



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

FEDERAL AVIATION ADMINISTRATION - PARTS MANUFACTURER APPROVAL

Whelen Aerospace Technologies
210 Airport Dr. East
Sebastian, FL. 32958

PMA Project No. **PQ1372CE**
Supplement No. 69
Date: 07/29/2021

Article Name	Part Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make/TCH Eligibility	Model/Series Eligibility ⁽¹⁾
LED Landing Light	01-0772102-10	Modification Part	STC SA00344BO, MDL-140212 <u>Rev:</u> G <u>Date:</u> 6/30/2021 or later FAA-approved revision, <u>DWG No:</u> 72102 <u>Rev:</u> - <u>Date:</u> 6/29/2021 or later FAA-approved revisions.	AERMACCHI S.p.A. AERMACCHI S.p.A. Aerostar Aircraft Corp. Agusta S.p.A. Air Tractor, Inc. Air Tractor, Inc. Alexandria Aircraft, LLC Alexandria Aircraft, LLC	S.205-18/F, S.205-18/R, S.205-20/F, S.205-20/R, S.205-22/R, S.208, S.208A F.260, F.260B, F.260C, F.260D, F.260E, F.260F PA-60-600 (AEROSTAR 600) PA-60-601 (AEROSTAR 601) PA-60-601P (AEROSTAR 601P) PA-60-602P (AEROSTAR 602P) PA-60-700P (AEROSTAR 700P) S.210 AT-401, AT-401A, AT-401B, AT-402, AT-402A, AT-402B, AT-502, AT-502A, AT-502B, AT-504 AT-602, AT-802, AT-802A 14-19, 14-19-2, 14-19-3, 14-19-3A, 17-30, 17-31, 17-31TC 17-30A, 17-31A, 17-31ATC

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				British Aerospace Regional Aircraft	Jetstream 3101
				British Aerospace Regional Aircraft	Jetstream 3201
				Burl A. Rogers (Aeronca)	15AC, SI5AC
				Cessna Aircraft Company	LC40-550FG, LC42-550FG, LC41-550FG
				Cessna Aircraft Company	C-145, C-165 (ARMY UC-94)
				Cessna Aircraft Company	120, 140
				Cessna Aircraft Company	140A
				Cessna Aircraft Company	150, 150A, 150B, 150C, 150D, 150E, 150F, 150G, 150H, 150J,150K, A150K, 150L, A150L, 150M, A150M 152, A152

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				Cessna Aircraft Company	310, 310A (USAF U-3A), 310B, 310C, 310D, 310E (USAF U-3B), 310F, 310G, 310H, E310H, 310I, 310J, 310J-1, E310J, 310K, 310L, 310N, 310P, 310Q, 310R, T310P, T310Q, T310R
				Cessna Aircraft Company	320, 320-1, 320A, 320B, 320C, 320D, 320E, 320F, 335, 340, 340A
				Cessna Aircraft Company	336
				Cessna Aircraft Company	337, 337A (USAF 02B), 337B, 337C, 337D, 337E, 337F, 337G, 337H, M337B (USAF 02A), T337B, T337C, T337D, T337E, T337F, T337G, T337H, T337H-SP, P337H
				Cessna Aircraft Company	401, 401A, 401B, 402, 402A, 402B, 402C, 411, 411A, 414, 414A, 421, 421A, 421B, 421C, 425
				Cessna Aircraft Company	404, 406
Cessna Aircraft Company	441				

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LED Landing Light	01-0772102-10	Modification Part	STC SA00344BO, MDL-140212 <u>Rev:</u> G <u>Date:</u> 6/30/2021 or later FAA-approved revision, <u>DWG No:</u> 72102 <u>Rev:</u> - <u>Date:</u> 6/29/2021 or later FAA-approved revisions.	Taylorcraft 2000, LLC Taylorcraft 2000, LLC The Don Luscombe Aviation History Foundation, Inc. Thrush Aircraft, Inc. Thrush Aircraft, Inc. Thrush Aircraft, Inc. Thrush Aircraft, Inc. True Flight Holdings LLC	BC, BCS, BC-65, BCS-65, BC12-65 (Army L-2H), BCS12-65, BC12-D, BCS12-D, BCS12-D1, BC12D-85, BCS12D-85, BC12D-4-85, BCS12D-4-85 19, F19, F21, F21A, F21B, F22, F22A, F22B, F22C 8, 8A, 8B, 8C, 8D, 8E, 8F, T-8F S2A S-2B, S-2C, 600-S2C 600 S-2D, S-2R, S2R-T34, S2R-T15, S2R-T11, S2R-R3S, S2R-R1340 600 S-2D, S-2R, S2R-T34, S2R-T15, S2R-R3S, S2R-T11, S2R-R1340, S2R-R1820, S2R-T65, S2RHG-T65, S2R-T45, S2R-G6, S2R-G10, S2R-G5, S2R-G1, S2RHG-T34, S2R-T660 AA-5, AA-5A, AA-5B, AG-5B

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				Cessna Aircraft Company	172, 172A, 172B, 172C, 172D, 172E, 172F (USAF T-41A), 172G (USAF T-41A), 172H, 172I, 172K, 172L, 172M, 172N, 172P, 172Q, 172R, 172S
				Cessna Aircraft Company	175, 175A, 175B, 175C, P172D, R172E (USAF T-41B, T-41C and D), R172F (USAF T-41D), R172G USAF T-41C or D), R172H (USAF T-41D), R172J, R172K, 172RG
				Cessna Aircraft Company	177, 177A, 177B
				Cessna Aircraft Company	177RG
				Cessna Aircraft Company	180, 180A, 180B, 180C, 180D, 180E, 180F, 180G, 180I1, 180J, 180K
				Cessna Aircraft Company	182, 182A, 182B, 182C, 182D, 182E, 182F, 182G, 182H, 182J, 182K, 182L, 182M, 182N, 182P, 182Q, 182R, 182S, 182T, R182, T182, TR182, T182T
				Cessna Aircraft Company	185, 185A, 185B, 185C, 185D, 185E, A185E, A185F

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LED Taxi Light	01-0772102-15	Modification Part	STC SA00344BO, MDL-140212 <u>Rev:</u> G <u>Date:</u> 6/30/2021 or later FAA-approved revision, <u>DWG No:</u> 72102 <u>Rev:</u> - <u>Date:</u> 6/29/2021 or later FAA-approved revisions.	Taylorcraft 2000, LLC Taylorcraft 2000, LLC The Don Luscombe Aviation History Foundation, Inc. Thrush Aircraft, Inc. Thrush Aircraft, Inc. Thrush Aircraft, Inc. Thrush Aircraft, Inc. True Flight Holdings LLC	BC, BCS, BC-65, BCS-65, BC12-65 (Army L-2H), BCS12-65, BC12-D, BCS12-D, BCS12-D1, BC12D-85, BCS12D-85, BC12D-4-85, BCS12D-4-85 19, F19, F21, F21A, F21B, F22, F22A, F22B, F22C 8, 8A, 8B, 8C, 8D, 8E, 8F, T-8F S2A S-2B, S-2C, 600-S2C 600 S-2D, S-2R, S2R-T34, S2R-T15, S2R-T11, S2R-R3S, S2R-R1340 600 S-2D, S-2R, S2R-T34, S2R-T15, S2R-R3S, S2R-T11, S2R-R1340, S2R-R1820, S2R-T65, S2RHG-T65, S2R-T45, S2R-G6, S2R-G10, S2R-G5, S2R-G1, S2RHG-T34, S2R-T660 AA-5, AA-5A, AA-5B, AG-5B

FEDERAL AVIATION ADMINISTRATION - PARTS MANUFACTURER APPROVAL

Whelen Aerospace Technologies
 210 Airport Dr. East
 Sebastian, FL. 32958

PMA Project No. **PQ1372CE**
 Supplement No. 69
 Date: 07/29/2021

Article Name	Part Number	Approved Replacement for Part Number	Approval Basis and Approved Design Data	Make/TCH Eligibility	Model/Series Eligibility ⁽¹⁾
LED Taxi Light	01-0772102-15	Modification Part	STC SA00344BO, MDL-140212 <u>Rev:</u> G <u>Date:</u> 6/30/2021 or later FAA-approved revision, <u>DWG No:</u> 72102 <u>Rev:</u> - <u>Date:</u> 6/29/2021 or later FAA-approved revisions.	True Flight Holdings LLC Twin Commander Aircraft LLC Twin Commander Aircraft LLC Twin Commander Aircraft LLC Univair Aircraft Corporation (Stinson) Viking Air Limited Viking Air Limited Viking Air Limited Vulcanair S.p.A.	AA-1, AA-1A., AA-1B, AA-1C 500, 500-A, 500-B, 500-U, 520, 560, 560-A, 560-E, 500-S 560-F, 680, 680E, 680F, 720, 680FL, 680FL(P), 680T, 680V, 680W, 681, 690, 685, 690A, 690B, 690C, 690D, 695, 695A, 695B 700 108, 108-1, 108-2, 108-3, 108-5 DHC-6-1, DHC-6-100, DHC-6-200, DHC-6-300, DHC-6-400 DHC-2 Mk. I, DHC-2 Mk. II, DHC-2 Mk. III DHC-3 P 68, P 68B, P 68C, P 68C-TC, P 68 "Observer", AP68TP 300 "Sparticus", P68TC "Observer", AP68TP 600 "Viator", P68 "Observer 2"

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 210 Airport Dr. East
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Notes:

- (1) Installation is limited to the previously approved landing / taxi light lamp size, voltage and location(s).
- (2) AD 96-10-01 R1 or later revision must be complied with prior to installing the Parmetheus Plus LED light assemblies.
- (3) No approved installation located on the retracting portion of a landing gear.

-----End Of Listing-----

Note: The procedures that have been accepted by the type certificate or TSO authorization holder and its cognizant FAA Aircraft Certification Office, for minor changes to original articles used on type-certificated products, are also acceptable for incorporating the same minor changes on identical PMA replacement articles. The PMA holder must be able to show traceability relating to the TC, STC, or TSO authorization holder on all minor changes incorporated by this procedure. When these procedures are no longer applicable because of completion of the production contract, or termination of the licensing agreement or business relationship, all subsequent minor design changes to the PMA articles must be submitted in a manner as determined by the ACO Major design changes (reference 14 CFR §§21. 319 and 21. 619) to drawings and specifications are to be handled in the same manner as that for an original PMA.

(for) _____
 Thomas W. Hayden
 Manager, Orlando MIDO Section