



SUPPLEMENTAL TYPE CERTIFICATE

10052976

This Supplemental Type Certificate is issued by EASA, acting in accordance with Regulation (EC) No. 216/2008 on behalf of the European Community, its Member States and of the European third countries that participate in the activities of EASA under Article 66 of that Regulation and in accordance with Commission Regulation (EU) No. 748/2012 to

WHELEN ENGINEERING COMPANY Inc.

**51 WINTHROP ROAD
CHESTER CT 06412
USA**

and certifies that the change in the type design for the product listed below with the limitations and conditions specified meets the applicable Type Certification Basis and environmental protection requirements when operated within the conditions and limitations specified below:

**Original Type Certificate Number : SEE EASA APPROVED MODEL LIST
Type Certificate Holder : SEE EASA APPROVED MODEL LIST
Type Design - Model : SEE EASA APPROVED MODEL LIST
Original STC Number : FAA STC SA615EA**

Description of Design Change:

Installation of Whelen Anti-Collision Strobe Light Systems, Part Number 01-0770006-(), 01-0770028-(), 01-0770029-(), 01-0770062-(), 01-0770900-(), 01-0771055-(), 01-0771080-(), and 01-0790520-() as replacement for originally installed anti-collision lights, when installed in accordance with Whelen Anti-Collision Light Systems Installation and Service Manual, Document No. 05131, Rev B, dated June 2010, or later FAA-approved revision.

EASA Certification Basis:

The Certification Basis (CB) for the original product remains applicable to this certificate/ approval. The requirements for environmental protection and the associated certified noise and/ or emissions levels of the original product are unchanged and remain applicable to this certificate/ approval.

See Continuation Sheet(s)

For the European Aviation Safety Agency,

Date of issue: 17 April 2015


Yves MORIER
Head of General Aviation and
Remotely Piloted Aircraft Systems (RPAS)

Note:
The following numbers are listed on the certificate:
EASA current Project Number: 0010036726-001

SUPPLEMENTAL TYPE CERTIFICATE - 10052976 - WHELEN ENGINEERING COMPANY Inc.

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Associated Technical Documentation:

Installation and Maintenance according to Whelen Anti-Collision Light Systems-Installation And Service Manual" Document #05131 Rev. B (June 2010).
or later revisions of the above listed documents approved by EASA in accordance with EASA ED Decision 2004/04/CF (or subsequent revisions of this decision) and/ or the Technical Implementation Procedures of EU/ USA Bilateral Agreement.

Limitations/Conditions:

1. These lights comply with the anti-collision light standards of the FARs as follows:
 - With the red or combined red/white lens; those effective on or prior to August 10, 1971.
 - With the white lens; those effective on August 11, 1971.
2. Install the following placard Whelen Part No. A421, or other FAA approved equivalent:

WARNING

TO AVOID OPTICAL ILLUSION AND SEVERE VERTIGO, TURN ANTI-COLLISION LIGHTS OFF UPON ENTERING CLOUDS, FOG OR HAZE

3. The aircraft listed on the Eligibility List are those which have had both the physical installation of the lights substantiated and the field of coverage checked including the 20° mask. Aircraft not included in the list can use these lights when the physical installation and field of coverage is substantiated as indicated in the Whelen Anti-Collision Light Systems Installation and Service Manual, June 2010, Document No. 05131, Rev B, or later FAA-approved revision, section titled "Aircraft Not Specifically Mentioned on the Eligibility List".
4. The approval of this change in type design applies basically to aircraft listed on the attached eligibility list. This approval should not be extended to other aircraft of these models on which other previously approved modifications are incorporated unless it is determined by the installer that the interrelationship between this change and any of those other previously approved modifications will introduce no adverse effect upon the airworthiness of the aircraft. This determination should include a night flight check as specified in AC 43.13-2, Chapter 4, Paragraph 42a.

NOTE: Aircraft whose application for type certificate was made before April 1, 1957, may, but need not, comply with the field of coverage requirements of FAR 23.1401(b).

Prior to installation of this design change it must be determined that the interrelationship between this design change and any other previously installed design change and/ or repair will introduce no adverse effect upon the airworthiness of the product.

- end -

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EASA Approved Model List (AML)
10052976
WHELEN ENGINEERING COMPANY Inc.

AIRCRAFT MAKE	AIRCRAFT MODEL	TYPE CERTIFICATE
Dynac Aerospace Corporation	*100, 100-180	USA 1A21
Commander Aircraft Corporation	112	USA A12SO
Twin Commander Aircraft LLC	500, 500-A, 500-B, 500-S, 500-U, 520, 560, 560A, 560E	USA 6A1
	560F, 680, 680E, 680F, 680FL, 680FL(P), 680T, 680V, 680W, 681, 685, 690, 720	USA 2A4
True Flight Holdings LLC	*AA-1, *AA-1A	USA A11EA
	AA-5	USA A16EA
Beechcraft Corporation	23, A23, A23A, A23-19, -24, -19A, B19, M19A, B23, C23, A24, A24R	USA A1CE
	H35, J35, K35, M35, N35, P35, S35, V35, V35A, V35B, 35-33, 35-A33, 35-B33, 35-C33, 35-C33A, 36, A36, A36TC, B36TC, G36, E33, E33A, E33C, F33, F33A, F33C	USA 3A15
	50(L-23A), B50(L-23B), C50, D50(L-23E), D50A, D50B, D50C, D50E, E50(L-23D, RL-23D), F50, G50, H50, J50	USA 5A4
	95-55, 95-A55, 95-B55, 95-B55B(T-42A), 95C55, 95, B95, B95A, D95A, E95, D55, D55A, E55, E55A, 56TC, A56TC, 58	USA 3A16
	65(L-23F), A65, A65-8200, 65-80, 65-A80-8800, 65-B80, 65-88, B90, C90, 65-90, 65-A90, 65-A90-1 (U-21A, RU-21A, RU-21D), 65-A90-2 (RU-21B), 65-A90-3 (RU-21C), 70	USA 3A20
	60, A60	USA A12CE
	99, 99A, 100	USA A14CE
Alexandria Aircraft, LLC	14-19-3A, 17-30	USA 1A3
	17-30A, 17-31A 1A3, 17-31ATC	USA A18CE
American Champion Aircraft Corp.	7EC, 7ECA, 7FC, 7GC, 7GCA, 7GCAA, 7GCB, 7GCBA, 7GCBC, 7HC, 7JC, 7KCAB	USA A-759
Britten-Norman Aircraft Ltd.	BN2	CAA-UK AAN9405.1
	BN2-2A	CAA-UK AAN 10101
	BN-2A-2	CAA-UK AAN 10918
	BN-2A-6	CAA UK AAN 11105

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AIRCRAFT MAKE	AIRCRAFT MODEL	TYPE CERTIFICATE
Britten-Norman Aircraft Ltd.	BN-2A-8	EASA.A.388
	BN-2A Mark III	United Kingdom BA6
Cessna Aircraft Company	150,150A, 150B, 150C, 150D, 150E, 150F, 150G, 150H, 150J, 150K, 150L, 150M, A150K, A150L, A150M, 152, A152	USA 3A19
	172, 172A, 172B, 172C, 172D, 172E, 172F, 172G, 172H, 172I, 172K, 172L, 172M, 172N, 172P	USA 3A12
	175,175A, 175B, 175C, P172D, 172RG	USA 3A17
	177,177A, 177B	USA A13CE
	177RG	USA A20CE
	180,180A, 180B, 180C, 180D, 180E, 180F, 180G, 180H, 180J, 180K	USA 5A6
	182, 182A, 182B,182C, 182D, 182E, 182F, 182G, 182H, 182J, 182K, 182L, 182M, 182N, 182P, 182Q, 182R, R182, T182, TR182	USA 3A13
	185, 185A, 185B, 185C, 185D, 185E, A185E, A185F	USA 3A24
	188,188A, 188B, A188, A188A, A188B, T188C	USA A9CE
	206, P206, P206A, P206B, P206C, P206D, P206E, TP206A, TP206B, TP206C, TP206D, TP206E,TU206A, TU206B, TU206C, TU206D, TU206E, TU206F, TU206G, U206, U206A, U206B, U206C, U206D, U206E, U206F, U206G	USA A4CE
	207,207A, T207, T207A	USA A16CE
	210, 210A, 210B, 210C, 210D, 210E, 210F, T210F, 210G, T210G, 210H, T210H, 210J, T210J, 210K, 210-5(205), 210-5A(205A), T201K, 210L T210L, T210M, T210N, 210N, P210N	USA 3A21
	310, 310A, 310B, 310C, 310D, 310E, 310F, 310G, 310H, 310I, 310J, 310J-1, E310J, 310K, 310L, 310N, 310P, T310P, 310Q, T310Q	USA 3A10
	*320, 320A, 320B, 320C, 320D, 320E, 320F, 320-1, 340, 340A	USA 3A25
	*336	USA A2CE
	337, 337A, 337B, 337C, 337D, 337E, 337F, T337D, 337E 337F, 337G	USA A6CE
	401,401A, 401B, 402,402A, 402B, 411,411A, 421,421A, 414,421B	USA A7CE
Viking Air Ltd.	DHC-2 MK I, DHC-2 MK II, DHC-2 MK III	CANADA A-22
	DHC-6, Models 1, 100, 110, 200,210, 300	CANADA A-82
Piper Aircraft, Inc.	PA-23, PA-23-160, *PA-23-235, *PA-23-250, *PA-E23-250	USA 1A10
	PA-24, PA-24-250, PA-24-260, PA-24-400	USA 1A15
	PA-28-140, PA-28-150, PA-28-151, PA-28-160, PA-28-161, PA-28-180, PA-28-235, PA-28S-160, PA-28R-180, PA-28S-180, PA-28-181, PA-28R-200, PA-28R-201, PA-28R-201T, PA-28RT-201, PA-28RT-201T, PA-28-201T, PA-28-236	USA 2A13

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AIRCRAFT MAKE	AIRCRAFT MODEL	TYPE CERTIFICATE
Piper Aircraft, Inc.	PA-30, PA-39	A1EA
	PA-3 IP	A8EA
	PA-31, PA-31-300, PA-31-325, PA-31-350	A20SO
	PA-32-260, PA-32-300, PA-32S-300	A3SO

For the European Aviation Safety Agency,

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