



U.S. Department  
of Transportation  
**Federal Aviation  
Administration**

Long Beach Flight Standards District Office  
5001 Airport Plaza Drive, Suite 100  
Long Beach, CA 90815  
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June 26, 2018

Ms. Kathryn Brewer  
Accountable Manager  
Leading Edge Avionics, Inc.  
19300 Ike Jones Road  
Santa Ana, CA 92707

Dear Ms. Brewer:

This is notification that Leading Edge Avionics, Inc.'s Capability List dated 06/21/2018, Revision 0, has been reviewed and found to be acceptable. Enclosed, please find pages 1 through 8 stamped and signed "Accepted." Please retain a copy of this letter for your records.

Please ensure that management, supervisory, and inspection personnel fully understand the limitations of the implemented capability list.

Sincerely,

A handwritten signature in blue ink that reads "Josef E. Babati".

Josef E. Babati  
Principal Avionics Inspector

Enclosures (8)

# Capabilities List

Manufacturer	Type	Model	Limited
<b>Instruments</b>			
Allied-Signal, Bendix, Bendix-King, or King	Autopilot Systems	KAP-100	B
		KAP-105H	B
		KAP-140	B
		KAP-150	B
		KAP-200	C
		KFC-150	B
		KFC-200	C
		KFC-225	B
		KFC-250	B
		KFC-300	A
		KFC-325	A
		KFC-400	A
		FCS-810	C
		FCS-870	A
		FCS-8700	A
FCS-70	A		
M4	A		
M4A	A		
M4B	A		
M4C	A		
M4D	A		
ARC / Cessna	Autopilot Systems	All Nav-O-Matic Models	
		200	A
		200A	C
		300	A
		300A	C
		400	A
		400A	A
		400B	C
		800B	C
		IFCS-1000A	A
Century Flight Systems EDO-Aire, Mitchell	Autopilot Systems	Century I	A
		Century II	C
		Century II-B	C
		Century III	C
		Century 4	A
		Century 21	A
		Century 31	A
		Century 41	A
		Century 2000A	A
	(Continued)		

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 Principal Avionics Inspector  
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# Capabilities List

Manufacturer	Type	Model	Limited
<b>Instruments (Continued)</b>			
Collins or Rockwell / Collins	Autopilot Systems	AP-103	A
		AP-105	A
		AP-106	A
		AP-107	A
		APC-65	A
		APC-80	A
		APC-85	A
		APS-4000	A
		Proline 4	A
		Proline 21	A
Honeywell	Autopilot Systems	H-14	A
		H-14A	A
S-Tec	Autopilot Systems	System 20	A
		System 30	A
		System 30-ALT	A
		System 40	A
		System 50	A
		System 55	A
		System 65	A
		System 60-1	A
		System 60-2	A
		System 60-PSS	A
Sperry	Autopilot Systems	SPZ-200A	A
		SPZ-500	A
		SPZ-500C	A
		SPZ-501	A
		SPZ-502	A
		SPZ-4000	A
		SPZ-600	A
		SPZ-8000	A
A = FLIGHTLINE MAINTENANCE			
B = FLIGHTLINE MAINTENANCE, SERVO BENCH REPAIRS			
B1 = FLIGHTLINE MAINTENANCE, PITCH SERVO BENCH REPAIRS			
C = FLIGHTLINE MAINTENANCE, COMPLETE BENCH REPAIR CAPABILITY			


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# Capabilities List

Manufacturer	Type	Model
	<b>Accessories</b>	
	<b>Limitation Note</b>	
	The accessories listed below are limited to INSTALLATION, and to the REPAIR OF INSTALLED SYSTEMS.	
Electronics International Inc	Engine Analyzers	UBG-16 US-8A SR-8A
	Fuel Flow / Pressure Instruments	FP-5 FP-5L
	Fuel Level Instruments	FL-1C, FL-1R, FL-1RH FL-2C, FL-2R, FL-2RH
	RPM, Oil Press/Temp and Manifold Pressure	R-1 OPT-1 M-1
	Volt / Amp Instruments	VA-1A, VA-1A-xx
	Altitude Alert / Super Clock Instruments	ASC-5 SC-5
	EGT	E-1, E-2 E-4, E-6 E-1P, EE-1P EC-1, EC-2 EC-1P, EC-1PT EAC-1
	CHT	C-1, C-2 C-1P, CC-1P C-4, C-6 EC-1, EC-2 EAC-1 EC-1P, EC-1PT TC-1PT
	TIT	T-1P, TT-1P TC-1P, TC-1PT
	OAT	A-1 CA-1 EAC-1
	Carb Temp	CA-1
Insight Instrument Corp.	Graphic Engine Monitors	GEM 602 GEM 603 GEM 610 GEMINI 1200
	(Continued)	


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# Capabilities List

Manufacturer	Type	Model	
	<b>Accessories (Continued)</b>		
JP Instruments, Inc.	Graphic Engine Monitors <i>(Basic Units come with EGT/CHT Probes and RS-232 Data Port. See Available Options).</i>	EDM-450 Series	
		EDM-700 Series (All Models)	
		EDM-800 Series (All Models)	
		EDM-900 Series (All Models)	
		Graphic Engine Monitor Options for EDM-750 & EDM-760	Second TIT, OAT, Oil Temp <i>(No Model Numbers)</i>
		Graphic Engine Monitor Options for the EDM-700	TIT, OAT, Oil Temp IAT / CDT, Carb Temp CHT Adapter Fuel Flow PC Interface <i>(No Model Numbers)</i>
	Data Recording Options for EDM-700	Package A Package B	
	<i>(Adds Percent of Horsepower, Tach, Manifold Pressure, OAT, and DataRecording Memory)</i>		
Shadin	Fuel / Airdata Computers	ADC-200 ADC-2000 Digidata	
		Altitude Management Systems	AMS-2000 Falcon Encoder
		Fuel Flow Systems	Digiflo Digiflo-L
			Miniflo Miniflo-L
		Microflo Microflo-L	
Flight Display Systems	Cabin Entertainment Systems	Displays, Maps & Audio	
Collins	Air Show	400, 401, 4000 & CMS-1	
Westach	Oil Temp System	K35X	

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# Capabilities List

Make	Limited Airframe	Model
	<b>Limitation Note</b>	
	All the following listed Airframes are limited to Pitot/Static maintenance and preventative maintenance and certification IAW applicable FAA approved data.	
	The following listed Airframes are also limited to maintenance, preventative maintenance and installation of the systems authorized by Leading Edge Avionics, Inc. Air Agency Certificate.	
Aeronca		7 & 11AC
Aerospatiale		AS350B1
Alon		A2
American General A/C Corp.		AA-5 Series
American Champion Aircraft		7EC, 7ECA/7GC, 8GCBC & 8KCAB
Apex		CAP 232
Aviat Aircraft (Huskie)		A-1B Series
Beech (Raytheon)		18 (Twin Beech) 23,24,33,34,35,36,45, Series 50,55,60,70,90,200 Series
Beech King Air		100 & 300 Series
Bell		47, 200 & 400 Series
Bellanca		17 & 73 Series
Boeing		MD500 & MD600 Series Stearman 737 Series 757 Series
Bombardier Challenger		600 Series
Cessna		100, 200, 300, 400, 500, 600, 700 Series
Champion		7ECA
Consolidated		PBY-5A
Cirrus		SR20/22 Series
Commander A/C Company		100 Series
Costruzioni Aeronautiche Tecna		P2008
De Havilland		DHC-2 Beaver DHC-6 Twin Otter Dash-7
Diamond Aircraft	(Continued)	DA20 & DA40 Series

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# Capabilities List

Make	Limited Airframe	Model	
Douglas		DC Series	
Eclipse		EA500	
Ehlers		Starduster ESA300	
Embraer		EMB & Phenom 100	
Enstrom Helicopter		280F	
Ercoupe		E	
Eurocopters		100 Series	
Evektor-Aerotechnik		Sportstar Max	
Extra		300 Series	
Fairchild		228 Series & Merlin Metro Series	
Falcon		10, 50, 900B Series	
Gates Lear Jet		25D & 35A	
Gippsaero		GA8-TC 320	
Glasair		II-S RG	
Goodyear		GZ-20A	
Gulfstream		AA & G Series	
Grumman		AA Series	
Hawker Siddeley		BH.125-400A HS.125-700A HS.125-800A HS.125-1000	
Helio		250 Series	
Herald-Ladue		Skybolt	
Hughes		269A	
Israel Aircraft		1124A	
Lancair		IV Series	
Lake		LA Series	
Lear		24,25,31A,35,36,40,50,55,60 Series	
	(Continued)		

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## Capabilities List

Make	Limited Airframe	Model
Liberty Aerospace		Liberty XL-2
Lockhead		Jetstar L-1011-500 Tri Star
Long EZ		Long EZ
Luscombe		8 Series
Machin Doran G		Van's Aircraft RV6
Maule		M4 to M7 Series
Mitsubishi		MU-2
Mooney		20 Series
Navion		260 & B Series
North American		SNJ-5
Partenavia SPA		P.68C
Piaggio		P180
Pilatus		PC SERIES
Piper		PA18, PA20, 30, 40 & 60 Series Meridian & Mirage
Pitts		S-1 Series
Rare Aircraft Ltd		Taperwing T-10
Raytheon Aircraft		2000 Starship 400A, 700, 800 & 1000 Hawker Series
RHEA Larry M		RV6A
Robinson Helicopter		R22 Beta & R44 II
Rockwell International		112, 114, 690B Series
Siai-Marchetti		SF.260TP Series
Sikorshy		S-76B
S.N.I.A.S.		AS350D
Socata		TB8 to TB21 Series
Stention		TBM 700
Swearingen		SA226-T(B)
Taylorcraft		DCO-65
Tiger Aircraft LLC		AG-5B

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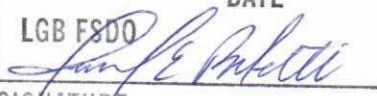
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# Capabilities List

Make	Limited Airframe	Model	
Twin Commander		500, 600 Series	
Waco		YMF	
Westwind		1123/24 Series	
Experimental/Homebuilt	Leading Edge Avionics, Inc. assists the experimental builder with		
	electrical or avionics installations IAW AC 43:13-1B/2A		
	manufacturers instruments and perform maintenance on		
	experimental/homebuilt aircraft IAW Leading Edge Avionics		
	Operation Specifications.		

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