-10A-2R A310621-2R	310521-10A-2R A310521-2R	310621-10A-2R A310621-2R	2049216-10A-2R 5018957-10A-2R	27-1-10A-2R C12-1-10A-2R	10A-2R	1/16
L.H.10-32	AN666-3L	39B617-3L	310621-21A-3L A310621-3L	310621-21A-3L A310621-3L	310621-21A-3L A310621-3L	310621-21A-3L A310621-3L	2049216-21A-3L 5018957-21A-3L	27-1-21A-3L C12-1-21A-3L		3/32
R.H.10-32	AN666-3R	39B617-3R	310621-21A-3R A310621-3R	310621-21A-3R A310621-3R	310621-21A-3R A310621-3R	310621-21A-3R A310521-3R	2049216-21A-3R 5018957-21A-3R	27-1-21A-3R C12-1-21A-3R		3/32
L.H.1/4-28	AN666-4L	39B617-4L	310621-34A-4L A310621-4L	310621-34A-4L A310621-4L	310621-34A-4L A310621-4L	310521-34A-4L A310621-4L	2049216-34A-4L 5018957-34A-4L	27-1-34A-4L C12-1-34A-4L		1/8
R.H.1/4-28	AN666-4R	39B617-4R	310621-34A-4R A310621-4R	310621-34A-4R A310621-4R	310621-34A-4R A310621-4R	310621-34A-4R A310621-4R	2049216-34A-4R 5018957-34A-4R	27-1-34A-4R C12-1-34A-4R		1/8
L.H.1/4-28	AN666-5L	39B617-5L	310621-34A-5L A310621-5L	310621-34A-5L A310621-5L	310621-34A-5L A310621-5L	310621-34A-5L A310621-5L	2049216-34A-5L 5018957-34A-5L	27-1-34A-5L C12-1-34A-5L		5/32
R.H.1/4-28	AN666-5R	39B617-5R	310621-34A-5R A310621-5R	310621-34A-5R A310621-5R	310621-34A-5R A310621-5R	310621-34A-5R A310621-5R	2049216-34A-5R 5018957-34A-5R	27-1-34A-5R C12-1-34A-5R		5/32
L.H.5/16-24	AN666-6L	39B617-6L	310621-46A-6L A310621-6L	310621-46A-6L A310621-6L	310621-46A-6L A310621-6L	310621-46A-6L A310621-6L	2049216-46A-6L 5018957-46A-6L	27-1-46A-6L C12-1-46A-6L		3/16
R.H.5/16-24	AN666-6R	39B617-6R	310621-46A-6R A310621-6R	310621-46A-6R A310621-6R	310621-46A-6R A310621-6R	310621-46A-6R A310621-6R	2049216-46A-6R 5018957-46A-6R	27-1-46A-6R C12-1-46A-6R		3/16

CABLE AND TERMINAL CROSS REFERENCE CHART FOR SWAGING

Terminal Turnbuckle End	Terminal AN	Sleeve Army	Terminal Navy	Terminal Consolidated	Terminal Curtiss	Terminal North American	Terminal Vultee	End Douglas	Terminal Martin	Terminal Ryan	Terminal Boeing	Fitting Lockheed	Terminal Fairchild	Terminal Republic	Terminal Beech	Cable Size
L.H.6-40	AN669-2L	39B620-2R	310621-8D-2L S-310621-252L	310621-8D-2L S-310621-252L	310621-8D-2L S-310621-252L	310621-8D-2L S-310621-252L	VS360-2L	2049220-8DS-2L 5018957-8DS-2L	27-4-8D-2L C12-4-8D-2L	S-162-2L	BAC1827-2L	LS838-2L	S-8D-2L			1/16
R.H.6-40	AN669-2R	39B620-2R	310621-8D-2R S-310621-252R	310621-8D-2R S-310621-252R	310621-8D-2R S-310621-252R	310621-8D-2R S-310621-252R	VS360-2R	2049220-8DS-2R 5018957-8DS-2R	27-4-8D-2R C12-4-8D-2R	S-162-2R	BAC1827-2R	LS838-2R	S-8D-2R			1/16
L.H.10-32	AN669-L3L	39B620-L-3L	310621-L16D-3L S-310621-253L	310621-L16D-3L S-310621-253L	310621-L16D-3L S-310621-253L	310621-L16D-3L S-310621-253L	VS360-33L	2049219-16D-3L 5018957-16D-3L	27-4-L16D-3L C12-4-L16D-3L	S-162-33L	BAC1827-33L	LS841-3L			L16D-3L	3/32
R.H.10-32	AN669-L-3R	39B620-L-3R	310621-L16D-3R S-310621-253R	310621-L16D-3R S-310621-253R	310621-L16D-3R S-310621-253R	310621-L16D-3R S-310621-253R	VS360-33R	2049219-16D-3R 5018957-16D-3R	27-4-L16D-3R C12-4-L16D-3R	S-162-33R	BAC1827-33R	LS841-3R				3/32
L.H.10-32	AN669-S-3L	39B620-S-3L	310621-S16D-3L S310621-S253L	310621-S16D-3L S310621-S253L	310621-S16D-3L S310621-S253L	310621-S16D-3L S310621-S253L	VS360-3L	2049220-16DS-3L 5018957-16DS-3L	27-4S16D-3L C12-4-S16D-3L	S-162-3L	BAC1827-3L	LS838-3L				3/32
R.H.10-32	AN669-S-3R	39B620-S-3R	310621-S16D-3R S310621-S253R	310621-S16D-3R S310621-S253R	310621-S16D-3R S310621-S253R	310621-S16D-3R S310621-S253R	VS360-3R	2049220-16DS-3R 5018957-16DS-3R	27-4-16D-3R C12-4-S16D-3R	S-162-3R	BAC1827-3R	LS838-3R				3/32
L.H.12-28	None	39B620-L-4L	310621-L21D-4L S310621-L254L	310621-L21D-4L S310621-L254L	310621-L21D-4L S310621-L254L	310621-L21D-4L S310621-L254L	VS360-44L	2049219-21D-4L 5018957-21D-4L	27-4-L21D-4L C12-4-L21D-4L	S-162-44L	BAC1827-24L	LS841-4L				1/8
R.H.12-28	None	39B620-L-4R	310621-L21D-4R S310621-L254R	310621-L21D-4R S310621-L254R	310621-L21D-4R S310621-L254R	310621-L21D-4R S310621-L254R	VS360-44R	2049219-21D-4R 5018957-21D-4R	27-4-L21D-4R C12-4-L21D-4R	S-162-44R	BAC1827-24R	LS841-4R				1/8
L.H.12-28	None	39B620-S-4L	310621-S21D-4L S310621-S254-L	310621-S21D-4L S310621-S254-L	310621-S21D-4L S310621-S254-L	310621-S21D-4L S310621-S254-L	VS360-4L	2049220-21DS-4L 5018957-21DS-4L	27-4-S21D-4L C12-4-S21D-4L	S-162-4L	BAC1827-4L	LS838-4L		S-21D-4L	S-21D-4L	1/8
R.H.12-28	None	39B620-S-4R	310621-S21D-4R S310621-S254-R	310621-S21D-4R S310621-S254-R	310621-S21D-4R S310621-S254-R	310621-S21D-4R S310621-S254-R	VS360-4R	2049220-21DS-4R 5018957-21DS-4R	27-4-S21D-4R C12-4-S21D-4R	S-162-4R	BAC1827-4R	LS838-4R				1/8
L.H.1/4-28	AN669-L-5L	39B620-L-5L	310621-L32D-5L S310621-L255-L	310621-L32D-5L S310621-L255-L	310621-L32D-5L S310621-L255-L	310621-L32D-5L S310621-L255-L	VS360-55L	2049219-32D-5L 5018957-32D-5L	27-4-L32D-5L C12-4-L32D-5L	S-162-55L	BAC1827-25L	LS841-5L			L-32D-5L	5/32
R.H.1/4-28	AN669-L-5R	39B620-L-5R	310621-L32D-5R S310621-L255-R	310621-L32D-5R S310621-L255-R	310621-L32D-5R S310621-L255-R	310621-L32D-5R S310621-L255-R	VS360-55R	2049219-32D-5R 5018957-32D-5R	27-4-L32D-5R C12-4-L32D-5R	S-162-55R	BAC1827-25R	LS841-5R			L-32D-5R	5/32
L.H.1/4-28	AN669-S-5L	39B620-S-5L	310621-S32D-5L S310621-S255-L	310621-S32D-5L S310621-S255-L	310621-S32D-5L S310621-S255-L	310621-S32D-5L S310621-S255-L	VS360-5L	2049220-32DS-5L 5018957-32DS-5L	27-4-S32D-5L C12-4-S32D-5L	S-162-5L	BAC1827-5L	LS838-5L			S-32D-5L	5/32
R.H.1/4-28	AN669-S-5R	39B620-S-5R	310621-S32D-5R S310621-S255-R	310621-S32D-5R S310621-S255-R	310621-S32D-5R S310621-S255-R	310621-S32D-5R S310621-S255-R	VS360-5R	2049220-32DS-5R 5018957-32DS-5R	27-4-S32D-5R C12-4-S32D-5R	S-162-5R	BAC1827-5R					5/32
L.H.5/16-24	AN669-L-6L	39B620-L-6L	310621-L46D-6L S310621-L256-L	310621-L46D-6L S310621-L256-L	310621-L46D-6L S310621-L256-L	310621-L46D-6L S310621-L256-L	VS360-66L	2049219-46D-6L 5018957-46D-6L	27-4-L46D-6L C12-4-L32D-6L	S-162-66L	BAC1827-66L	LS841-6L		L-46D-6L		3/16
R.H.5/16-24	AN669-L-6R	39B620-L-6R	310621-L46D-6R S310621-L256-R	310621-L46D-6R S310621-L256-R	310621-L46D-6R S310621-L256-R	310621-L46D-6R S310621-L256-R	VS360-66R	2049219-46D-6R 5018957-46D-6R	27-4-L46D-6R C12-4-L46D-6R	S-162-66R	BAC1827-66R	LS841-6R		L-46D-6R		3/16
L.H.5/16-24	AN669-S-6L	39B620-S-6L	310621-S46D-6L S310621-S256-L	310621-S46D-6L S310621-S256-L	310621-S46D-6L S310621-S256-L	310621-S46D-6L S310621-S256-L	VS360-6L	2049220-46DS-6L 5018957-46DS-6L	27-4-S46D-6L C12-4-S46D-6L	S-162-6L	BAC1827-6L	LS838-6L				3/16
R.H.5/16-24	AN669-S-6R	39B620-S-6R	310621-S46D-6R S310621-S256-R	310621-S46D-6R S310621-S256-R	310621-S46D-6R S310621-S256-R	310621-S46D-6R S310621-S256-R	VS360-6R	2049220-46DS-6R 5018957-46DS-6R	27-4-S46D-6R C12-4-S46D-6R	S-162-6R	BAC1827-6R	LS838-6R				3/16
L.H.3/8-24	AN669-7L	39B620-7L	310621-80D-7L S310621-257L	310621-80D-7L S310621-257L	310621-80D-7L S310621-257L	310621-80D-7L S310621-257L	VS360-7L	2049219-80D-7L 5018957-80D-7L	27-4-80D-7L C12-4-80D-7L	S-162-7L	BAC1827-7L	LS841-7L				7/32
R.H.3/8-24	AN669-7R	39B620-7R	310621-80D-7R S310621-257-R	310621-80D-7R S310621-257-R	310621-80D-7R S310621-257-R	310621-80D-7R S310621-257-R	VS360-7R	2049219-80D-7R 5018957-80D-7R	27-4-80D-7R C12-4-80D-7R	S-162-7R	BAC1827-7R	LS841-7R				7/32
L.H.3/8-24	AN669-8L	39B620-8L	310621-80D-8L S310621-258-L	310621-80D-8L S310621-258-L	310621-80D-8L S310621-258-L	310621-80D-8L S310621-258-L	VS360-8L	2049219-80D-8L 5018957-125D-8L	27-4-80D-8L C12-4-80D-8L	S-162-8L	BAC1827-8L					1/4
R.H.3/8-24	AN669-8R	39B620-8R	310621-80D-8R S310621-258-R	310621-80D-8R S310621-258-R	310621-80D-8R S310621-258-R	310621-80D-8R S310621-258-R	VS360-8R	2049219-80D-8R 5018957-125D-8R	27-4-80D-8R C12-4-80D-8R	S-162-8R	BAC1827-8R					1/4
L.H.7/16-20	AN669-9L	39B620-9L	310621-25D-9L S310621-259-L	310621-25D-9L S310621-259-L	310621-25D-9L S310621-259-L	310621-25D-9L S310621-259-L	VS360-9L		27-4-25D-9L	S-162-9L	BAC1827-9L					9/32
R.H.7/16-20	AN669-9R	39B620-9R	310621-25D-9R S310621-259-R	310621-25D-9R S310621-259-R	310621-25D-9R S310621-259-R	310621-25D-9R S310621-259-R	VS360-9R		27-4-25D-9R	S-162-9R	BAC1827-9R					9/32
L.H.1/2-20	AN669-10L	39B620-10L	S310621-260-L	S310621-260-L	S310621-260-L	S310621-260-L										5/16
R.H.1/2-20	AN669-10R	39B620-10R	S310621-260-R	S310621-260-R	S310621-260-R	S310621-260-R										5/16

CABLE AND TERMINAL CROSS REFERENCE CHART FOR SWAGING

Terminal Eye End	Terminal AN	Eye Army	Terminal Navy	Terminal Consolidated	Terminal Curtiss	Terminal North American	Terminal Vultee	End Douglas	Terminal Martin	Terminal Ryan	Terminal Boeing	Fitting Lockheed	Terminal Republic	Terminal Beech	Cable Size
"	AN668-2	39B618-2	310621-B-2 B310621-22	310621-B-2 B310621-22	310621-B-2 B310621-22	310621-B-2 B310621-22	VS361-2	2049217-B-2 5018957-8B-2	27-2-B-2 C12-2-B-2	S-160-2	BAC1826-2	LS839-2		B-2	1/16
"	AN668-3	39B618-3	310621-B-3 B310621-23	310621-B-3 B310621-23	310621-B-3 B310621-23	310621-B-3 B310621-23	VS361-3	2049217-B-3 5018957-16B-3	27-2-B-3 C12-2-B-3	S-160-3	BAC1826-3	LS839-3			3/32
"	AN668-4	39B618-4	310621-B-4 B310621-24	310621-B-4 B310621-24	310621-B-4 B310621-24	310621-B-4 B310621-24	VS361-4	2049217-B-4 5018957-21B-4	27-2-B-4 C12-2-B-4	S-160-4	BAC1826-4	LS839-4		B-4	1/8
"	AN668-5	39B618-5	310621-B-5 B310621-25	310621-B-5 B310621-25	310621-B-5 B310621-25	310621-B-5 B310621-25	VS361-5	2049217-B-5 5018957-32B-5	27-2-B-5 C12-2-B-5	S-160-5	BAC1826-5	LS839-5		B-5	5/32
"	AN668-6	39B618-6	310621-B-6 B310621-26	310621-B-6 B310621-26	310621-B-6 B310621-26	310621-B-6 B310621-26	VS361-6	2049217-B-6 5018957-46B-6	27-2-B-6 C12-2-B-6	S-160-6	BAC1826-6	LS839-6		B-6	3/16
"	AN668-7	39B618-7	310621-B-7 B310621-27	310621-B-7 B310621-27	310621-B-7 B310621-27	310621-B-7 B310621-27	VS361-7	2049217-B-7 5018957-80B-7	27-2-B-7 C12-2-B-7	S-160-7	BAC1826-7	LS839-7			7/32
"	AN668-8	39B618-8	310621-B-8 B310621-28	310621-B-8 B310621-28	310621-B-8 B310621-28	310621-B-8 B310621-28	VS361-8	2049217-B-8 5018957-125B-8	27-2-B-8 C12-2-B-8	S-160-8	BAC1826-8				1/4
"	AN668-9	39B618-9	310621-B-9 B310621-29	310621-B-9 B310621-29	310621-B-9 B310621-29	310621-B-9 B310621-29	VS361-9		27-2-B-9 C12-2-B-9	S-160-9	BAC1826-9				9/32
"	AN668-10	39B618-10													5/16
Terminal Fork End		Fork Army													
"	AN667-2	39B619-2	310621-C-2 C-310621-42	310621-C-2 C-310621-42	310621-C-2 C-310621-42	310621-C-2 C-310621-42	VS362-2	204928-C-2 5018957-8C-2	27-3-C-2 C12-3-C-2	S-161-2	BAC1825-2	LS840-2			1/16
"	AN667-3	39B619-3	310[illegible]-3 C-310621-43	310621-C-3 C-310621-43	310621-C-3 C-310621-43	310621-C-3 C-310621-43	VS362-3	2049218-C-3 5018957-16C-3	27-3-C-3 C12-3-C-3	S-161-3	BAC1825-3	LS840-3			3/32
"	AN667-4	39B619-4	310621-C-4 C-310621-44	310621-C-4 C-310621-44	310621-C-4 C-310621-44	310621-C-4 C-310621-44	VS362-4	2049218-C-4 5018957-21C-4	27-3-C-4 C12-3-C-4	S-161-4	BAC1825-4	LS840-4			1/8
"	AN667-5	39B619-5	310621-C-5 C-310621-45	310621-C-5 C-310621-45	310621-C-5 C-310621-45	310621-C-5 C-310621-45	VS362-5	2049218-C-5 5018957-32C-5	27-3-C-5 C12-3-C-5	S-161-5	BAC1825-5	LS840-5			5/32
"	AN667-6	39B619-6	310621-C-6 C-310621-46	310621-C-6 C-310621-46	310621-C-6 C-310621-46	310621-C-6 C-310621-46	VS362-6	2049218-C-6 5018957-46C-6	27-3-C-6 C12-3-C-6	S-161-6	BAC1825-6	LS840-6			3/16
"	AN667-7	39B619-7	310621-C-7 C-310621-47	310621-C-7 C-310621-47	310621-C-7 C-310621-47	310621-C-7 C-310621-47	VS362-7	2049218-C-7 5018957-80C-7	27-3-C-7 C12-3-C-7	S-161-7	BAC1825-7	LS840-7			7/32
"	AN667-8	39B619-8	310621-C-8 C-310621-48	310621-C-8 C-310621-48	310621-C-8 C-310621-48	310621-C-8 C-310621-48	VS362-8	2049218-C-8 5018957-125C-8	27-3-C-8 C12-3-C-8	S-161-8	BAC1825-8				1/4
"	AN667-9	39B619-9	210621-C-9 C-310621-49	210621-C-9 C-310621-49	210621-C-9 C-310621-49	210621-C-9 C-310621-49	VS362-9		27-3-C-9 C12-3-C-9	S-161-9	BAC1825-9				9/32
"	AN667-10	39B619-10													5/16

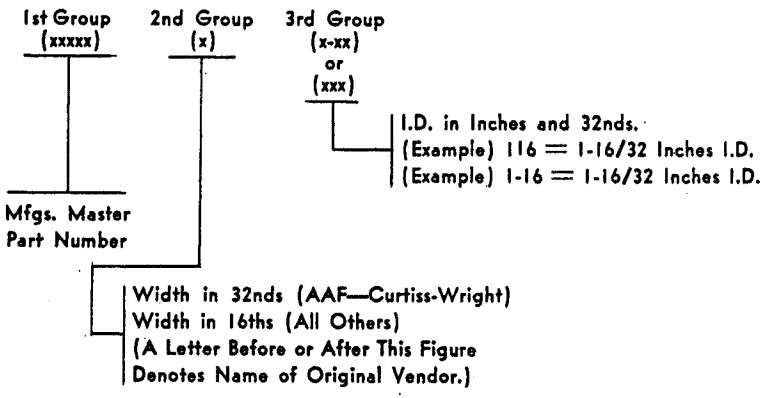
INTERCHANGEABLE HYDRAULIC "V" RING PACKINGS

AN Standard AN6225*	W. REF.	I. D.	O. D.	Stk. Ht.	AAF Standard 40B629*	Cleve. Pneum. Tool L-7A	Bendix Avia. 185S	Douglas Airc. 5135865*	N. Amer. Avia. B1298G*	United Airc. 20333*	Airc. Acces. Corp. 2002	Curtiss-Wright SS114
-1	3/16	1/8	1/2	.083	-6-004			-3-004	3-0-4	-3-004	-3-004	-6-004
-2	3/16	3/16	9/16	.083	-6-006			-3-006	3-0-6	-3-006	-3-006	-6-006
-3	3/16	1/4	5/8	.083	-6-008			-3-008	3-0-8	-3-008	-3-008	-6-008
-4	3/16	5/16	11/16	.083	-6-010			-3-010	3-0-10	-3-010	-3-010	-6-010
-5	3/16	3/8	3/4	.083	-6-012			-3-012	3-0-12	-3-012	-3-012	-6-012
-6	3/16	7/16	13/16	.083	-6-014			-3-014	3-0-14	-3-014	-3-014	-6-014
-7	3/16	1/2	7/8	.083	-6-016			-3-016	3-0-16	-3-016	-3-016	-6-016
-8	1/4	1/4	3/4	.083	-8-008			-4-008	4-0-8	-4-008	-4-008	-8-008
-9	1/4	5/16	13/16	.083	-8-010			-4-010	4-0-10	-4-010	-4-010	-8-010
-10	1/4	3/8	7/8	.083	-8-012			-4-012	4-0-12	-4-012	-4-012	-8-012
-11	1/4	7/16	15/16	.083	-8-014			-4-014	4-0-14	-4-014	-4-014	-8-014
-12	1/4	1/2	1	.083	-8-016			-4-016	4-0-16	-4-016	-4-016	-8-016
-13	1/4	9/16	1-1/16	.083	-8-018			-4-018	4-0-18	-4-018	-4-018	-8-018
-14	1/4	5/8	1-1/8	.083	-8-020			-4-020	4-0-20	-4-020	-4-020	-8-020
-15	1/4	11/16	1-3/16	.083	-8-022			-4-022	4-0-22	-4-022	-4-022	-8-022
-16	1/4	3/4	1-1/4	.083	-8-024			-4-024	4-0-24	-4-024	-4-024	-8-024
-17	1/4	13/16	1-5/16	.083	-8-026			-4-026	4-0-26	-4-026	-4-026	-8-026
-18	1/4	7/8	1-3/8	.083	-8-028			-4-028	4-0-28	-4-028	-4-028	-8-028
-19	1/4	15/16	1-7/16	.083	-8-030			-4-030	-4-030	-4-030	-4-030	-8-030
-20	1/4	1	1-1/2	.083	-8-100			-4-100	4-1-0	-4-100	-4-100	-8-100
-21	1/4	1-1/16	1-9/16	.083	-8-102			-4-102	4-1-2	-4-102	-4-102	-8-102
-22	1/4	1-1/8	1-5/8	.083	-8-104			-4-104	4-1-4	-4-104	-4-104	-8-104
-23	1/4	1-3/16	1-11/16	.083	-8-106			-4-106	4-1-6	-4-106	-4-106	-8-106
-24	1/4	1-1/4	1-3/4	.083	-8-108	125L175-7A		-4-108	4-1-8	-4-108	-4-108	-8-108
-25	5/16	1-1/4	1-7/8	.140	10-108		185S2	-5-108	5-1-8	-5-108	-5-108	-10-108
-26	5/16	1-3/8	2	.140	10-112		185S6	-5-112	5-1-12	-5-112	-5-112	-10-112
-27	5/16	1-1/2	2-1/8	.140	10-116	150L212-7A	185S9	-5-116	5-1-16	-5-116	-5-116	-10-116
-28	5/16	1-5/8	2-1/4	.140	10-120	162L225-7A	185S13	-5-120	5-1-20	-5-120	-5-120	-10-120
-29	5/16	1-3/4	2-3/8	.140	10-124	175L237-7A	185S16	-5-124	5-1-24	-5-124	-5-124	-10-124
-30	5/16	1-7/8	2-1/2	.140	10-128	187L250-7A	185S19	-5-128	5-1-28	-5-128	-5-128	-10-128
-31	5/16	2	2-5/8	.140	10-200	200L262-7A	185S21	-5-200	5-2-0	-5-200	-5-200	-10-200
-32	5/16	2-1/8	2-3/4	.140	10-204	212L275-7A	185S23	-5-204	5-2-4	-5-204	-5-204	-10-204
-33	5/16	2-1/4	2-7/8	.140	10-208	225L287-7A	185S25	-5-208	5-2-8	-5-208	-5-208	-10-208
-34	5/16	2-3/8	3	.140	10-212		185S28	-5-212	5-2-12	-5-212	-5-212	-10-212
-35	5/16	2-1/2	3-1/8	.140	10-216		185S29	-5-216	5-2-16	-5-216	-5-216	-10-216
-36	3/8	2-1/2	3-1/4	.156	12-216	250L325-7A	185S30	-6-216	6-2-16	-6-216	-6-216	-12-216
-37	3/8	2-5/8	3-3/8	.156	12-220	262L337-7A		6-220	6-2-20	-6-220	-6-220	-12-220
-38	3/8	2-3/4	3-1/2	.156	12-224	275L350-7A	185S35	6-224	6-2-24	-6-224	-6-224	-12-224
-39	3/8	2-7/8	3-5/8	.156	12-228			6-228	6-2-28	-6-228	-6-228	-12-228
-40	3/8	3	3-3/4	.156	12-300	300L375-7A	185S39	6-300	6-3-0	-6-300	-6-300	-12-300
-41	3/8	3-1/8	3-7/8	.156	12-304			6-304	6-3-4	-6-304	-6-304	-12-304
-42	3/8	3-1/4	4	.156	12-308	325L400-7A	185S42	6-308	6-3-8	-6-308	-6-308	-12-308
-43	3/8	3-3/8	4-1/8	.156	12-312			6-312	6-3-12	-6-312	-6-312	-12-312
-44	3/8	3-1/2	4-1/4	.156	12-316	350L425-7A	185S45	6-316	6-3-16	-6-316	-6-316	-12-316
-45	3/8	3-5/8	4-3/8	.156	12-320		185S46	6-320	6-3-20	-6-320	-6-320	-12-320
-46	3/8	3-3/4	4-1/2	.156	12-324	375L450-7A	185S47	6-324	6-3-24	-6-324	-6-324	-12-324
-47	3/8	3-7/8	4-5/8	.156	12-328			6-328	6-3-28	-6-328	-6-328	-12-328
-48	7/16	3-7/8	4-3/4	.197	14-328			7-328	7-3-28	-7-328	-7-328	-14-328
-49	7/16	4	4-7/8	.197	14-400	400L487-7A	185S51	7-400	7-4-0	-7-400	-7-400	-14-400
-50	7/16	4-1/4	5-1/8	.197	14-408	425L512-7A	185S54	7-408	7-4-8	-7-408	-7-408	-14-408
-51	7/16	4-1/2	5-3/8	.197	14-416	450L537-7A	185S56	7-416	7-4-16	-7-416	-7-416	-14-416
-52	7/16	4-3/4	5-5/8	.197	14-424	475L562-7A	185S58	7-424	7-4-24	-7-424	-7-424	-14-424
-53	7/16	5	5-7/8	.197	14-500	500L587-7A	185S60	7-500	7-5-0	-7-500	-7-500	-14-500
-54	7/16	5-1/4	6-1/8	.197	14-500	525L612-7A	185S63	7-508	7-5-8	-7-508	-7-508	-14-508
-55	7/16	5-1/2	6-3/8	.197	14-516	550L637-7A	185S65	7-516	7-5-16	-7-516	-7-516	-14-516
-56	1/2	5-1/2	6-1/2	.197	16-516			8-516	8-5-16	-8-516	-8-516	-16-516
-57	1/2	5-3/4	6-3/4	.197	16-524		185S68	8-524	8-5-24	-8-524	-8-524	-16-524
-58	1/2	6	7	.197	16-600	600L700-7A	185S70	8-600	8-6-0	-8-600	-8-600	-16-600
-59	1/2	6-1/4	7-1/4	.197	16-608	625G725-7A	185S71	8-608	8-6-8	-8-608	-8-608	-16-608
-60	1/2	6-1/2	7-1/2	.197	16-616		185S72	8-616	8-6-16	-8-616	-8-616	-16-616

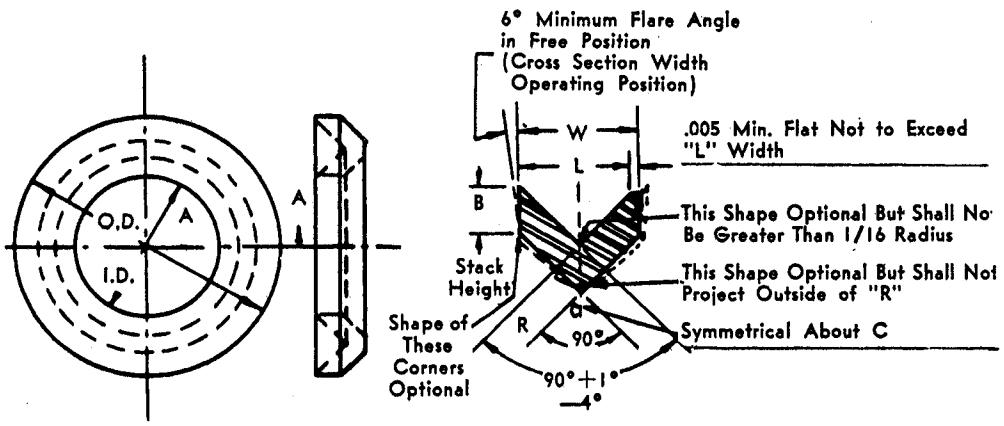
INTERCHANGEABLE HYDRAULIC "V" RING PACKINGS

AN Standard AN6225*	W. Ref.	I.D.	O.D.	Stk. Ht.	AAF Standard 40B629*	Cleve. Pneum. Tool L-7A	Bendix Avia. 185S	Douglas Airc. 5135865*	N. American Aviation B1298G*	United Aircraft 20333*	Aircraft Accessories Corp. 2002	Curtiss-W. SS114
-61	1/2	6 3/4	7 3/4	.197	16-624		185S73	8-624	8-6-24	8-624	-8-624	-16-624
-62	1/2	7	8	.197	16-700		185S74	8-700	8-7-0	8-700	-8-700	-16-700
-63	1/2	7 1/4	8 1/4	.197	16-708		185S75	8-708	8-7-8	8-708	-8-708	-16-708
-64	1/2	7 1/2	8 1/2	.197	16-716		185S76	8-716	8-7-16	8-716	-8-716	-16-716
-65	1/2	7 3/4	8 3/4	.197	16-724		185S77	8-724	8-7-24	8-724	-8-724	-16-724
-66	1/2	8	9	.197	16-800		185S78	8-800	8-8-0	8-800	-8-800	-16-800
-67	1/2	8 1/2	9 1/2	.197	16-816		185S80	8-816	8-8-16	8-816	-8-816	-16-816
-68	1/2	9	10	.197	16-900			8-900	8-9-0	8-900	-8-900	-16-900
-69	1/2	9 1/2	10 1/2	.197	16-916			8-916	8-9-16	8-916	-8-916	-16-916
-70	1/2	10	11	.197	16-1000		185S86	8-1000	8-10-0	8-1000	-8-1000	-16-1000
-71	1/2	10 1/2	11 1/2	.197	16-1016			8-1016	8-10-16	8-1016	-8-1016	-16-1016
-72	1/2	11	12	.197	16-1100			8-1100	8-11-0	8-1100	-8-1100	-16-1100

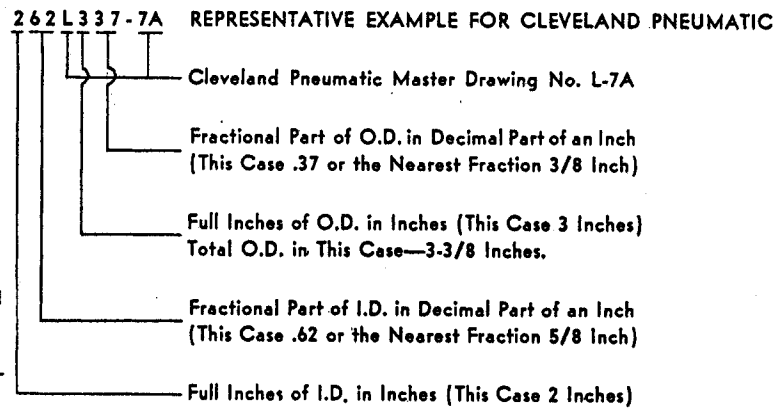
Decoding of Numbers as Follows:



Example:	1st Group	2nd Group	3rd Group
(AAF)	40B629	16	624
(Douglas)	5135865	8	624
(N. A.)	B1298G	8	6-24
(Unit. Air.)	20333	8	624
(Air. Acc.)	2002	8	624
(Curtiss)	SS114	16	624



Enlarged Section A-A



Bendix Aviation Numbers Not According to Coding System.

★

AN-AC-NAF CONVERSION CHARTS

★

INSTRUCTIONS FOR THE USE OF THESE CONVERSION CHARTS

The charts contained in this booklet are designed to provide a convenient tabulation from which it can be determined, for purposes of substitution or replacement, how fittings of the various standard styles as used by the Army Air Forces and the Naval Aircraft Factory compare with each other. **The fittings illustrated appear in their AN numerical order.**

To illustrate, the following examples demonstrate how the charts are used.

Example 1: Assume a case where it is necessary to replace part AC811-CT-8D but no AC fitting is available. What comparable fitting that you may have in stock could be substituted?

Procedure: Refer to Index and note that part AC811-CT is listed on page 12. From page 12 it will be noted that part AN822 is the active current part. Comparing dimensions A and B for parts AN822-8D and AC811-CT-8D shows that AN822-8D is slightly longer on dimension A. However, this will be satisfactory as the existing tubing can be pulled back or cut back and reflared to use AN822-8D. Next check the thread sizes. From "Thread Sizes—Tube Fittings" on page 3 it is determined that the thread sizes differ. The tube thread for AN822-8D being $\frac{3}{4}$-16 while the tube thread on AC811-CT-8D is $\frac{3}{4}$-18. Therefore, per note 1 page 3 AN818-8D nuts and AN819-8D sleeves must be used with AN822-8D and the replacement made as a complete unit.

Example 2: Assume a case where it is necessary to replace part AC811-FT-5D but this part is not available. What comparable fitting could be used instead?

Procedure: Refer to Index from which it is noted that part AC811-FT is listed on page 9. On page 9 it is found that part AN816-5D is the current active part comparing to AC-811-FT-5D. Checking dimension A on the two parts shows that AN816-5D is $\frac{5}{64}$" shorter than the old part. It is very likely possible to gain this small difference by adjustment of the tubing to which connection will be made. Next, check thread sizes on page 3. Part AN816-5D has the same thread size as AC811-FT-5D; namely, $\frac{1}{2}$-20 and will mate with existing AC811 nut and sleeve. From note 4 page 3, you will find that this combination is satisfactory and therefore AN816-5D can be used as a replacement if you have it.

Example 3: Assume a replacement on part NAF 213826-10D. What AN fitting should be used?

Procedure: Refer to Index from which it is found that part NAF 213826-10D is listed on page 15. Checking page 15, it is seen that the current AN part that is comparable is part AN832-10D. Therefore, per note 2 page 3, the replacement should be made with part AN832-10D plus nuts AN817-10D. However, in case nuts AN817-10D are not on hand, you can use part AN832-10D with the existing nuts NAF 213690-10D. This is determined from thread sizes, page 3, which shows that the tube thread for NAF fittings -10 size is $\frac{7}{8}$-14 or the same tube thread as for AN fittings -10 size.

AN ★ AC ★ NAF
CONVERSION CHARTS

1. All similar parts of same dash numbers are interchangeable as a complete unit (fitting with nuts and sleeves). AN fittings are the current active standard for both Army Air Force and Bureau of Aeronautics new design.
2. In accordance with the Bureau of Aeronautics' letter of December 26, 1942, manufacturers do not accept orders for NAF parts as they should be replaced by the AN fittings as a unit. NAF parts are inactive for new design.
3. The AC 811 fittings are inactive for new design.
4. AN and AC 811 tube fittings in sizes 1/8", 3/16", 1/4", 5/16", 13/4" and 2" are interchangeable and can be used with any combination of sleeves and nuts EXCEPT the combination of an AC 811 fitting with an 811 sleeve and AN nut or an AC 811 fitting with an AN nut and AN sleeve. This per Wright Field's Memorandum EXP-M-51/AD1058, Addendum No. 3 dated November 7, 1942. ENG-M-51/AD-1058 Addendum No. 7 dated March 20, 1943, and Wright Field letter GVA:REH-70-5M dated June 2, 1943.
5. Manufacturers do not accept orders for AC 811 brass fittings as they have been advised by Wright Field under date of December 4, 1942, that they could discontinue manufacturing them.
6. The AN 819 sleeve is interchangeable with the AC 811 sleeve in all sizes. AN 819 aluminum bronze (Duronze III) sleeves can be used with all sizes of aluminum alloy and steel tubing. Sleeves fabricated of steel must be used with steel tubing only.
7. General Limitation Order L-313 issued by the War Production Board under date of September 23, 1943, restricts any producer of aircraft plumbing fittings to furnish only "AN" standard fittings after March 1, 1944. Only certain exceptions, such as direct purchases by Army Air Forces or Navy Bureau of Aeronautics and maintenance requirements, are allowed.

MATERIALS SPECIFICATIONS

Aluminum: AN-QQ-A-351 Cond. T., AN-QQ-A-367 Grade No. 1.

Steel: AN-S-9, AN-S-14, AN-S-16, AN-QQ-S-684, AN-QQ-S-687, AN-QQ-S-689. Steel parts made from X-1314, X-1315 and X-1335 steel are being furnished per Bureau of Aeronautics' and Wright Field's deviation. Steel AN 913 plugs use specification AN-QQ-S-646 only.

Bronze: AN-QQ-B-721 Class A, one-half hard, AN-QQ-B-666 Grade B and AN-QQ-B-691, Comp. 2.

Brass: AN-QQ-B-611.

FINISH SPECIFICATIONS

Aluminum Alloy, anodized, AN-QQ-A-696.

Brass, Bronze and Steel. Cadmium Plated, AN-QQ-P-421. Zinc plating may be substituted per directive from Bureau of Aeronautics and Wright Field.

THREAD SIZES—TUBE FITTINGS

DASH† NUMBERS	— 2	— 3	— 4	— 5	— 6	— 7	— 8	— 10	— 12	— 16	— 20	— 24	— 25	— 28	— 32
TUBE SIZE	1/8	3/16	1/4	5/16	3/8	7/16	1/2	5/8	3/4	1	1 1/4	1 1/2	1 1/2	1 3/4	2
AN	5/16-24	3/8-24	7/16-20	1/2-20	9/16-18		3/4-16	7/8-14	1 1/16-12	1 5/16-12	1 5/8-12	1 7/8-12	1 7/8-12	2 1/4-12	2 1/2-12
AC 811	5/16-24	3/8-24	7/16-20	1/2-20	9/16-20	5/8-20	3/4-18	7/8-18	1 1/16-14	1 5/16-14	1 5/8-14	1 7/8-14		2 1/4-12	2 1/2-12
NAF	5/16-24	3/8-24	7/16-20	1/2-20	9/16-18	5/8-18	3/4-16	7/8-14	1-14	1 1/4-12	1 1/2-12	1 3/4-12			2 1/4-12
Standard Companion Pipe Thread Size When Pipe Thread Used On Same Fitting	1/8"	1/8"	1/8"	1/8"	1/4"	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	1 1/4"	1 1/2"	2"

†AN316 and 11-1039-1 lock nuts page 29 do not follow this standard.

PIPE SIZES—PIPE FITTINGS

DASH NUMBERS	— 1	— 2	— 3	— 4	— 5	— 6	— 8	— 10
AN TYPE*	1/8"	1/4"	3/8"	1/2"		3/4"	1"	1 1/4"
NAF TYPE*	1/8"	1/4"	3/8"	1/2"	3/4"	3/4" or 1"	1"	1 1/4"

*Dash Numbers for Reducing Bushing NAF 213765 and AN 912 do not follow this standard.

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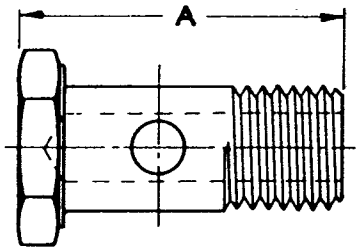
BOLT:

UNIVERSAL FITTING

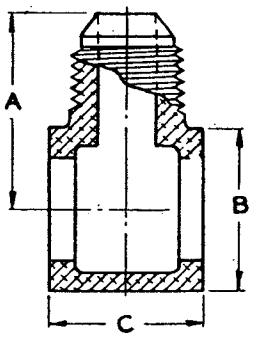


SIZE & MATERIAL		AN PART NO.		AC AND PARKER PART NUMBERS					
		ACTIVE		INACTIVE					
Alum. all Types	Steel all Types	Part No.	Dimension A	Part No.	Parker Part No.	Weatherhead No. Dural	Weatherhead No. Steel	Dimension A	Parker Special
4D	4	AN 775-4	1 3/8	AC 40B374-4	3175-11-4	276481	276491	1 1/2	3181-2-4
5D	5	-5	1 3/8	-5	-5	276482	276492	1 1/2	-5
6D	6	-6	1 9/16	-6	-6	276483	276493	1 11/16	-6
8D	8	-8	1 15/16	-8	-8	276484	276494	2	-8
10D	10	-10	2 1/4	-10	-10	276485	276495	2 5/16	-10
12D	12			-12	-12	276486	276496	2 3/4	-12
16D	16			-16	-16	276487	276497	3 1/4	-16

The AC 40B374 series are interchangeable with the Parker 3175-11 series.
The Parker 3181-2 series can be replaced with either the AC 40B374 or Parker 3175-11 series, but only as a complete unit. (Fittings, bolt and washers).

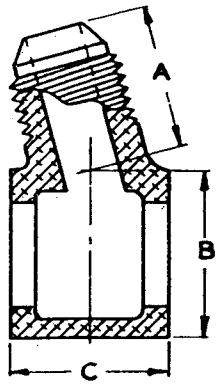
ELBOW:

UNIVERSAL 90°



Size and Material		AN PART NUMBER				AC AND PARKER PART NUMBERS							
		INACTIVE				INACTIVE							
Alum. all Types	Steel all Types	Part No.	Dimensions A	B	C	Part No.	Parker Part No.	Weatherhead No. Dural	Weatherhead No. Steel	Dimensions A	B	C	Parker Special
4D	4	AN 776-4	1 1/8	13/16	3/4	AC 40D370-4	3175-4-4	276401	276411	1 1/16	13/16	3/4	3181-5-4
5D	5	-5	1 1/8	13/16	3/4	-5	-5	276402	276412	1 1/8	13/16	3/4	-5
6D	6	-6	1 1/4	1	7/8	-6	-6	276403	276413	1 1/8	1	7/8	-6
8D	8	-8	1 7/16	1 3/16	1 1/8	-8	-8	276404	276414	1 3/8	1 3/16	1 1/8	-8
10D	10	-10	1 21/32	1 3/8	1 3/8	-10	-10	276405	276415	1 9/16	1 3/8	1 3/8	-10
12D	12					-12	-12	276406	276416	1 13/16	1 11/16	1 5/8	-12
16D	16					-16	-16	276407	276417	2 3/16	2 1/16	2	-16

The AC 40D370 series are interchangeable with the Parker 3175-4.
The Parker 3181-5 series can be replaced with either the AC 40D370 or Parker 3175-4 series, but only as a complete unit. (Fitting, bolt and washers).
AN 776 series inactive. For new design, use AN 833, page 16.
It has been requested that the AN 776 series be made active as it is impossible to use the AN 833 series when two bosses are close together.

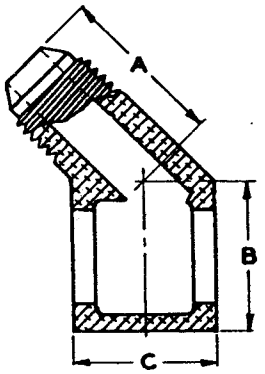


ELBOW:

UNIVERSAL 75°

Size & Material		AN PART NUMBER				AC AND PARKER PART NUMBERS							
		ACTIVE				INACTIVE							
Alum. all Types	Steel all Types	Part No.	Dimensions A	B	C	Part No.	Parker Part No.	Weatherhead No. Dural	Steel	Dimensions A	B	C	Parker Spec. No.
4D	4	AN 777-4	13/16	13/16	3/4	AC 40D371-4	3175-5-4	276421	276431	3/4	13/16	3/4	3181-6-4
5D	5	-5	13/16	13/16	3/4	-5	-5	276422	276432	3/4	13/16	3/4	-5
6D	6	-6	7/8	1	7/8	-6	-6	276423	276433	3/4	1	7/8	-6
8D	8	-8	1 1/32	13/16	1 1/8	-8	-8	276424	276434	15/16	13/16	1 1/8	-8
10D	10	-10	1 3/16	1 3/8	1 3/8	-10	-10	276425	276435	1	1 3/8	1 3/8	-10
12D	12					-12	-12	276426	276436	1 1/8	1 11/16	1 5/8	-12
16D	16					-16	-16	276427	276437	1 5/16	2 1/16	2	-16

The AC 40D371 series are interchangeable with the Parker 3175-5 series.
The Parker 3181-6 series can be replaced with either the AC 40D371 or Parker 3175-5 series, but only as a complete unit. (Fitting, bolt and washers)



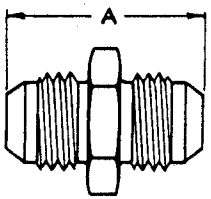
ELBOW:

UNIVERSAL 45°

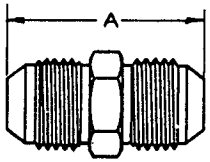
Size & Material		AN PART NUMBER				AC AND PARKER PART NUMBERS							
		INACTIVE				INACTIVE							
Alum. all Types	Steel all Types	Part No.	Dimensions A	B	C	Part No.	Parker Part No.	Weatherhead No. Dural	Steel	Dimensions A	B	C	Parker Special
4D	4	AN 778-4	1	13/16	3/4	AC 40D372-4	3175-6-4	276441	276451	15/16	13/16	3/4	3181-8-4
5D	5	-5	1	13/16	3/4	-5	-5	276442	276452	15/16	13/16	3/4	-5
6D	6	-6	1 1/16	1	7/8	-6	-6	276443	276453	1	1	7/8	-6
8D	8	-8	15/16	1 3/16	1 1/8	-8	-8	276444	276454	1 1/4	1 3/16	1 1/8	-8
10D	10	-10	1 15/32	1 3/8	1 3/8	-10	-10	276445	276455	1 5/16	1 3/8	1 3/8	-10
12D	12					-12	-12	276446	276456	1 7/16	1 11/16	1 5/8	-12
16D	16					-16	-16	276447	276457	1 5/8	2 1/16	2	-16

The AC 40D372 series are interchangeable with the Parker 3175-6 series.
The Parker 3181-8 series can be replaced with either the AC 40D372 or Parker 3175-6 series, but only as a complete unit. (Fittings, bolt and washers).
AN 778 series inactive. For new design use AN 837, page 18.
It has been requested that the AN 778 series be made active as it is impossible to use the AN 837 series when two bosses are close together.

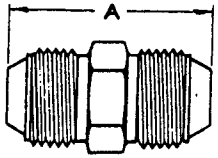
UNION: FLARED TUBE



AN TYPE



NAF TYPE

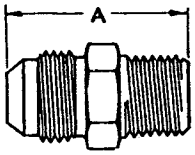


AC 811 TYPE

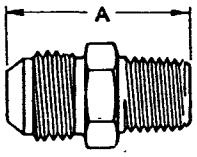
Size and Material			AN PART NUMBERS				NAF PART NUMBERS				AC AND PARKER PART NUMBERS								
			ACTIVE		INACTIVE		INACTIVE				INACTIVE								
Alum. all Types	Steel AN & AC	Brass Bronze NAF & AC only	Part No.	Dimen. A	Part No.	Dimen. A	Part No.	Dimen. A	Weatherhead No. Dural	Weatherhead No. Bronze	Part No.	Dimen. A	Weatherhead No. Dural	Weatherhead No. Brass	Part No.	Parker Part No.	Dimen. A	Weatherhead No. Dural	Weatherhead No. Steel	ParkerNo. (Special)
2D	2	2	AN 815-2	17/32	AN 920-2	63/64	213691-2	11/32	7300x2	Not made because not called for by any manufacturer.	AC 811 HT-2	15/16	9300x2	9316x2	AC 40D373-	3175-3				3181-9
3D	3	3	-3	17/32	-3	11/32	-3	11/16	x3		-3	13/32	x3	x3	-3	-3	13/16	276460	276470	-3
4D	4	4	-4	1 1/4	-4	17/32	-4	1 1/8	x4		-4	1 1/4	x4	x4	-4	-4	15/16	276461	276471	-4
5D	5	5	-5	1 1/4	-5	17/32	-5	17/32	x5		-5	1 13/32	x5	x5	-5	-5	1 3/8	276462	276472	-5
6D	6	6	-6	1 3/8	-6	15/16	-6	15/16	x6		-6	17/32	x6	x6	-6	-6	1 3/8	276463	276473	-6
7D		7					-7	1 3/8	x7		-7	19/32	x7	x7						
8D	8	8	-8	19/16	-8	1 1/2	-8	1 19/32	x8		-8	1 11/32	x8	x8	-8	-8	17/16	276464	276474	-8
10D	10	10	-10	1 63/64	-10	1 43/64	-10	1 13/16	x10		-10	1 1/2	x10	x10	-10	-10	19/16	276465	276475	-10
12D	12	12	-12	2 7/64	-12	1 29/32	-12	1 31/32	x12		-12	1 25/32	x12	x12	-12	-12	2	276466	276476	-12
16D	16	16	-16	2 3/16	-16	1 61/64	-16	2 1/4	x16		-16	1 13/16	x16	x16	-16	-16	2	276467	276477	-16
20D	20	20	-20	2 9/32			-20	2 19/32	x20		-20	2 3/16	x20	x20	-20		2 1/2			-20
24D	24	24	-24	2 17/32			-24	2 15/16	x24		-24	2 1/2	x24	x24	-24		2 3/4			-24
28D	28	28	-28	2 13/16							-28	2 15/16	x28	x28						
32D	32	32	-32	3 1/16			-32	3 19/32	x32		-32	3 11/32	x32	x32						

The AN 815 series replaces the AN 920 series and they are interchangeable except when used to connect two solid lines.
The AC 40D373, Parker 3175-3 and 3181-9 series are interchangeable.

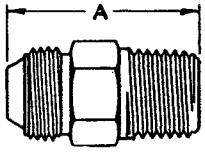
NIPPLE: FLARED TUBE AND PIPE THREAD



AN TYPE



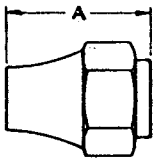
NAF TYPE



AC 811 TYPE

Size and Material			AN PART No.		NAF PART NUMBER				AC AND PARKER PART NUMBER			
			ACTIVE		INACTIVE				INACTIVE			
Alum. all Types	Steel AN Only	Brass Bronze NAF & AC Only	Part No.	Dim. A	Part No.	Dim. A	Weatherhead No. Dural	Weatherhead No. Bronze	Part No.	Dim. A	Weatherhead No. Dural	Weatherhead No. Brass
2D	2	2	AN816-2	1 1/64	NAF 213692-2	1	7200x2	Not made because not called for by any manufacturer.	AC 811FT-2	15/16	9200x2	9216x2
3D	3	3	-3	1 3/64	-3	1 1/64	x3		-3	1 1/32	x3	x3
4D	4	4	-4	1 7/64	-4	1 3/64	x4		-4	1 1/8	x4	x4
5D	5	5	-5	1 9/64	-5	1 7/64	x5		-5	1 7/32	x5	x5
6D	6	6	-6	1 3/8	-6	1 3/8	x6		-6	1 9/32	x6	x6
7D		7	-7	1 1/2	-7	1 27/64	x7		-7	1 5/16	x7	x7
8D	8	8	-8	1 1/2	-8	1 17/32	x8		-8	1 11/32	x8	x8
10D	10	10	-10	1 53/64	-10	1 53/64	x10		-10	1 19/32	x10	x10
12D	12	12	-12	1 61/64	-12	1 15/16	x12		-12	1 3/4	x12	x12
16-12D	16-12	16-12	-16-12	2 1/32	213713-20	2 3/32	7240x16		-16-12	1 29/32	x16x12	x16x12
16D	16	16	-16	2 7/32	213692-16	2 9/32	7200x16		-16	1 31/32	x16	x16
20D	20	20	-20	2 23/64	-20	2 1/2	x20		-20	2 3/16	x20	x20
21D	21		-21	2 21/64								
25D	25		-25	2 33/64								
28D	28	28	-28	2 53/64					-28	2 23/32	x28	x28
32D	32	32	-32	3 7/64	-32	3 1/16	x32		-32	3 3/16	x32	x32

AN 816-8 and NAF 213692-8 are interchangeable.

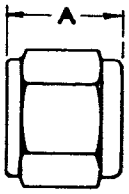


NUT: SLEEVE, COUPLING

Size and Material			AN PART NUMBER			NAF PART NUMBERS				
			ACTIVE			INACTIVE				
Alum. NAF & AN	Steel AN Only	Bronze NAF Only	Part No.	Dimensions A	Dimensions Hex	Part No.	Dimensions A	Dimensions Hex	Weatherhead No. Dural	Weatherhead No. Bronze
2D	2	2	AN 817-2	27/32	3/8	NAF 213690-2	3/4	7/16	7100x2	47100x2
3D	3	3	-3	15/16	7/16	-3	55/64	1/2	x3	x3
4D	4	4	-4	1	9/16	-4	15/16	9/16	x4	x4
5D	5	5	-5	1 1/16	5/8	-5	1 1/32	5/8	x5	x5
6D	6	6	-6	1 3/32	11/16	-6	1 1/8	11/16	x6	x6
7D		7				-7	1 3/16	3/4	x7	x7
8D	8	8	-8	1 9/32	7/8	-8	1 3/8	7/8	x8	x8
10D	10	10	-10	1 31/64	1	-10	1 1/2	1	x10	x10
12D	12	12	-12	1 21/32	1 1/4	-12	1 5/8	1 1/8	x12	x12
16D	16	16	-16	1 15/16	1 1/2	-16	1 15/16	1 7/16	x16	x16
20D	20	20	-20	2 3/16	2	-20	2 3/16	1 3/4	x20	x20
24D	24	24	-24	2 5/16	2 1/4					
28D	28	28	-28	2 1/2	2 5/8					
32D	32	32	-32	2 3/4	2 15/16					

The AN 817 and the NAF 213690 have the same threads up to and including the -10 size.
If AN 817 is used in place of an NAF 213690 on a NAF fitting, care should be taken to see that the bottom of the nut does not strike the hex of the connector, as this will cause leakage.
The NAF 213690 in the sizes -2 to -10 inclusive can be used in place of AN 817.

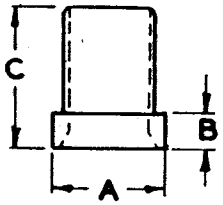
NUT: COUPLING



Size and Material			AN PART NUMBER			AC AND PARKER PART NUMBER					
			ACTIVE			INACTIVE					
Alum. all Types	Steel AN Only	Brass AC Only	Part No.	Dimensions A	Dimensions Hex	Part No.	Dimensions A	Dimensions Hex	Weatherhead No. Dural	Weatherhead No. Brass
2D	2	2	AN 818-2	17/32	3/8	AC 811BT-2	7/16	3/8	9100x2	9116x2
3D	3	3	-3	19/32	7/16	-3	17/32	7/16	x3	x3
4D	4	4	-4	41/64	9/16	-4	37/64	9/16	x4	x4
5D	5	5	-5	43/64	5/8	-5	43/64	5/8	x5	x5
6D	6	6	-6	23/32	11/16	-6	19/32	11/16	x6	x6
7D						-7	41/64	3/4	x7	x7
8D	8	8	-8	27/32	7/8	-8	11/16	7/8	x8	x8
10D	10	10	-10	31/32	1	-10	47/64	1	x10	x10
12D	12	12	-12	1 1/64	1 1/4	-12	57/64	1 3/16	x12	x12
16D	16	16	-16	1 1/8	1 1/2	-16	29/32	1 1/2	x16	x16
20D	20	20	-20	17/32	2	-20	1 5/64	1 15/16	x20	x20
24D	24	24	-24	1 13/32	2 1/4	-24	1 1/4	2 1/4	x24	x24
28D	28	28	-28	1 9/16	2 5/8	-28	1 29/64	2 5/8	x28	x28
32D	32	32	-32	1 47/64	2 15/16	-32	1 19/32	3	x32	x32

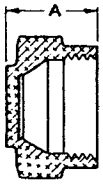
The AC 811 nuts can be used in sizes 2, 3, 4, 5, 28 and 32 with either AN or 811 sleeves in place of the AN 818 nut.

SLEEVE: COUPLING



Size and Material			AN PART NUMBER				AC AND PARKER PART NUMBER						
			ACTIVE				INACTIVE						
Alum. All Types	Steel AN Only	Duronze	Part No.	Dimensions A	Dimensions B	Dimensions C	Part No.	Dimensions A	Dimensions B	Dimensions C	Weatherhead No. Dural	Weatherhead No. Duronze	Weatherhead No. Steel
2D	2	2CS	AN 819-2	.267	1/8	9/16	AC 811T-2	.262	7/64	9/16	9150x2	9180x2	9185x2
3D	3	3CS	-3	.329	9/64	5/8	-3	.325	9/64	5/8	x3	x3	x3
4D	4	4CS	-4	.383	9/64	11/16	-4	.378	1/8	11/16	x4	x4	x4
5D	5	5CS	-5	.446	5/32	3/4	-5	.441	9/64	3/4	x5	x5	x5
6D	6	6CS	-6	.503	11/64	3/4	-6	.501	11/64	3/4	x6	x6	x6
7D		7CS					-7	.564	13/64	13/16	x7	x7	x7
8D	8	8CS	-8	.683	7/32	7/8	-8	.683	13/64	7/8	x8	x8	x8
10D	10	10CS	-10	.799	15/64	31/32	-10	.808	13/64	31/32	x10	x10	x10
12D	12	12CS	-12	.974	17/64	1 3/16	-12	.978	1/4	1 3/16	x12	x12	x12
16D	16	16CS	-16	1.224	9/32	1 3/8	-16	1.228	1/4	1 3/8	x16	x16	x16
20D	20	20CS	-20	1.536	5/16	1 7/16	-20	1.541	17/64	1 7/16	x20	x20	x20
24D	24	24CS	-24	1.786	11/32	1 9/16	-24	1.791	9/32	1 9/16	x24	x24	x24
28D	28	28CS	-28	2.161	3/8	1 5/8	-28	2.153	21/64	1 5/8	x28	x28	x28
32D	32	32CS	-32	2.411	13/32	1 23/32	-32	2.403	23/64	1 23/32	x32	x32	x32

CAP: FLARED TUBE FITTING



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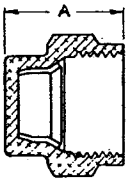

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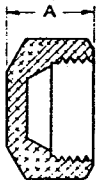
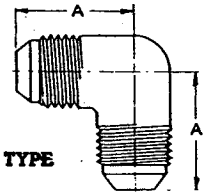


AC 811 TYPE

Size and Material		AN PART NUMBER			NAF PART NUMBER					PARKER PART NUMBER				
		ACTIVE			INACTIVE					INACTIVE				
Alum. all Types	Brass or Bronze, AC or NAF only	Part No.	Dimensions A	Dimensions Hex	Part No.	Dimensions A	Dimensions Hex	Weatherh'd No. Dural	Weatherh'd No. Bronze	Parker Part No.	Dimensions A	Dimensions Hex	Weatherhead No. Dural	Weatherhead No. Brass
2D	2	AN 820-2	1/2	3/8	NAF 310503-2	19/32	7/16	7127x2	Not made because not called for by any manufacturer.	1601PN-FNT-2	15/32	3/8	9129x2	Not popular and only called for in a few sizes by the industry.
3D	3	-3	9/16	7/16	-3	21/32	1/2	x3		-3	15/32	7/16	x3	
4D	4	-4	19/32	9/16	-4	11/16	9/16	x4		-4	1/2	9/16	x4	
5D	5	-5	39/64	5/8	-5	3/4	5/8	x5		-5	17/32	5/8	x5	
6D	6	-6	5/8	11/16	-6	13/16	11/16	x6		-6	1/2	11/16	x6	
7D	7				-7	7/8	3/4	x7		-7	9/16	3/4	x7	
8D	8	-8	3/4	7/8	-8	1	7/8	x8		-8	23/32	7/8	x8	
10D	10	-10	27/32	1	-10	15/32	1	x10		-10	23/32	1	x10	
12D	12	-12	29/32	1 1/4	-12	13/16	1 1/8	x12		-12	7/8	13/16	x12	
16D	16	-16	1 1/64	1 1/2	-16	1 3/8	1 7/16	x16		-16	31/32	1 1/2	x16	
20D	20	-20	1 1/16	2				x20		-20	1 3/16	1 15/16	x20	
24D	24	-24	1 3/16	2 1/4				x24		-24	1 1/4	2 1/4	x24	
28D	28	-28	1 11/32	2 5/8				x28		-28	1 9/16	2 5/8	x28	
32D	32	-32	1 7/16	2 15/16				x32		-32	1 25/32	2 15/16	x32	

AN 820-2, -3, -5, -6, -8, and -10 are interchangeable with NAF 310503-2, -3, -5, -6, -8, and -10.

ELBOW: FLARED TUBE 90°



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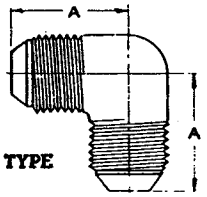

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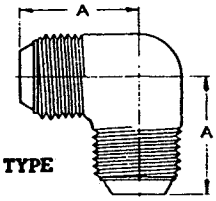
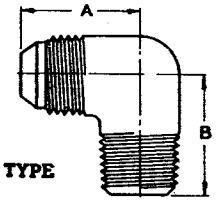


AC 811 TYPE

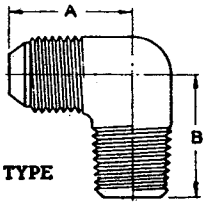
SIZE AND MATERIAL			AN PART No.		NAF PART NUMBER				AC AND PARKER PART No.			
			INACTIVE		INACTIVE				INACTIVE			
Alum. all Types	Steel AN Only	Brass Bronze NAF and AC Only	Part No.	Dim. A	Part No.	Dim. A	Weatherhead No. Dural	Weatherhead No. Bronze	Part No.	Dim. A	Weatherhead No. Dural	Weatherhead No. Brass
2D	2	2	AN 821-2	47/64	NAF 213694-2	45/64	7500x2	Not made because not called for by any manufacturer.	AC 811ET-2	5/8	9500x2	9516x2
3D	3	3	-3	51/64	-3	3/4	x3		-3	3/4	x3	x3
4D	4	4	-4	55/64	-4	13/16	x4		-4	7/8	x4	x4
5D	5	5	-5	59/64	-5	57/64	x5		-5	15/16	x5	x5
6D	6	6	-6	1 1/32	-6	63/64	x6		-6	29/32	x6	x6
7D	7	7			-7	1 1/32	x7		-7	31/32	x7	x7
8D	8	8	-8	1 7/32	-8	1 7/32	x8		-8	1 1/16	x8	x8
10D	10	10	-10	1 27/64	-10	1 3/8	x10		-10	1 7/32	x10	x10
12D	12	12	-12	1 5/8	-12	1 1/2	x12		-12	1 7/16	x12	x12
16D	16	16	-16	1 25/32	-16	1 3/4	x16		-16	1 19/32	x16	x16
20D	20	20	-20	2 1/32	-20	2 3/64	x20		-20	1 29/32	x20	x20
24D	24	24	-24	2 19/64	-24	2 5/16	x24		-24	2 3/16	x24	x24
28D	28	28	-28	2 25/32					-28	2 19/32	x28	x28
32D	32	32	-32	3 1/32	-32	2 27/32			-32	2 7/8	x32	x32

AN 821-8 and NAF 213694-8 are interchangeable.
AN 821 series inactive. For new design use AN 833, see page 16.
We have requested that the AN 821 series be made active.

ELBOW: FLARED TUBE AND PIPE THREAD 90°



AN TYPE



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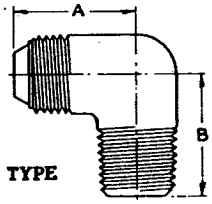
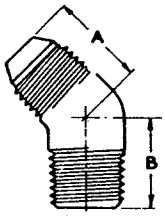


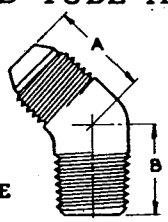
AC 811 TYPE

SIZE AND MATERIAL			AN PART NUMBER			NAF PART NUMBER					AC AND PARKER PART NUMBER				
			ACTIVE			INACTIVE					INACTIVE				
Alum. all Types	Steel AN Only	Brass Bronze NAF & AC Only	Part No.	Dimensions A	Dimensions B	Part No.	Dimensions A	Dimensions B	Weatherhead No. Dural	Weatherhead No. Bronze	Part No.	Dimensions A	Dimensions B	Weatherhead No. Dural	Weatherhead No. Brass
2D	2	2	AN 822-2	47/64	11/16	NAF 213695-2	49/64	11/16	7400x2	Not made because not called for by any manufacturer.	AC 811CT-2	5/8	11/16	9400x2	9416x2
3D	3	3	-3	51/64	11/16	-3	25/32	23/32	x3		-3	3/4	3/4	x3	x3
4D	4	4	-4	55/64	3/4	-4	13/16	25/32	x4		-4	7/8	3/4	x4	x4
5D	5	5	-5	59/64	3/4	-5	55/64	13/16	x5		-5	15/16	3/4	x5	x5
6D	6	6	-6	1 1/32	1 1/16	-6	1	15/64	x6		-6	15/16	1 1/16	x6	x6
7D		7				-7	1 1/64	1 9/64	x7		-7	15/16	1 1/8	x7	x7
8D	8	8	-8	17/32	13/16	-8	1 13/64	1 13/64	x8		-8	1 1/16	13/16	x8	x8
10D	10	10	-10	1 27/64	17/16	-10	1 25/64	1 15/32	x10		-10	17/32	17/16	x10	x10
12D	12	12	-12	1 5/8	1 9/16	-12	1 35/64	1 35/64	x12		-12	17/16	1 9/16	x12	x12
16-12D	16-12	16-12	-16-12	1 25/32	1 11/16	213732-8	1 11/16	1 53/64	7440x16		-16-12	17/16	1 11/16	x16x12	x16x12
16D	16	16	-16	1 25/32	1 15/16	213695-16	1 13/16	1 57/64	7400x16		-16	1 5/8	1 15/16	x16	x16
20D	20	20	-20	2 1/32	2 11/32	-20	2 5/32	2 3/32	x20		-20	1 15/16	2 5/16	x20	x20
21D	21	21	-21	2	2 11/32										
25D	25	25	-25	2 11/64	2 15/32										
28D	28	28	-28	2 25/32	2 3/4						-28	2 7/16	2 11/16	x28	x28
32D	32	32	-32	3 1/32	2 31/32	-32	2 15/16	2 19/32	x32		-32	2 7/8	3 1/16	x32	x32

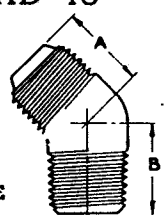
ELBOW: FLARED TUBE AND PIPE THREAD 45°



AN TYPE



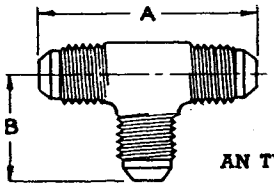
NAF TYPE



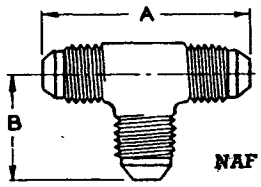
AC 811 TYPE

SIZE AND MATERIAL			AN PART NUMBER			NAF PART NUMBER					AC AND PARKER PART NUMBER				
			ACTIVE			INACTIVE					INACTIVE				
Alum. all Types	Steel AN Only	Brass Bronze NAF & AC Only	Part No.	Dimensions A	Dimensions B	Part No.	Dimensions A	Dimensions B	Weatherhead No. Dural	Weatherhead No. Bronze	Part No.	Dimensions A	Dimensions B	Weatherhead No. Dural	Weatherhead No. Brass
2D	2	2	AN 823-2	41/64	1/2	NAF 213711-2	19/32	9/16	7350x2	Not made because not called for by any manufacturer.	AC 811CT45°-2	5/8	19/32	9350x2	9366x2
3D	3	3	-3	41/64	1/2	-3	39/64	9/16	x3		-3	11/16	21/32	x3	x3
4D	4	4	-4	45/64	5/8	-4	21/32	5/8	x4		-4	11/16	11/16	x4	x4
5D	5	5	-5	3/4	5/8	-5	45/64	5/8	x5		-5	3/4	11/16	x5	x5
6D	6	6	-6	13/16	27/32	-6	25/32	27/32	x6		-6	13/16	7/8	x6	x6
7D		7				-7	51/64	29/32	x7		-7	13/16	29/32	x7	x7
8D	8	8	-8	31/32	15/16	-8	31/32	15/16	x8		-8	7/8	15/16	x8	x8
10D	10	10	-10	1 3/32	1 5/32	-10	1 3/64	1 5/32	x10		-10	1	1 1/4	x10	x10
12D	12	12	-12	1 17/64	1 3/16	-12	1 1/8	1 3/16	x12		-12	1 3/16	1 3/16	x12	x12
16-12D	16-12	16-12	-16-12	1 29/64	1 1/4	213712-3	1 9/32	1 13/64	7390x16		-16-12	1 3/8	1 1/4	x16x12	x16x12
16D	16	16	-16	1 29/64	1 15/32	213711-16	1 5/16	1 15/32	7350x16		-16	1 3/8	1 7/16	x16	x16
20D	20	20	-20	1 37/64	1 21/32	-20	1 1/2	1 3/4			-20	1 1/2	1 5/8	x20	x20
21D	21	21	-21	1 37/64	1 17/32										
25D	25	25	-25	1 49/64	1 21/32										
28D	28	28	-28	1 61/64	2						-28	1 7/8	1 15/16	x28	x28
32D	32	32	-32	2 13/64	2 3/32	-32	2 1/4	2 11/16	x32		-32	2 1/8	2 3/16	x32	x32

TEE: FLARED TUBE



AN TYPE



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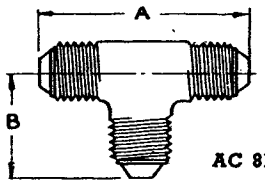
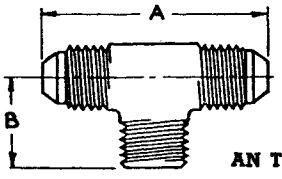


AC 811 TYPE

SIZE AND MATERIAL			AN PART NUMBER			NAF PART NUMBER					AC AND PARKER PART NUMBER				
			ACTIVE			INACTIVE					INACTIVE				
Alum. all Types	Steel AN Only	Brass Bronze AC and NAF Only	Part No.	Dimensions A	Dimensions B	Part No.	Dimensions A	Dimensions B	Weatherhead No. Dural	Weatherhead No. Bronze	Part No.	Dimensions A	Dimensions B	Weatherhead No. Dural	Weatherhead No. Brass
2D	2	2	AN 824-2	$1^{15}/_{32}$	$^{47}/_{64}$	NAF213697-2	$1^{13}/_{32}$	$^{45}/_{64}$	7700x2	Not made because not called for by any manufacturer.	AC 811JT-2	$1\frac{1}{4}$	$\frac{5}{8}$	9700x2	9716x2
3D	3	3	-3	$1^{19}/_{32}$	$^{51}/_{64}$	-3	$1\frac{1}{2}$	$\frac{3}{4}$	x3		-3	$1\frac{1}{2}$	$\frac{3}{4}$	x3	x3
4D	4	4	-4	$1^{23}/_{32}$	$^{55}/_{64}$	-4	$1\frac{5}{8}$	$^{13}/_{16}$	x4		-4	$1\frac{3}{4}$	$\frac{7}{8}$	x4	x4
5D	5	5	-5	$1^{27}/_{32}$	$^{59}/_{64}$	-5	$1^{25}/_{32}$	$^{57}/_{64}$	x5		-5	$1\frac{7}{8}$	$^{15}/_{16}$	x5	x5
6D	6	6	-6	$2^{1}/_{16}$	$1^{1}/_{32}$	-6	$1^{31}/_{32}$	$^{63}/_{64}$	6		-6	$1^{13}/_{16}$	$^{29}/_{32}$	x6	x6
7D		7	-7			-7	$2^{1}/_{16}$	$1^{1}/_{32}$	x7		-7	$1^{15}/_{16}$	$^{31}/_{32}$	x8	x8
8D	8	8	-8	$2^{7}/_{16}$	$1^{7}/_{32}$	-8	$2^{7}/_{16}$	$1^{7}/_{32}$	x8		-8	$2\frac{1}{8}$	$1^{1}/_{16}$	x10	x10
10D	10	10	-10	$2^{27}/_{32}$	$1^{27}/_{64}$	-10	$2\frac{3}{4}$	$1\frac{3}{8}$	x10		-10	$2^{7}/_{16}$	$1^{7}/_{32}$	x12	x12
12D	12	12	-12	$3\frac{1}{4}$	$1\frac{5}{8}$	-12	3	$1\frac{1}{2}$	x12		-12	$2\frac{7}{8}$	$1^{7}/_{16}$	x16	x16
16D	16	16	-16	$3^{9}/_{16}$	$1^{25}/_{32}$	-16	$3\frac{1}{2}$	$1\frac{3}{4}$	x16		-16	$3^{3}/_{16}$	$1^{19}/_{32}$	x20	x20
20D	20	20	-20	$4^{1}/_{16}$	$2^{1}/_{32}$	-20	$4^{3}/_{32}$	$2^{3}/_{64}$	x20		-20	$3^{13}/_{16}$	$1^{29}/_{32}$	x24	x24
24D	24	24	-24	$4^{19}/_{32}$	$2^{19}/_{64}$	-24	$4\frac{5}{8}$	$2^{5}/_{16}$	x24		-24	$4\frac{3}{8}$	$2^{3}/_{16}$	x28	x28
28D	28	28	-28	$5^{9}/_{16}$	$2^{25}/_{32}$						-28	$5^{3}/_{16}$	$2^{19}/_{32}$	x32	x32
32D	32	32	-32	$6^{1}/_{16}$	$3^{1}/_{32}$	-32	$5^{11}/_{16}$	$2^{27}/_{32}$	x32		-32	$5\frac{3}{4}$	$2\frac{7}{8}$		

AN 824-8 and NAF 213697-8 are interchangeable.

TEE: FLARED TUBE WITH PIPE THREAD ON SIDE



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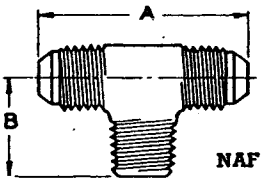
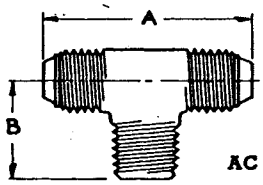


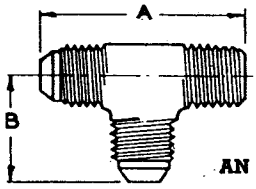
NAF TYPE



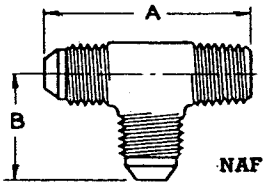
AC 811 TYPE

SIZE AND MATERIAL			AN PART NUMBER			NAF PART NUMBER					AC AND PARKER PART NUMBER				
			ACTIVE			INACTIVE					INACTIVE				
Alum. all Types	Steel AN Only	Brass or Bronze	Part No.	Dimensions A	Dimensions B	Part No.	Dimensions A	Dimensions B	Weatherhead No. Dural	Weatherhead No. Bronze	Part No.	Dimensions A	Dimensions B	Weatherhead No. Dural	Weatherhead No. Brass
2D	2	2	AN 825-2	$1^{15}/_{32}$	$^{11}/_{16}$	NAF 213698-2	$1^{17}/_{32}$	$^{11}/_{16}$	7600x2	Not made because not called for by any manufacturer.	AC 811ST-2	$1\frac{1}{4}$	$^{11}/_{16}$	9600x2	9616x2
3D	3	3	-3	$1^{19}/_{32}$	$^{11}/_{16}$	-3	$1^{9}/_{16}$	$^{23}/_{32}$	x3		-3	$1\frac{1}{2}$	$\frac{3}{4}$	x3	x3
4D	4	4	-4	$1^{23}/_{32}$	$\frac{3}{4}$	-4	$1\frac{5}{8}$	$^{25}/_{32}$	x4		-4	$1\frac{3}{4}$	$\frac{3}{4}$	x4	x4
5D	5	5	-5	$1^{27}/_{32}$	$\frac{3}{4}$	-5	$1^{23}/_{32}$	$^{13}/_{16}$	x5		-5	$1\frac{7}{8}$	$\frac{3}{4}$	x5	x5
6D	6	6	-6	$2^{1}/_{16}$	$^{11}/_{16}$	-6	2	$^{15}/_{64}$	x6		-6	$1\frac{7}{8}$	$^{11}/_{16}$	x6	x6
7D	7	7				-7	$2^{1}/_{32}$	$^{19}/_{64}$	x7		-7	$1\frac{7}{8}$	$1\frac{1}{8}$	x7	x7
8D	8	8	-8	$2^{7}/_{16}$	$^{13}/_{16}$	-8	$2^{13}/_{32}$	$1^{13}/_{64}$	x8		-8	$2\frac{1}{8}$	$^{13}/_{16}$	x8	x8
10D	10	10	-10	$2^{27}/_{32}$	$^{17}/_{16}$	-10	$2^{25}/_{32}$	$1^{15}/_{32}$	x10		-10	$2^{7}/_{16}$	$^{17}/_{16}$	x10	x10
12D	12	12	-12	$3\frac{1}{4}$	$^{19}/_{16}$	-12	$3^{3}/_{32}$	$1^{35}/_{64}$	x12		-12	$2\frac{7}{8}$	$^{19}/_{16}$	x12	x12
16-12D	16-12	16-12	-16-12	$3^{9}/_{16}$	$1^{11}/_{16}$						-16-12	$2\frac{7}{8}$	$1^{11}/_{16}$	x16x12	x16x12
16D	16	16	-16	$3^{9}/_{16}$	$1^{15}/_{16}$	-16	$3\frac{5}{8}$	$1^{57}/_{64}$	x16		-16	$3\frac{1}{4}$	$1^{15}/_{16}$	x16	x16
20D	20	20	-20	$4^{1}/_{16}$	$2^{11}/_{32}$	-20	$4^{5}/_{16}$	$2^{1}/_{32}$	x20		-20	$3\frac{7}{8}$	$2^{5}/_{16}$	x20	x20
21D	21	21	-21	$4^{1}/_{16}$	$2^{3}/_{16}$										
25D	25	25	-25	$4^{19}/_{32}$	$2^{15}/_{32}$										
28D	28	28	-28	$5^{9}/_{16}$	$2\frac{3}{4}$						-28	$4\frac{7}{8}$	$2^{11}/_{16}$	x28	x28
32D	32	32	-32	$6^{1}/_{16}$	$2^{31}/_{32}$	-32	$5^{27}/_{32}$	$2^{15}/_{32}$	x32		-32	$5\frac{3}{4}$	$3^{1}/_{16}$	x32	x32

TEE: FLARED TUBE WITH PIPE THREAD ON THE RUN



AN TYPE



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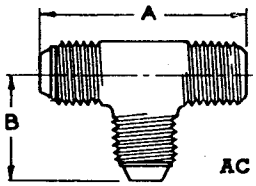
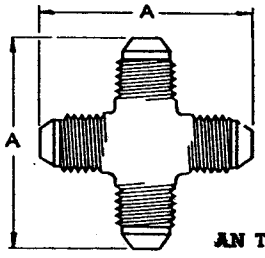


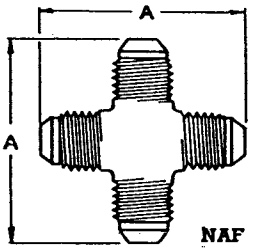
AC 811 TYPE

SIZE AND MATERIAL			AN PART NUMBER			NAF PART NUMBER					AC AND PARKER PART NUMBER				
			ACTIVE			INACTIVE					INACTIVE				
Alum. all Types	Steel AN Only	Brass Bronze AC and NAF Only	Part No.	Dimensions A	Dimensions B	Part No.	Dimensions A	Dimensions B	Weatherhead No. Dural	Weatherhead No. Bronze	Part No.	Dimensions A	Dimensions B	Weatherhead No. Dural	Weatherhead No. Brass
2D	2	2	AN 826-2	$1\frac{27}{64}$	$\frac{47}{64}$	NAF 213699-2	$1\frac{25}{64}$	$\frac{49}{64}$	7750x2	Not made because not called for by any manufacturer.	AC 811RT-2	$1\frac{5}{16}$	$\frac{5}{8}$	9750x2	9766x2
3D	3	3	-3	$1\frac{31}{64}$	$\frac{51}{64}$	-3	$1\frac{15}{32}$	$\frac{25}{32}$	x3		-3	$1\frac{1}{2}$	$\frac{3}{4}$	x3	x3
4D	4	4	-4	$1\frac{39}{64}$	$\frac{55}{64}$	-4	$1\frac{19}{32}$	$\frac{13}{16}$	x4		-4	$1\frac{5}{8}$	$\frac{7}{8}$	x4	x4
5D	5	5	-5	$1\frac{43}{64}$	$\frac{59}{64}$	-5	$1\frac{45}{64}$	$\frac{57}{64}$	x5		-5	$1\frac{11}{16}$	$\frac{15}{16}$	x5	x5
6D	6	6	-6	$2\frac{3}{32}$	$1\frac{1}{32}$	-6	$2\frac{1}{16}$	1	x6		-6	$1\frac{31}{32}$	$\frac{29}{32}$	x6	x6
7D		7				-7	$2\frac{11}{64}$	$1\frac{1}{32}$	x7		-7	$2\frac{3}{32}$	$\frac{31}{32}$	x7	x7
8D	8	8	-8	$2\frac{13}{32}$	$1\frac{7}{32}$	-8	$2\frac{27}{64}$	$1\frac{7}{32}$	x8		-8	$2\frac{1}{4}$	$1\frac{1}{16}$	x8	x8
10D	10	10	-10	$2\frac{55}{64}$	$1\frac{27}{64}$	-10	$2\frac{27}{32}$	$1\frac{25}{64}$	x10		-10	$2\frac{21}{32}$	$1\frac{7}{32}$	x10	x10
12D	12	12	-12	$3\frac{3}{16}$	$1\frac{5}{8}$	-12	$3\frac{3}{64}$	$1\frac{35}{64}$	x12		-12	3	$1\frac{7}{16}$	x12	x12
16-12D	16-12	16-12	-16-12	$3\frac{15}{32}$	$1\frac{25}{32}$						-16-12	$3\frac{9}{32}$	$1\frac{19}{32}$	x16x12	x16x12
16D	16	16	-16	$3\frac{15}{32}$	$1\frac{25}{32}$	-16	$3\frac{41}{64}$	$1\frac{13}{16}$	x16		-16	$3\frac{17}{32}$	$1\frac{19}{32}$	x16	x16
20D	20	20	-20	$4\frac{3}{8}$	$2\frac{1}{32}$	-20	$4\frac{5}{64}$	$2\frac{5}{32}$	x20		-20	$4\frac{7}{32}$	$1\frac{29}{32}$	x20	x20
24D		24				-24	$4\frac{1}{2}$	$2\frac{27}{64}$	x24		-24	$4\frac{3}{4}$	$2\frac{3}{16}$	x24	x24
25D	25	24	-25	4 44/64	2 15/32										
28D	28	28	-28	$5\frac{17}{32}$	$2\frac{25}{32}$						-28	$5\frac{9}{32}$	$2\frac{19}{32}$	x28	x28
32D	32	32	-32	6	$3\frac{1}{32}$	-32	$5\frac{5}{16}$	$2\frac{15}{16}$	x32		-32	$5\frac{15}{16}$	$2\frac{7}{8}$	x32	x32

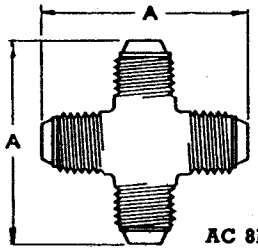
CROSS: FLARED TUBE



AN TYPE



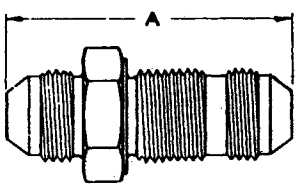
NAF TYPE



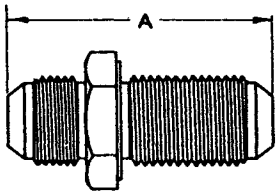
AC 811 TYPE

SIZE AND MATERIAL			AN PART NUMBER		NAF PART NUMBER				AC AND PARKER PART NUMBER				
			ACTIVE		INACTIVE				INACTIVE				
Alum. all Types	Steel AN Only	Brass AC & NAF Only	Part No.	Dim. A	Part No.	Dim. A	Weatherhead No. Dural	Weatherhead No. Bronze	Part No.	Dim. A	Weatherhead No. Dural	Weatherhead No. Brass
2D	2	2	AN 827-2	$1\frac{15}{32}$	NAF 213745-2	$1\frac{13}{32}$	7950x2	Not made because not called for by any manufacturer.	AC 811KT-2	$1\frac{1}{4}$	9950x2	9966x2
3D	3	3	-3	$1\frac{19}{32}$	-3	$1\frac{1}{2}$	x3		-3	$1\frac{1}{2}$	x3	x3
4D	4	4	-4	$1\frac{23}{32}$	-4	$1\frac{5}{8}$	x4		-4	$1\frac{3}{4}$	x4	x4
5D	5	5	-5	$1\frac{27}{32}$	-5	$1\frac{25}{32}$	x5		-5	$1\frac{7}{8}$	x5	x5
6D	6	6	-6	$2\frac{1}{16}$	-6	$1\frac{31}{32}$	x6		-6	$1\frac{13}{16}$	x6	x6
7D		7	-7		-7	$2\frac{1}{16}$	x7		-7	$1\frac{15}{16}$	x7	x7
8D	8	8	-8	$2\frac{7}{16}$	-8	$2\frac{7}{16}$	x8		-8	$2\frac{1}{8}$	x8	x8
10D	10	10	-10	$2\frac{27}{32}$	-10	$2\frac{3}{4}$	x10		-10	$2\frac{7}{16}$	x10	x10
12D	12	12	-12	$3\frac{1}{4}$	-12	3	x12		-12	$2\frac{7}{8}$	x12	x12
16D	16	16	-16	$3\frac{9}{16}$	-16	$3\frac{1}{2}$	x16		-16	$3\frac{3}{16}$	x16	x16
20D	20	20	-20	$4\frac{1}{16}$	-20	$4\frac{3}{32}$	x20		-20	$3\frac{13}{16}$	x20	x20
24D	24	24	-24	$4\frac{19}{32}$	-24	$4\frac{5}{8}$	x24		-24	$4\frac{3}{8}$	x24	x24
28D	28	28	-28	$5\frac{9}{16}$					-28	$5\frac{3}{16}$	x28	x28
32D	32	32	-32	$6\frac{1}{16}$	-32	$5\frac{11}{16}$	x32		-32	$5\frac{3}{4}$	x32	x32

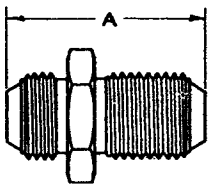
UNION: FLARED TUBE ⅜ BULKHEAD AND UNIVERSAL



AN TYPE



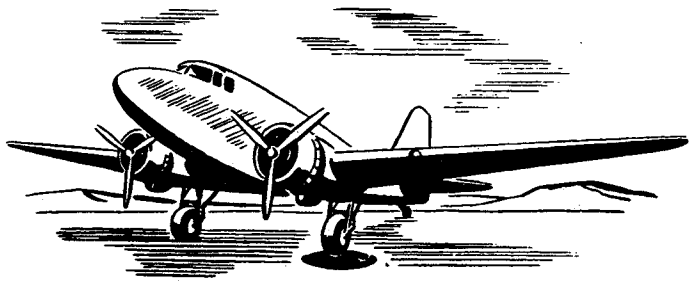
NAF TYPE



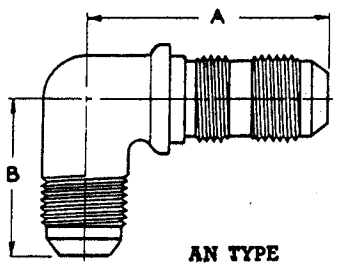
AC 811 TYPE

SIZE AND MATERIAL			AN PART NUMBER						NAF PART NUMBER				AC AND PARKER PART NUMBER			
			ACTIVE		INACTIVE				INACTIVE				INACTIVE			
Alum. all Types	Steel AN Only	Bronze Brass NAF & AC Only	Part No.	Dim. A	Part No.	Dim. A	Part No.	Dim. A	Part No.	Dim. A	Weatherhead No. Dural	Weatherhead No. Bronze	Part No.	Dim. A	Weatherhead No. Dural	Weatherhead No. Brass
2D	2	2	AN 832-2	1 53/64	AN 828-2	1 5/8	AN 920-2	63/64	NAF 213826-2	1 19/32	7013x2	Not made because not called for by any manufacturer	3115-1HT-2	1 5/16	9013x2	Not popular and only called for in a few sizes by the industry.
3D	3	3	-3	1 55/64	-3	1 11/16	-3	1 1/32	-3	1 5/8	x3		-3	1 1/2	x3	
4D	4	4	-4	2 3/64	-4	1 57/64	-4	1 7/32	-4	1 23/32	x4		-4	1 11/16	x4	
5D	5	5	-5	2 3/64	-5	1 57/64	-5	1 7/32	-5	1 13/16	x5		-5	1 13/16	x5	
6D	6	6	-6	2 7/32	-6	2 3/32	-6	1 5/16	-6	1 15/16	x6		-6	1 5/8	x6	
7D	7	7							-7	2 3/64	x7		-7	1 11/16	x7	
8D	8	8	-8	2 29/64	-8	2 7/32	-8	1 1/2	-8	2 1/4	x8		-8	1 3/4	x8	
10D	10	10	-10	2 23/32	-10	2 15/32	-10	1 43/64	-10	2 1/2	x10		-10	1 7/8	x10	
12D	12	12	-12	3 1/32	-12	2 45/64	-12	1 29/32	-12	2 11/16	x12		-12	2 3/16	x12	
16D	16	16	-16	3 5/64	-16	2 27/32	-16	1 61/64	-16	3	x16		-16	2 1/4	x16	
20D	20	20	-20	3 5/32	-20	2 61/64			-20	3 19/64	x20		-20	2 11/16	x20	
24D	24	24	-24	3 5/16	-24	3 11/64			-24	3 39/64	x24		-24	3 3/16	x24	
28D	28	28	-28	3 37/64	-28	3 29/64			-28		x28		-28		x28	
32D	32	32	-32	3 53/64	-32	3 11/16			-32	4 7/32	x32		-32		x32	

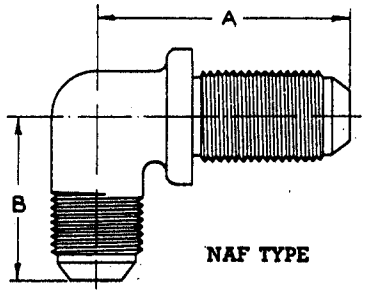
AN 832, AN 828 and AN 920 series are interchangeable except that the AN 828 cannot be used as a universal fitting and the AN 920 cannot be used as a bulkhead fitting



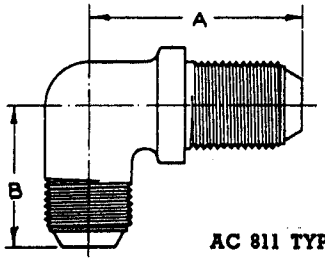
ELBOW: FLARED TUBE BULKHEAD AND UNIVERSAL 90°



AN TYPE



NAF TYPE



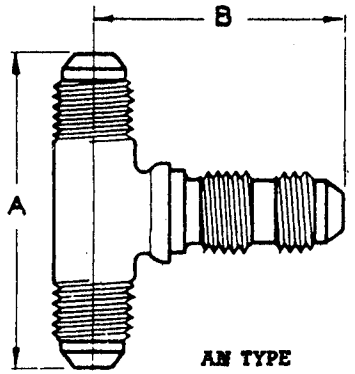
AC 811 TYPE

SIZE AND MATERIAL			AN PART NUMBER									NAF PART NUMBER					AC AND PARKER NUMBER				
			ACTIVE			INACTIVE						INACTIVE					INACTIVE				
Alum. all Types	Steel AN & AC	Bronze Brass AC & NAF	Part No.	Dimensions A	Dimensions B	Part No.	Dimensions A	Dimensions B	Part No.	Dimensions A	Dimensions B	Part No.	Dimensions A	Dimensions B	Weatherhead No. Dural	Weatherhead No. Bronze	Part No.	Dimensions A	Dimensions B	Weatherhead No. Dural	Weatherhead No. Brass
2D	2	2	AN 833-2	$1\frac{13}{32}$	$\frac{53}{64}$	AN 829-2	$1\frac{23}{64}$	$\frac{53}{64}$	AN 921-2	$\frac{59}{64}$	$\frac{47}{64}$	NAF 213829-2	$1\frac{23}{64}$	$\frac{51}{64}$	7014x2	Not made because not called for by any manufacturer.	3115-1ET-2	$1\frac{1}{8}$	$\frac{23}{32}$	9014x2	Not popular and only called for in a few sizes by the industry.
3D	3	3	-3	$1\frac{7}{16}$	$\frac{57}{64}$	-3	$1\frac{29}{64}$	$\frac{57}{64}$	-3	$\frac{15}{16}$	$\frac{51}{64}$	-3	$1\frac{7}{16}$	$\frac{27}{32}$	x3		-3	$1\frac{9}{32}$	$\frac{13}{16}$	x3	
4D	4	4	-4	$1\frac{37}{64}$	$\frac{61}{64}$	-4	$1\frac{19}{32}$	$\frac{61}{64}$	-4	$\frac{13}{64}$	$\frac{55}{64}$	-4	$1\frac{17}{32}$	$\frac{29}{32}$	x4		-4	$1\frac{15}{32}$	$\frac{15}{16}$	x4	
5D	5	5	-5	$1\frac{39}{64}$	$1\frac{1}{64}$	-5	$1\frac{21}{32}$	$1\frac{1}{64}$	-5	$\frac{17}{64}$	$\frac{59}{64}$	-5	$1\frac{5}{8}$	$\frac{31}{32}$	x5		-5	$1\frac{5}{8}$	$1\frac{1}{32}$	x5	
6D	6	6	-6	$1\frac{51}{64}$	$1\frac{5}{64}$	-6	$1\frac{29}{32}$	$1\frac{5}{64}$	-6	$1\frac{19}{64}$	$1\frac{1}{32}$	-6	$1\frac{25}{32}$	$1\frac{1}{16}$	x6		-6	$1\frac{9}{16}$	1	x6	
7D		7										-7	$1\frac{29}{32}$	$1\frac{11}{64}$	x7		-7	$1\frac{21}{32}$	$1\frac{3}{32}$	x7	
8D	8	8	-8	$2\frac{3}{32}$	$1\frac{11}{32}$	-8	$2\frac{1}{32}$	$1\frac{11}{32}$	-8	$1\frac{17}{32}$	$1\frac{7}{32}$	-8	$2\frac{1}{16}$	$1\frac{11}{32}$	x8		-8	$1\frac{25}{32}$	$1\frac{3}{16}$	x8	
10D	10	10	-10	$2\frac{3}{8}$	$1\frac{35}{64}$	-10	$2\frac{5}{16}$	$1\frac{35}{64}$	-10	$1\frac{45}{64}$	$1\frac{27}{64}$	-10	$2\frac{11}{32}$	$1\frac{1}{2}$	x10		-10	$1\frac{29}{32}$	$1\frac{13}{32}$	x10	
12D	12	12	-12	$2\frac{21}{32}$	$1\frac{49}{64}$	-12	$2\frac{1}{2}$	$1\frac{49}{64}$	-12	$1\frac{61}{64}$	$1\frac{5}{8}$	-12	$2\frac{1}{2}$	$1\frac{5}{8}$	x12		-12	$2\frac{3}{16}$	$1\frac{21}{32}$	x12	
16D	16	16	-16	$2\frac{25}{32}$	$1\frac{59}{64}$	-16	$2\frac{33}{32}$	$1\frac{59}{64}$	-16	$2\frac{3}{64}$	$1\frac{25}{32}$	-16	$2\frac{25}{32}$	$1\frac{29}{32}$	x16		-16	$2\frac{15}{32}$	$1\frac{13}{16}$	x16	
20D	20	20	-20	$3\frac{7}{64}$	$2\frac{5}{32}$	-20	$3\frac{3}{32}$	$2\frac{13}{64}$									-20	$2\frac{15}{16}$	$2\frac{3}{16}$	x20	
24D	24	24	-24	$3\frac{13}{32}$	$2\frac{21}{64}$	-24	$3\frac{15}{32}$	$2\frac{21}{64}$									-24	$3\frac{3}{8}$	$2\frac{7}{16}$	x24	
28D	28	28	-28	$3\frac{25}{32}$	$2\frac{19}{32}$	-28	$3\frac{7}{8}$	$2\frac{51}{64}$													
32D	32	32	-32	$4\frac{3}{32}$	$2\frac{3}{4}$	-32	$4\frac{11}{64}$	$3\frac{5}{64}$													

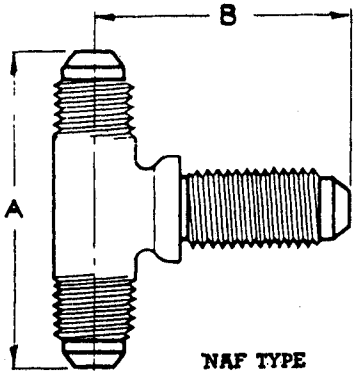
The AN 833, 829 and 921 series are interchangeable except that the AN 829 cannot be used as a universal fitting and the AN 921 cannot be used as a bulkhead fitting.

See chart AN 776 page 6 and chart AN 821 page 11.

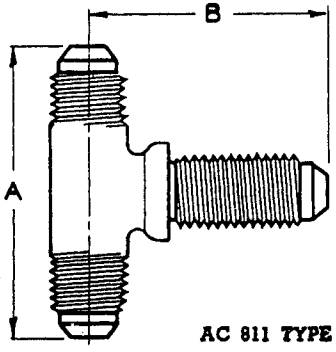
TEE: BULKHEAD AND UNIVERSAL; FLARED TUBE



AN TYPE



NAF TYPE

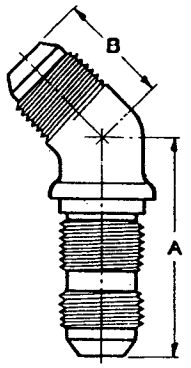


AC 811 TYPE

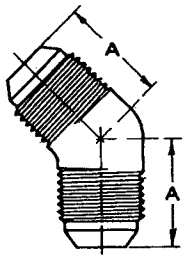
SIZE AND MATERIAL			AN PART NUMBERS								NAF PART NUMBER					AC AND PARKER PART NUMBER				
			ACTIVE			INACTIVE					INACTIVE					INACTIVE				
Alum. all Types	Steel AN Only	Bronze Brass NAF & AC Only	Part No.	Dimensions A	Dimensions B	Part No.	Dimensions A	Dimensions B	Part No.	Dimensions A	Dimensions B	Part No	Dimensions A	Dimensions B	Weatherhead No. Alum.	Weatherhead No. Bronze	Part No.	Dimensions A	Dimensions B	Weatherhead No. Alum.	Weatherhead No. Brass
-2D	-2	-2	AN 834	1 21/32	1 13/32	AN 830	1 21/32	1 23/64	AN 923	1 15/32	59/64	NAF 310504	1 19/32	1 23/64	7016x2	Not made because not called for by any manufacturer.	3115-1JT	1 7/16	1 1/8	9016x2	Not popular and only called for in a few sizes by the industry.
-3D	-3	-3		1 25/32	1 7/16		1 25/32	1 29/64		1 19/32	61/64		1 11/16	1 7/16	x3			1 5/8	1 9/32	x3	
-4D	-4	-4		1 29/32	1 37/64		1 29/32	1 19/32		1 23/32	1 3/64		1 13/16	1 17/32	x4			1 7/8	1 15/32	x4	
-5D	-5	-5		2 1/32	1 39/64		2 1/32	1 31/32		1 27/32	1 7/64		1 15/16	1 5/8	x5			2 1/16	1 5/8	x5	
-6D	-6	-6		2 5/32	1 51/64		2 5/32	1 29/32		2 1/16	1 19/64		2 1/8	1 25/32	x6			2	1 9/16	x6	
-8D	-8	-8		2 11/16	2 3/32		2 11/16	2 1/32		2 7/16	1 17/32		2 11/16	2 1/16	x8			2 3/8	1 25/32	x8	
-10D	-10	-10		3 3/32	2 3/8		3 3/32	2 5/16		2 27/32	1 45/64		3	2 11/32	x10			2 13/16	1 29/32	x10	
-12D	-12	-12		3 17/32	2 21/32		3 17/32	2 1/2		3 1/4	1 61/64		3 1/4	2 1/2	x12			3 5/16	2 3/16	x12	
-16D	-16	-16		3 27/32	2 25/32		3 27/32	2 23/32		3 9/16	2 3/64		3 13/16	2 25/32	x16			3 5/8	2 15/32	x16	
-20D	-20	-20		4 5/16	3 7/64		4 13/32	3 3/32										4 3/8	2 15/16	x20	
-24D	-24	-24		4 21/32	3 13/32		4 31/32	3 15/32										4 7/8	3 3/8	x24	
-28D	-28	-28		5 3/16	3 25/32		5 19/32	3 7/8													
-32D	-32	-32		5 1/2	4 3/32		6 5/32	4 11/64													

The AN 834 and 923 series are interchangeable except that the AN 830 cannot be used as a universal fitting and the AN 923 cannot be used as a bulkhead fitting.

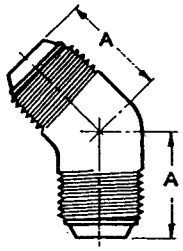
ELBOW: FLARED TUBE BULKHEAD AND UNIVERSAL 45°



AN TYPE



NAF TYPE

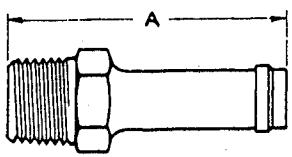


AC 811 TYPE

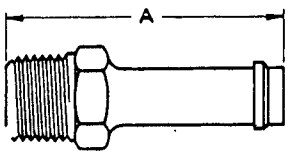
SIZE AND MATERIAL			AN PART NUMBER ACTIVE			AN PART NUMBER INACTIVE			NAF PART NUMBER INACTIVE				AC AND PARKER PART NUMBER INACTIVE			
Alum. all Types	Steel AN Only	Brass or Bronze	Part No.	Dimensions A	B	Part No.	Dimensions A	B	Part No.	Dim. A	Weatherhead No. Dural	Bronze	Part No.	Dim. A	Weatherhead No. Dural	Bronze
2D	2	2	AN 837-2	1 3/8	41/64	AN 922-2	7/8	41/64	NAF 213709-2	37/64	7356x2	Not made because not called for by any manufacturer.	AC 811ET 45°-2	5/8	Not made because not called for by any manufacturer.	Not popular and only called for in a few sizes by the industry.
3D	3	3	-3	1 3/8	41/64	-3	7/8	41/64	-3	39/64	x3		-3	11/16		
4D	4	4	-4	1 17/32	45/64	-4	1 1/32	3/4	-4	21/32	x4		-4	11/16		
5D	5	5	-5	1 17/32	3/4	-5	1 1/32	3/4	-5	23/32	x5		-5	3/4		
6D	6	6	-6	1 43/64	13/16	-6	15/32	13/16	-6	25/32	x6		-6	13/16		
8D	8	8	-8	1 15/16	31/32	-8	1 3/8	31/32	-8	15/16	x8		-8	7/8		
10D	10	10	-10	2 11/64	1 3/32	-10	1 33/64	1 3/32	-10	13/64	x10		-10	1		
12D	12	12	-12	2 7/16	1 17/64	-12	1 47/64	1 17/64	-12	19/64	x12		-12	1 3/16		
16D	16	16	-16	2 9/16	1 29/64	-16	1 55/64	1 29/64	-16	15/16	x16		-16	1 3/8		
20D	20	20	-20	2 21/32	1 37/64				-20	17/16			-20	1 1/2		
24D	24	24	-24	2 43/64	1 49/64				-24	1 5/8			-24	1 11/16		
28D	28	28	-28	2 3/4	1 61/64								-28	1 7/8		
32D	32	32	-32	2 21/32	2 13/64				-32	2			-32	2 1/8		

AN 837 and AN 922 are interchangeable except that the AN 922 cannot be used as a bulkhead fitting. See chart AN 778, page 7.

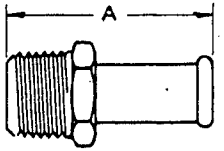
NIPPLE: PIPE THREAD, HOSE



AN TYPE



NAF TYPE



AC TYPE

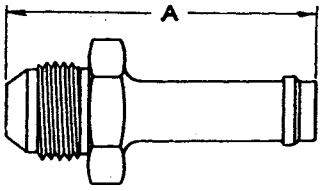
SIZE AND MATERIAL				AN PART NO.		NAF PART NUMBER				AC AND PARKER PART NUMBERS							
				ACTIVE		INACTIVE				INACTIVE							
Alum. all Types	Brass Bronze	Pipe Size	Hose I.D.	Part No.	Dim. A	Part No.	Dim. A	Weatherhead No. Dural	Weatherhead No. Bronze	Part No.	Dim. A	Weatherhead No. Dural	Weatherhead No. Brass	Part No.	Dim. A	Weatherhead No. Dural	Weatherhead No. Brass
4D	4	1/8	1/4	AN 840-4	2 5/64	NAF 213706-4	2 5/64	7229x4	47229x4	AC 838-4	1 9/16	7228x4	27228x4	AC 836-4	2 1/16	7227x4	27227x4
6D	6	1/4	3/8	-6	2 11/32	-6	2 11/32	x6	x6	-6	1 3/4	x6	x6	-6	2 1/2	x6	x6
8D	8	3/8	1/2	-8	2 3/8	-8	2 3/8	x8	x8	-8	1 3/4	x8	x8	-8	2 1/2	x8	x8
9D	9	3/8	5/8	-9	2 3/8	-9	2 3/8	x9	x9								
10D	10	1/2	5/8	-10	2 37/64	-10	2 37/64	x10	x10	-10	2 3/16	x10	x10	-10	2 11/16	x10	x10
11D	11	3/8	3/4	-11	2 13/32	-11	2 13/32	x11	x11								
12D	12	3/4	3/4	-12	2 5/8	-12	2 5/8	x12	x12	-12	2 3/16	x12	x12	-12	2 11/16	x12	x12
13D	13	3/8	1	-13	2 5/8	-13	2 5/8	x13	x13								
16D	16	3/4	1	-16	2 5/8	-16	2 5/8	x16	x16	-16	2 3/16	x16	x16	-16	2 11/16	x16	x16
17D	17	1	1	-17	2 27/32	-17	2 27/32	x17	x17	HLF-16-16*	2 7/16	x16x16	x16x16	LHLF-16-16*		x16x16	x16x16
20D	20	1 1/4	1 1/4	-20	2 57/64	-20	3 5/64	x20	x20	AC 835-20	2 11/16	x20	x20	AC 836-20	3 3/16	x20	x20
21D	21	1	1 1/4	-21	2 7/8												
24D	24	1 1/2	1 1/2	-24	2 15/16	-24	3 1/8	x24	x24	-24	3 1/32	x24	x24	+-24	3 17/32	x24	x24
25†	25	1 1/4	1 1/2	-25	2 29/32												

All parts are interchangeable.

* Parker Number.

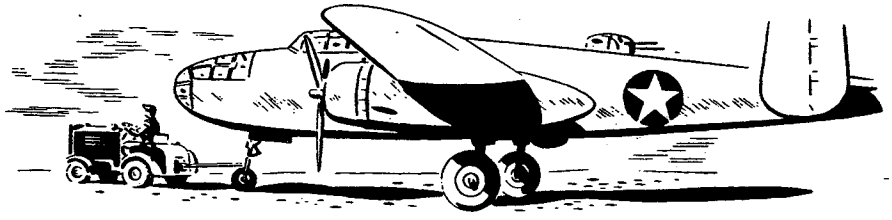
†-24 size in Air Corps series compares to -25 size in AN series due to combination of pipe size and hose I. D.

NIPPLE: FLARED TUBE, HOSE

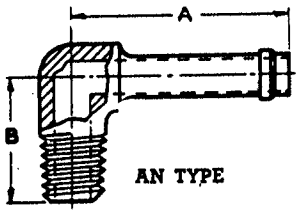


Size & Material		AN PART NO.		NAF PART NUMBER			
		ACTIVE		INACTIVE			
Alum. all Types	Bronze	Part No.	Dimension A	Part No.	Dimension A	Weatherhead No. Dural	Weatherhead No. Bronze
4D	4	AN 841-4	2¼	NAF 213702-4	1 13/16	7230x4	Not made because not called for by any manufacturer.
6D	6	-6	2 5/16	-6	1 15/16	x6	
8D	8	-8	2 7/16	-8	2⅛	x8	
10D	10	-10	2 9/16	-10	2½	x10	
12D	12	-12	2 11/16	-12	2 9/16	x12	
16D	16	-16	2 25/32	-16	2¾	x16	

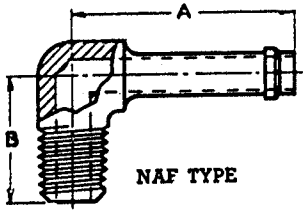
☆ ☆ ☆



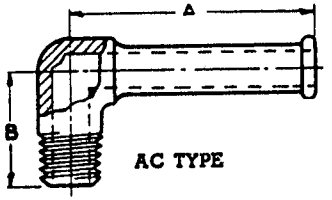
ELBOW: PIPE THREAD, HOSE 90°



AN TYPE



NAF TYPE



AC TYPE

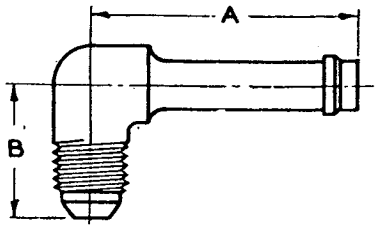
SIZE AND MATERIAL				AN PART NUMBER			NAF PART NUMBER					AC AND PARKER PART NUMBERS									
				ACTIVE			INACTIVE					INACTIVE									
Alum. all Types	Brass or Bronze	Pipe Size	Hose I.D.	Part No.	Dimensions A	Dimensions B	Part No.	Dimensions A	Dimensions B	Weatherhead No. Dural	Weatherhead No. Bronze	Part No.	Dimensions A	Dimensions B	Weatherhead No. Dural	Weatherhead No. Brass	Part No.	Dimensions A	Dimensions B	Weatherhead No. Dural	Weatherhead No. Brass
4D	4	1/8	1/4	AN 842-4	1 25/32	25/32	NAF 213707-4	1 25/32	25/32	7429x4	Not made because not called for by any manufacturer.	AC 850-4	1 5/16	3/4	7428x4	27428x4	AC 852-4	1 13/16	3/4	7427x4	27427x4
6D	6	1/4	3/8	-6	1 29/32	1 3/32	-6	1 29/32	1 3/32	x6		-6	1 3/8	1	x6	x6	-6	2 1/8	1	x6	x6
8D	8	3/8	1/2	-8	1 63/64	1 3/16	-8	1 63/64	1 3/16	x8		-8	1 1/2	1	x8	x8	-8	2 1/4	1	x8	x8
10D	10	1/2	5/8	-10	2 11/64	1 31/64	-10	2 7/64	1 31/64	x10		-10	1 7/8	1 1/4	x10	x10	-10	2 3/8	1 1/4	x10	x10
12D	12	3/4	3/4	-12	2 13/64	1 19/32	-12	2 13/64	1 19/32	x12		-12	2	1 3/8	x12	x12	-12	2 1/2	1 3/8	x12	x12
16D	16	3/4	1	-16	2 13/64	1 19/32	-16	2 13/64	1 19/32	x16		-16	2	1 1/2	x16	x16	-16	2 1/2	1 1/2	x16	x16
17D	17	1	1	-17	2 11/32	1 61/64	-17	2 11/32	1 61/64	x17		*HLC-16-16	2	1 5/8	x16x16	x16x16	*LHLC-16-16			x16x16	x16x16
20D	20	1 1/4	1 1/4	-20	2 33/64	2 1/16	-20	2 45/64	2 1/16	x20		-20-20			x20x20	x20x20	-20-20			x20x20	x20x20
21D	21	1	1 1/4	-21	2 11/32	2 1/16						AC 850-20	2 3/8	1 13/16	x20	x20	AC 852-20	2 7/8	1 13/16	x20	x20
24D	24	1 1/2	1 1/2	-24	2 41/64	2 3/16	-24	2 53/64	2 3/16	x24		-24	2 3/4	2	x24	x24	†-24	3 1/4	2	x24	x24
25D	25	1 1/4	1 1/2	-25	2 41/64	2 1/32															

All parts are interchangeable.

* Parker Number.

†-24 size in Air Corps series compares to -25 size in AN series due to combination of pipe size and hose I. D.

ELBOW: FLARED TUBE, HOSE 90°

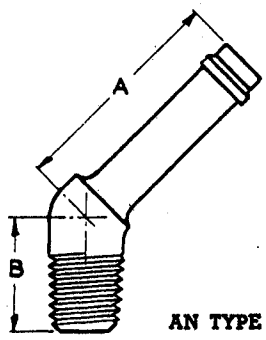


SIZE & MATERIAL		AN PART NUMBER			NAF PART NUMBER				
		ACTIVE			INACTIVE				
Alum. all Types	Bronze	Part No.	Dimensions A	Dimensions B	Part No.	Dimensions A	Dimensions B	Weatherhead No. Dural	Weatherhead No. Bronze
4D	4	AN 843-4	1 13/16	13/16	NAF 213703-4	1 1/2	13/16	7430x4	47430x4
6D	6	-6	1 29/32	63/64	-6	1 19/32	63/64	x6	x6
8D	8	-8	2	17/32	-8	1 11/16	17/32	x8	x8
10D	10	-10	2 3/32	1 3/8	-10	2 1/32	1 3/8	x10	x10
12D	12	-12	2 5/32	1 1/2	-12	2 3/32	1 1/2	x12	x12
16D	16	-16	2 9/32	1 3/4	-16	2 7/32	1 3/4	x16	x16

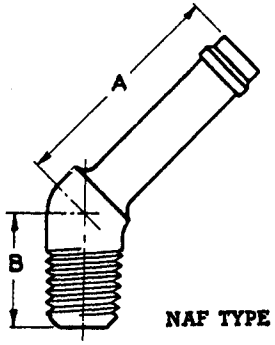
DECIMAL EQUIVALENTS

1/64 .0156	17/64 .2656	33/64 .5156	49/64 .7656
1/32 .0312	9/32 .2812	17/32 .5312	25/32 .7812
3/64 .0468	19/64 .2968	35/64 .5468	51/64 .7968
1/16 .0625	5/16 .3125	9/16 .5625	13/16 .8125
5/64 .0781	21/64 .3281	37/64 .5781	53/64 .8281
3/32 .0937	11/32 .3437	19/32 .5937	27/32 .8437
7/64 .1093	23/64 .3593	39/64 .6093	55/64 .8593
1/8 .125	3/8 .375	5/8 .625	7/8 .875
9/64 .1406	25/64 .3906	41/64 .6406	57/64 .8906
5/32 .1562	13/32 .4062	21/32 .6562	29/32 .9062
11/64 .1718	27/64 .4218	43/64 .6718	59/64 .9218
3/16 .1875	7/16 .4375	11/16 .6875	15/16 .9375
13/64 .2031	29/64 .4531	45/64 .7031	61/64 .9531
7/32 .2187	15/32 .4687	23/32 .7187	31/32 .9687
15/64 .2343	31/64 .4843	47/64 .7343	63/64 .9843
1/4 .25	1/2 .5	3/4 .75	1-1.0

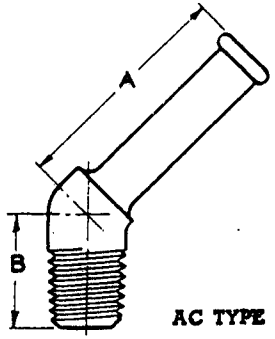
ELBOW: PIPE THREAD 45°



AN TYPE



NAF TYPE



AC TYPE

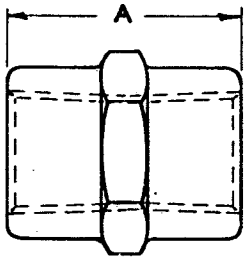
SIZE AND MATERIAL				AN PART NO.			NAF PART NUMBER					AC AND PARKER PART NUMBERS								
				ACTIVE			INACTIVE					INACTIVE								
Alum. all Types	Brass Bronze	Pipe Size	Hose I.D.	Part No.	Dimensions A	Dimensions B	Part No.	Dimensions A	Dimensions B	Weatherhead No. Alum.	Weatherhead No. Bronze	Part No.	Dimensions A	Dimensions B	Weatherhead No. Dural	Weatherhead No. Brass	Part No.	Dimensions A	Dimensions B	Weatherhead No. Dural	Weatherhead No. Brass
4D	4	1/8	1/4	AN 844	1 5/8	5/8	NAF 213708-4	1 5/8	5/8	7379x4	Not made because not called for by any manufacturer.	AC 851-4	1 3/16	1/2	7378x4	27378x4	AC 853-4	1 11/16	1/2	7377x4	27377x4
6D	6	1/4	3/8		1 11/16	7/8	-6	1 11/16	7/8	x6		-6	1 1/4	11/16	x6	x6	-6	2	11/16	x6	x6
8D	8	3/8	1/2		1 23/32	59/64	-8	1 23/32	59/64	x8		-8	1 5/16	3/4	x8	x8	-8	2 1/16	3/4	x8	x8
10D	10	1/2	5/8		1 25/32	15/32	-10	1 25/32	15/32	x10		-10	1 5/8	15/16	x10	x10	-10	2 1/8	15/16	x10	x10
12D	12	3/4	3/4		1 13/16	1 13/64	-12	1 13/16	1 13/64	x12		-12	1 9/16	1 1/16	x12	x12	-12	2 1/16	1 1/16	x12	x12
16D	16	3/4	1		1 13/16	1 13/64	-16	1 13/16	1 13/64	x16		-16	1 11/16	1 1/16	x16	x16	-16	2 3/16	1 11/16	x16	x16
17D	17	1	1		1 7/8	1 31/64	-17	1 7/8	1 31/64	x17		HLC 45°-16-16*	1 11/16	1 1/4	x16x16	x16x16	HLC45°-16-16*			x16x16	x16x16
20D	20	1 1/4	1 1/4		1 15/16	1 1/2	-20	2 1/8	1 1/2	x20		-20-20*			x20x20	x20x20	-20-20*			x20x20	x20x20
21D	21	1	1 1/4		1 7/8	1 31/64						AC 851-20	2	1 1/4	x20	x20	AC 853-20	2 1/2	1 1/4	x20	x20
24D	24	1 1/2	1 1/2		2	1 9/16	-24	2 3/16	1 9/16	x24		-24	2 1/4	1 3/8	x24	x24	†-24	3 1/4	2	x24	x24
25D	24	1 1/4	1 1/2		2	1 7/16															

All parts are interchangeable

*Parker Number.

†-24 size in Air Corps series compares to -25 size in AN series due to combination of pipe size and hose I. D.

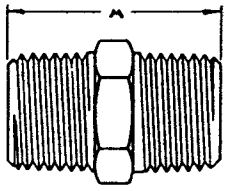
COUPLING: PIPE THREAD



SIZE & MATERIAL		AN PART NO.		NAF PART NUMBER				AC AND PARKER PART NUMBERS				
		ACTIVE		INACTIVE				INACTIVE				
Alum. all Types	Brass or Bronze	Part No.	Dimension A	Part No.	Dimension A	Weatherhead No. Dural	Weatherhead No. Bronze	Part No.	Dimension A	W. No. Brass	Parker Part No.	Parker Part No.
1/8D	1/8	AN 910-1	27/32	NAF 213767-1	27/32	7003x2	47003x2	AC 895-50	27/32	245952	3152-9-1/8	4213-1/8
1/4D	1/4	-2	1 1/8	-2	1 1/8	x4	x4	-51	1 1/32	245953	-1/4	-1/4
3/8D	3/8	-3	1 7/32	-3	1 7/32	x6	x6	-52	1 7/64	245954	-3/8	-3/8
1/2D	1/2	-4	1 19/32	-4	1 19/32	x8	x8	-53	1 23/64	245955	-1/2	-1/2
3/4D	3/4	-6	1 5/8	-5	1 5/8	x12	x12	-54	1 1/2	245956	-3/4	-3/4
1D	1	-8	1 15/16	-6	1 15/16	x16	x16				-1	-1
1 1/4D	1 1/4	-10	1 15/16								-1 1/4	-1 1/4

All parts are interchangeable.

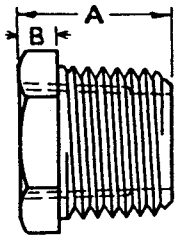
NIPPLE: PIPE THREAD



SIZE & MATERIAL		AN PART NO.		NAF PART NUMBER				AC AND PARKER PART NUMBERS					
		ACTIVE		INACTIVE				INACTIVE					
Alum. all Types	Bronze or Brass	Part No.	Dimension A	Part No.	Dimension A	Weatherhead No. Dural	Weatherhead No. Bronze	Part No.	Dimension A	Weatherhead No. Dural	Weatherhead No. Brass	Parker Numbers	
1/8D	1/8	AN 911-1	31/32	NAF 213701-1	31/32	7002x2	47002x2	AC 895-90	29/32	245130	245389	3152-6-1/8	4214-1/8
1/4D	1/4	-2	1 7/16	-2	1 7/16	x4	x4	-91	1 5/16	245131	245390	-1/4	-1/4
3/8D	3/8	-3	1 15/32	-3	1 15/32	x6	x6	-92	1 11/32	245132	245391	-3/8	-3/8
1/2D	1/2	-4	1 27/32	-4	1 27/32	x8	x8	-93	1 3/4	245133	245392	-1/2	-1/2
3/4D	3/4	-6	1 29/32	-6	1 29/32	x12	x12	-94	1 25/32	245134	245393	-3/4	-3/4
1D	1	-8	2 5/16	-8	2 5/16	x16	x16	-95	2 3/16	245135		-1	-1
1 1/4D	1 1/4	-10	2 11/32	-10	2 11/32	x20	x20					-1 1/4	-1 1/4

All parts are interchangeable.

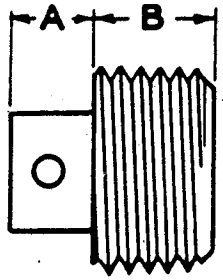
BUSHING: REDUCER



SIZE AND MATERIAL		AN PART NUMBER			NAF PART NUMBER					AC AND PARKER PART NUMBERS				
		ACTIVE			INACTIVE					INACTIVE				
Alum. all Types	Bronze or Brass	Part No.	Dimensions A	Dimensions B	Part No.	Dimensions A	Dimensions B	Weatherhead No. Dural	Weatherhead No. Bronze	Part No.	Dimensions A	Dimensions B	Parker Part No.	Parker Part No.
1/4 x 1/8D	1/4 x 1/8	AN 912-1	25/32	3/16	NAF 213765-1	25/32	3/16	7034x2	Not made because not called for by any manufacturer.	AC 895-80	3/4	3/16	3152-1 1/4 x 1/8	423- 1/4 x 1/8
3/8 x 1/4D	3/8 x 1/4	-2	25/32	3/16	-3	25/32	3/16	7036x4		-82	25/32	25/32	- 3/8 x 1/4	- 3/8 x 1/4
3/8 x 1/8D	3/8 x 1/8	-3	25/32	3/16	-2	25/32	3/16	x2		-81	25/32	7/32	- 3/8 x 1/8	- 3/8 x 1/8
1/2 x 3/8D	1/2 x 3/8	-4	11/64	1/4	-5	11/64	1/4	7038x6		-84	1	1/4	- 1/2 x 3/8	- 1/2 x 3/8
1/2 x 1/4D	1/2 x 1/4	-5	11/64	1/4	-4	11/64	1/4	x4		-83	1	1/4	- 1/2 x 1/4	- 1/2 x 1/4
1/2 x 1/8D	1/2 x 1/8	-6	11/64	1/4	-9	11/64	1/4	x2					- 1/2 x 1/8	- 1/2 x 1/8
3/4 x 1/2D	3/4 x 1/2	-7	11/16	9/32	-7	11/16	9/32	7040x8		-86	11/32	9/32	- 3/4 x 1/2	- 3/4 x 1/2
3/4 x 3/8D	3/4 x 3/8	-8	11/16	9/32	-6	11/16	9/32	x6		-85	11/32	9/32	- 3/4 x 3/8	- 3/4 x 3/8
3/4 x 1/4D	3/4 x 1/4	-9	11/16	9/32	-10	11/16	9/32	x4					- 3/4 x 1/4	- 3/4 x 1/4
1 x 3/4D	1 x 3/4	-10	1 1/4	9/32	-8	1 1/4	9/32	7042x12		-87	1 1/4	5/16	-1 x 3/4	-1 x 3/4
1 x 1/2D	1 x 1/2	-11	1 1/4	9/32	-12	1 1/4	9/32	x8					-1 x 1/2	-1 x 1/2
1 x 3/8D	1 x 3/8	-12	1 1/4	9/32	-11	1 1/4	9/32	x6		-88	1 9/32	5/16	-1 x 3/8	-1 x 3/8
1 1/4 x 3/4D	1 1/4 x 3/4	-13	1 9/32	5/16									-1 1/4 x 3/4	-1 1/4 x 3/4

All parts are interchangeable.

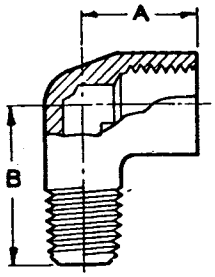
PLUG: PIPE THREAD SQUARE HEAD



SIZE AND MATERIAL			AN PART NUMBER			NAF PART NUMBER					AC AND PARKER PART NUMBERS							
			ACTIVE			INACTIVE					INACTIVE							
Alum. all Types	Iron AC Only	Brass or Bronze	Part No.	Dimensions A	B	Part No.	Dimensions A	B	Weatherhead No. Dural	Bronze	Part No.	Dimensions A	B	Weatherhead No. Dural	Brass	Iron	Parker Numbers	
1/8D	1/8	1/8	AN 913-1	1/4	21/64	NAF 213768-1	1/4	21/64	7051x2	47051x2	AC 895-70	1/4	17/64	Not popular and called for in only a few sizes by the industry.	245104	276889	3152-4-1/8	427-1/8
1/4D	1/4	1/4	-2	9/32	31/64	-2	9/32	31/64	x4	x4	-71	9/32	13/32		245623		-1/4	-1/4
3/8D	3/8	3/8	-3	5/16	31/64	-3	5/16	31/64	x6	x6	-72	5/16	13/32		245105	285647	-3/8	-3/8
1/2D	1/2	1/2	-4	3/8	5/8	-4	3/8	5/8	x8	x8	-73	3/8	35/64		245624	245115	-1/2	-1/2
3/4D	3/4	3/4	-6	7/16	41/64	-5	7/16	41/64	x12	x12	-74	7/16	35/64		245079		-3/4	-3/4
1D	1	1	-8	1/2	51/64	-6	1/2	51/64	x16	x16	-75	1/2	11/16		245364		-1	-1
1 1/4D	1 1/4	1 1/4	-10	9/16	61/64												-1 1/4	-1 1/4

All parts are interchangeable.

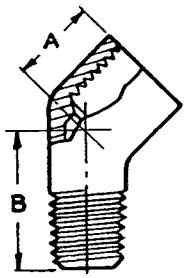
ELBOW: INTERNAL AND EXTERNAL PIPE THREAD 90°



Size & Material		AN PART NUMBER			NAF PART NUMBER					AC AND PARKER PART NUMBERS				
		ACTIVE			INACTIVE					INACTIVE				
Alum. all Types	Brass or Bronze	Part No.	Dimensions A	Dimensions B	Part No.	Dimensions A	Dimensions B	Weatherhead No. Dural	Weatherhead No. Bronze	Part No.	Dimensions A	Dimensions B	Parker No.	Parker No.
1/8D	1/8	AN 914-1	39/64	55/64	NAF 213758-1	39/64	55/64	7004x2	Not made because not called for by any manufacturer.	AC 895-1	35/64	53/64	3151CD-1/8	428-1/8
1/4D	1/4	-2	57/64	17/32	-2	57/64	17/32	x4		-2	23/32	17/64	-1/4	-1/4
3/8D	3/8	-3	15/16	119/64	-3	15/16	119/64	x6		-3	53/64	1 1/4	-3/8	-3/8
1/2D	1/2	-4	111/64	139/64	-4	111/64	139/64	x8		-4	11/64	131/64	-1/2	-1/2
3/4D	3/4	-6	111/32	147/64	-5	111/32	147/64	x12		-5	13/16	121/32	-3/4	-3/4
1D	1	-8	119/32	27/64	-6	119/32	27/64	x16		-6	17/16	163/64	-1	-1
1 1/4D	1 1/4	-10	1 3/4	2 1/4						-7	111/16	2 1/4	-1 1/4	-1 1/4

All parts are interchangeable.

ELBOW: INTERNAL AND EXTERNAL PIPE THREAD 45°

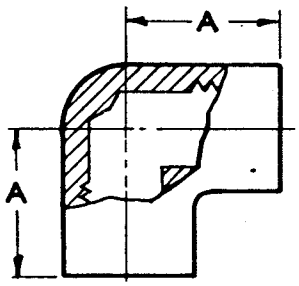


Size and Material		AN PART NUMBER			NAF PART NUMBER					PARKER PART NUMBERS			
		ACTIVE			INACTIVE					INACTIVE			
Alum. all Types	Brass or Bronze	Part No.	Dimensions A	Dimensions B	Part No.	Dimensions A	Dimensions B	Weatherhead No. Dural	Weatherhead No. Bronze	Part No.	Dimensions A	Dimensions B	Part No.
1/8D	1/8	AN 915-1	15/32	23/32	NAF 213755-1	15/32	23/32	7035x2	Not made because not called for by any manufacturer.	3151-CD-45°-1/8	9/16	23/32	4215-1/8
1/4D	1/4	-2	5/8	13/64	-2	5/8	13/64	x4		-1/4	11/16	29/32	-1/4
3/8D	3/8	-3	23/32	1 1/16	-3	23/32	1 1/16	x6		-3/8	13/16	1 1/32	-3/8
1/2D	1/2	-4	29/32	111/32	-4	29/32	111/32	x8		-1/2	27/32	17/32	-1/2
3/4D	3/4	-6	31/32	1 3/8	-5	31/32	1 3/8	x12		-3/4	1	1 1/4	-3/4
1D	1	-8	1 1/8	123/32	-6	1 1/8	123/32	x16		-1	15/32	1 5/8	-1
1 1/4D	1 1/4	-10	15/32	1 7/8						-1 1/4	111/32	1 5/8	-1 1/4

All parts are interchangeable.

ELBOW:

INTERNAL PIPE THREAD 90°

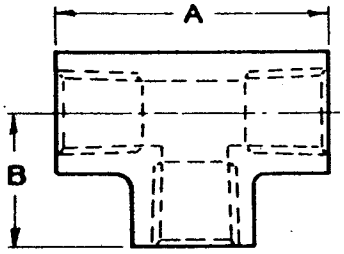


SIZE & MATERIAL		AN PART NO.		NAF PART NUMBER				AC AND PARKER PART NUMBERS			
		ACTIVE		INACTIVE				INACTIVE			
Alum. all Types	Brass or Bronze	Part No.	Dimension A	Part No.	Dimension A	Weatherhead No. Dural	Weatherhead No. Bronze	Part No.	Dim. A	Parker (3151)	Parker No.
⅛D	⅛	AN 916-1	41/64	NAF 213756-1	41/64	7005x2	47005x2	AC 895-10	35/64	DD-⅛	4210-⅛
¼D	¼	-2	57/64	-2	57/64	x4	x4	-11	23/32	-¼	-¼
⅜D	⅜	-3	31/32	-3	31/32	x5	x5	-12	53/64	-⅜	-⅜
½D	½	-4	1 15/64	-4	1 15/64	x8	x8	-13	1 1/64	-½	-½
¾D	¾	-6	1 11/32	-5	1 11/32	x12	x12	-14	1 3/16	-¾	-¾
1D	1	-8	1 ⅝	-6	1 ⅝	x16	x16	-15	1 7/16	-1	-1
1¼D	1¼	-10	1 11/16					-16	1 11/16	-1¼	-1¼

All parts are interchangeable.

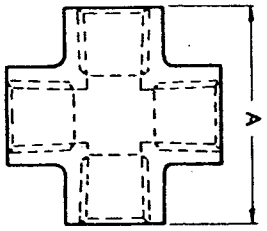
TEE:

INTERNAL PIPE THREAD



Size and Material		AN PART NUMBER			NAF PART NUMBER					AC AND PARKER PART NUMBERS				
		ACTIVE			INACTIVE					INACTIVE				
Alum. all Types	Brass or Bronze	Part No.	Dimensions A	Dimensions B	Part No.	Dimensions A	Dimensions B	Weatherhead No. Dural	Weatherhead No. Bronze	Part No.	Dimensions A	Dimensions B	Parker Part No.	Parker Part No.
⅛D	⅛	AN 917-1	19/32	41/64	NAF 213759-1	19/32	41/64	7007x2	Not made because not called for by any manufacturer.	AC 895-30	13/32	35/64	3151MMO-⅛	4211-⅛
¼D	¼	-2	1 25/32	57/64	-2	1 25/32	57/64	x4		-31	17/16	23/32	-¼	-¼
⅜D	⅜	-3	1 15/16	31/32	-3	1 15/16	31/32	x6		-32	1 21/32	53/64	-⅜	-⅜
½D	½	-4	2 15/32	1 15/64	-4	2 15/32	1 15/64	x8		-33	2 1/32	1 1/64	-½	-½
¾D	¾	-6	2 11/16	1 11/32	-5	2 11/16	1 11/32	x12		-34	2 ⅜	1 3/16	-¾	-¾
1D	1	-8	3¼	1 ⅝	-6	3¼	1 ⅝	x16		-35	2 ⅞	1 7/16	-1	-1
1¼D	1¼	-10	3 ⅜	1 11/16						-36	3 ⅜	1 11/16	-1¼	-1¼

All parts are interchangeable.

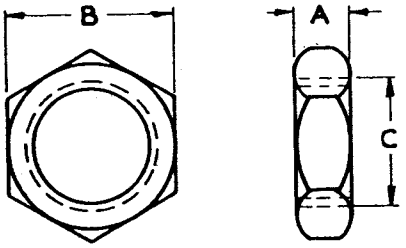


CROSS:

INTERNAL PIPE THREAD

Size & Material		AN PART NO.		NAF PART NUMBER				AC AND PARKER PART NUMBERS			
		ACTIVE		INACTIVE				INACTIVE			
Alum. all Types	Brass and Bronze	Part No.	Dim. A	Part No.	Dim. A	Weatherhead No. Dural	Weatherhead No. Bronze	Part No.	Dim. A	Parker Part No.	Parker Part No.
1/8D	1/8	AN 918-1	19/32	NAF 213748-1	19/32	7095x2	Not made because not called for by any manufacturer.	AC 895-40	15/64	3151-KMMOO-1/8	4212-1/8
1/4D	1/4	-2	125/32	-2	125/32	x4		-41	127/64	-1/4	-1/4
3/8D	3/8	-3	115/16	-3	115/16	x6		-42	141/64	-3/8	-3/8
1/2D	1/2	-4	215/32	-4	215/32	x8		-43	21/64	-1/2	-1/2
3/4D	3/4	-6	211/16	-5	211/16	x12		-44	223/64	-3/4	-3/4
1D	1	-8	3 1/4	-6	3 1/4	x16		-45	255/64	-1	-1
1 1/4D	1 1/4	-10	3 3/8					-46	3 3/8	-1 1/4	1 1/4

All parts are interchangeable.



NUT:

FLARED TUBE BULKHEAD AND UNIVERSAL FITTING

	A	B	C		A	B	C
NAF 213830-2	7/32	1/2	5/16-24 *	11-1039-1-1	3/16	1/2	5/16-24 *
-3	7/32	9/16	3/8-24 *	-2	7/32	9/16	3/8-24 *
-4	1/4	5/8	7/16-20 *	-3	1/4	5/8	7/16-20 *
-5	1/4	3/4	1/2-20 *	-4	1/4	11/16	1/2-20 *
-6	9/32	7/8	9/16-18 x	-5	1/4	3/4	9/16-20 w
-7	5/16	1	5/8-18	-7	1/4	7/8	5/8-20
-8	5/16	1 1/8	3/4-16 x	-10	1/4	1	3/4-18 w
-10	11/32	1 5/16	7/8-14 x	-14	1/4	1 1/4	7/8-18 w
-12	3/8	1 1/2	114 x	-19	9/32	1 7/16	1 1/16-14 w
-16	13/32	1 7/8	1 1/4-12	-26	9/32	1 3/4	1 5/16-14 w
AN 316-5R	5/32	1/2	5/16-24 *	AN 924-2	7/32	9/16	5/16-24 *
-6R	3/16	9/16	3/8-24 *	-3	7/32	5/8	3/8-24 *
-7R	7/32	5/8	7/16-20 *	-4	1/4	11/16	7/16-20 *
-8R	1/4	3/4	1/2-20 *	-5	1/4	3/4	1/2-20 *
AC 39B1024-6	1/4	3/4	9/16-20 w	-6	17/64	13/16	9/16-18 x
-8	1/4	1	3/4-18 w	-8	5/16	1	3/4-16 x
-10	1/4	1 1/4	7/8-18 w	-10	23/64	1 1/8	7/8-14 x
-12	9/32	1 9/16	1 1/16-14 w	-12	13/32	1 3/8	1 1/16-12
-16	5/16	1 3/4	1 5/16-14 w	-16	13/32	1 5/8	1 5/16-12
				-20	13/32	1 15/16	1 5/8-12

AN 831 has been superseded by AN 924.

* x w—Interchangeable with each other.

Date.....

Mail To:—

Standardization Branch (ASCMA5)
Aircraft Section
Maintenance Division
Air Service Command
Patterson Field, Fairfield, Ohio

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Equipment Substitution Report

AIRPLANE: Name..... Type.....

Ser. No.....

Name of Article Removed	Part Number & Type	Manufacturer
Name of Article Installed	Part Number & Type	Manufacturer

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Remarks.....

Station or Base.....

Inspector..... Approving Officer.....

Cut on Dotted Line

Cut On Dotted Line.

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