



FAA

Manufacturing Inspection District Office, ANE-MIDO-41

FEDERAL AVIATION ADMINISTRATION – PARTS MANUFACTURER APPROVAL

Whelen Engineering Company, Inc.
 51 Winthrop Road
 Chester, CT. 06412-0684

PMA NO. PQ0610NE
 SUPPLEMENT NO. 43 Amdt 2
 DATE: 21 April 2016

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make Eligibility	Model Eligibility ⁽¹⁾
LED Landing Light	01-0771833-10	Modification Part	STC SA00344BO <u>DWG No:</u> 71833 <u>Rev:</u> B <u>Date:</u> 3/13/2014 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 Allied Ag Cat Productions, Inc	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-401B, AT-402A, AT-402B, AT-502B 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 G-164, G-164A, G-164B, G-164B with 73" wing gap, G-164B-15T, G-164B-34T, G-164B-20T, G-164C, G-164D, G-164D with 73" wing gap



FAA

Manufacturing Inspection District Office, ANE-MIDO-41

FEDERAL AVIATION ADMINISTRATION – PARTS MANUFACTURER APPROVAL

Whelen Engineering Company, Inc.
 51 Winthrop Road
 Chester, CT. 06412-0684

PMA NO. PQ0610NE
 SUPPLEMENT NO. 43 Amdt 2
 DATE: 21 April 2016

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make Eligibility	Model Eligibility ⁽¹⁾
LED Landing Light	01-0771833-10	Modification Part	STC SA00344BO <u>DWG No:</u> 71833 <u>Rev:</u> B <u>Date:</u> 3/13/2014 or later FAA-approved revisions	American Champion Aircraft Corp. American Champion Aircraft Corp. American Champion Aircraft Corp. American Champion Aircraft Corp. Atlantic Coast Seaplanes, LLC Beechcraft Corporation Beechcraft Corporation Beechcraft Corporation	7ECA, 7GCAA, 7GCBC 7AC, 7ACA, S7AC, 7BCM (L-16A), 7CCM (L-16B), S7CCM, 7DC, S7DC, 7EC, S7EC, 7FC, 7GC, 7GCA, 7GCB, 7GCBA, 7HC, 7JC, 7KC, 7KCAB 11AC, S11AC, 11BC, S11BC 11CC, S11CC 402 8KCAB, 8GCBC G-21C, G-21D, G-21E, G-21G C-18S (Army C-45, C-45A, C-45F, UC-45B, UC-45F, AT-7, AT-7A, AT-7B, AT-7C; Navy JRB-1, JRB-2, JRB-3, JRB-4, SNB-2, SNB-2C) 3N, 3NM, 3TM, JRB-6, D18C, D18S, E18S, RC-45J (SNB-5P), E18S-9700, G18S, H18, C-45G, TC-45G, C-45H, TC-45H, TC-45J or UC-45J (SNB-5) 19A, B19, M19A, 23, A23, A23A, A23-19, A23-24, B23, C23, A24, A24R, B24R, C24R



FAA

Manufacturing Inspection District Office, ANE-MIDO-41

FEDERAL AVIATION ADMINISTRATION – PARTS MANUFACTURER APPROVAL

Whelen Engineering Company, Inc.
 51 Winthrop Road
 Chester, CT. 06412-0684

PMA NO. PQ0610NE
 SUPPLEMENT NO. 43 Amdt 2
 DATE: 21 April 2016

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make Eligibility	Model Eligibility ⁽¹⁾
LED Landing Light	01-0771833-10	Modification Part	STC SA00344BO DWG No: 71833 Rev: B Date: 3/13/2014 or later FAA-approved revisions	Beechcraft Corporation	T-34C (T-34C-1) (34C)
				Beechcraft Corporation	35, A35, B35, C35, D35, E35, F35, G35, 35R
				Beechcraft Corporation	35-33, 35-A33, 35-B33, 35-C33, 35-C33A, E33, E33A, E33C, F33, F33A., F33C, G33, H35, G36, J35, K35, M35, N35, P35, S35, V35, V35A, V35B, 36, A36, A36TC, B36TC
				Beechcraft Corporation	45 (YT-34), A45 (T-34A, B-45) D45 (T-34B)
				Beechcraft Corporation	B95A, D95A, E95, 95-55, 95-A55, 95-B55, 95-B55A, 95-B55B (T-42), 95-055, 95-055A, G58, D55, D55A, E55, E55A, 56TC, A56TC, 58, 58A, 95, B95
				Beechcraft Corporation	65 (L-23F), 65-A90-1 (JU-21A), A65 (U-21A), A65-8200 (RU-21A), 65-80 (RU-21D), 65-A80 (U-21G), 65-A80-8800 (RU-21H), 65-B80, 65-88, 65-A90-2 (RU-21B), 65-A90-3 (RU-21C), 65-A90-4 (RU-21E), 65-A90 (RU-21H), 65-90, 70, B90, C90, C90A, C90GT, C90GTi, E90, H90 (T-44A)
				Beechcraft Corporation	99, 99A, 99A (FACH), A99, A99A, B99, C99, 100, A100 (U-21F), A100A, A100C, B100



FAA

Manufacturing Inspection District Office, ANE-MIDO-41

FEDERAL AVIATION ADMINISTRATION – PARTS MANUFACTURER APPROVAL

Whelen Engineering Company, Inc.
 51 Winthrop Road
 Chester, CT. 06412-0684

PMA NO. PQ0610NE
 SUPPLEMENT NO. 43 Amdt 2
 DATE: 21 April 2016

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make Eligibility	Model Eligibility ⁽¹⁾
LED Landing Light	01-0771833-10	Modification Part	STC SA00344BO <u>DWG No:</u> 71833 <u>Rev:</u> B <u>Date:</u> 3/13/2014 or later FAA-approved revisions	Beechcraft Corporation	58P, 58PA, 58TC, 58TCA
				Beechcraft Corporation	76
				Beechcraft Corporation	77
				Beechcraft Corporation	60, A60, B60
				Beechcraft Corporation	A100-1, 200, 200C, 200CT, 200T, A200, A200C, A200CT, B200, B200CT, B200GT, B200CGT, B200T, 300, 300LW, B300, B300C, 1900, 1900C, 1900D
				Beechcraft Corporation	50 (L-23A), B50 (L-23B), C50, D50 (L-23E), D50A, D50B, D50C, D50E, D50E-5990, E50 (L-23D, RL23D), F50, G50, H50, J50)
				Bellanca Aircraft Corp.	14-13, 14-13-2, 14-13-3, 14-13-3W
				B-N Group Ltd.	BN2A MK. III, BN2A MK. III-2, BN2A MK. III-3
				B-N Group Ltd.	BN-2, BN-2A, BN-2A-2, BN-2A-3, BN-2A-6, BN-2A-8, BN-2A-9, BN-2A-20, BN-2A-21, BN-2A-26, BN-2A-27, BN-2B-20, BN-2B-21, BN-2B-27, BN-2T, BN-2B-26, BN-2T-4R



FAA

Manufacturing Inspection District Office, ANE-MIDO-41

FEDERAL AVIATION ADMINISTRATION – PARTS MANUFACTURER APPROVAL

Whelen Engineering Company, Inc.
 51 Winthrop Road
 Chester, CT. 06412-0684

PMA NO. PQ0610NE
 SUPPLEMENT NO. 43 Amdt 2
 DATE: 21 April 2016

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make Eligibility	Model Eligibility ⁽¹⁾
LED Landing Light	01-0771833-10	Modification Part	STC SA00344BO <u>DWG No:</u> 71833 <u>Rev:</u> B <u>Date:</u> 3/13/2014 or later FAA-approved revisions	Boeing Airplane Company British Aerospace Regional Aircraft British Aerospace Regional Aircraft Burl A. Rogers (Aeronca) Cessna Aircraft Company Cessna Aircraft Company Cessna Aircraft Company Cessna Aircraft Company Cessna Aircraft Company Cessna Aircraft Company	A75L3, 75 (Army PT-13), A75 (Army PT-13A, PT-13B, PT-13C), B75 (Navy N2S-5), E75 (Army PT-13D, Navy N2S-5, PT13D/N2S-5), A75J1 (Army PT-18), A75L300, A75N1 (Army PT-17, PT -17A; Navy N2S1, N2S1-4), B75N1 (Navy N2S-3), D75N1 (Army PT-27), IB75A, E75N1 Jetstream 3101 Jetstream 3201 15AC, SI5AC LC40-550FG, LC42-550FG, LC41-550FG C-145, C-165 (ARMY UC-94) 120, 140 140A 150, 150A, 150B, 150C, 150D, 150E, 150F, 150G, 150H, 150J, 150K, A150K, 150L, A150L, 150M, A150M 152, A152 170, 170A, 170B



FAA

Manufacturing Inspection District Office, ANE-MIDO-41

FEDERAL AVIATION ADMINISTRATION – PARTS MANUFACTURER APPROVAL

Whelen Engineering Company, Inc.
 51 Winthrop Road
 Chester, CT. 06412-0684

PMA NO. PQ0610NE
 SUPPLEMENT NO. 43 Amdt 2
 DATE: 21 April 2016

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make Eligibility	Model Eligibility ⁽¹⁾
LED Landing Light	01-0771833-10	Modification Part	STC SA00344BO DWG No: 71833 Rev: B Date: 3/13/2014 or later FAA-approved revisions	Cessna Aircraft Company Cessna Aircraft Company Cessna Aircraft Company Cessna Aircraft Company Cessna Aircraft Company Cessna Aircraft Company Cessna Aircraft Company 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 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 177, 177A, 177B 177RG 180, 180A, 180B, 180C, 180D, 180E, 180F, 180G, 18011, 180J, 180K 182, 182A, 182B, 182C, 182D, 182E, 182F, 182G, 182H, 182J, 182K, 182L, 182M, 182N, 182P, 182Q, 182R, 182S, 182T, R182, T182, TR182, T182T 185, 185A, 185B, 185C, 185D, 185E, A185E, A185F 188, 188A, 188B, A188, A188A, A188B, T188C 190, 195 (LC-126A,B,C), 195A, 195B



FAA

Manufacturing Inspection District Office, ANE-MIDO-41

FEDERAL AVIATION ADMINISTRATION – PARTS MANUFACTURER APPROVAL

Whelen Engineering Company, Inc.
 51 Winthrop Road
 Chester, CT. 06412-0684

PMA NO. PQ0610NE
 SUPPLEMENT NO. 43 Amdt 2
 DATE: 21 April 2016

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make Eligibility	Model Eligibility ⁽¹⁾
LED Landing Light	01-0771833-10	Modification Part	STC SA00344BO DWG No: 71833 Rev: B Date: 3/13/2014 or later FAA-approved revisions	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
				Cessna Aircraft Company (Reims Aviation S.A.)	F172D, F172E, F172F, F172G, F172H, F172K, F172L, F172M, F172N, F172P
				Cessna Aircraft Company (Reims Aviation S.A.)	F150F, F150G, F150H, F150J, F150K, F150L, FA150K, FA150L, FRA150L, F150M, FA150M, FRA150M, F152, FA152
				Cessna Aircraft Company (Reims Aviation S.A.)	FR172E, FR172F, FR172G, FR172H, FR172J, FR172K
				Cessna Aircraft Company (Reims Aviation S.A.)	F182P, F182Q, FR182
				Cessna Aircraft Company (Reims Aviation S.A.)	F337E, FT337E, F337F, FT337F, F337G, FT337GP, F337H, FT337HP



FAA

Manufacturing Inspection District Office, ANE-MIDO-41

FEDERAL AVIATION ADMINISTRATION – PARTS MANUFACTURER APPROVAL

Whelen Engineering Company, Inc.
 51 Winthrop Road
 Chester, CT. 06412-0684

PMA NO. PQ0610NE
 SUPPLEMENT NO. 43 Amdt 2
 DATE: 21 April 2016

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make Eligibility	Model Eligibility ⁽¹⁾
LED Landing Light	01-0771833-10	Modification Part	STC SA00344BO DWG No: 71833 Rev: B Date: 3/13/2014 or later FAA-approved revisions	Cessna Aircraft Company (Reims Aviation S.A.) CPAC, Inc. Cub Crafters, Inc. Diamond Aircraft Industries GmbH Diamond Aircraft Industries GmbH Diamond Aircraft Industries Inc. Found Aircraft Canada, Inc. Found Brothers Aviation Limited FS 2001 Corp (Piper) FS 2002 Corporation. (Piper) ⁽²⁾ FS 2003 Corporation (Piper) ⁽²⁾ GA 8 Airvan (Pty) Ltd. GROB Grumman Gulfstream Aerospace Corporation	F177RG 112, 114, 112TC, 112B, 112TCA, 114A, 114B, 114TC CC18-180, CC18-180A DA 40, DA 40F DA 42, DA 42 NG, DA 42 M-NG DA20-A1, DA20-C1 FBA-2C, FBA-2C1, FBA-2C2, FBA-2C3 FBA Centennial "100" J5A (Army L-4F), J5A-80, J5B (Army L-4G), J5C, AE-1, HE-1 PA-14 PA-12, PA-12S GA8, GA8-TC320 G120A G-21, G-21A (Army OA-9, Navy JRF-1, JRF-2, JRF-4, JRF-5, JRF-6B) 111



FAA

Manufacturing Inspection District Office, ANE-MIDO-41

FEDERAL AVIATION ADMINISTRATION – PARTS MANUFACTURER APPROVAL

Whelen Engineering Company, Inc.
 51 Winthrop Road
 Chester, CT. 06412-0684

PMA NO. PQ0610NE
 SUPPLEMENT NO. 43 Amdt 2
 DATE: 21 April 2016

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make Eligibility	Model Eligibility ⁽¹⁾
LED Landing Light	01-0771833-10	Modification Part	STC SA00344BO DWG No: 71833 Rev: B Date: 3/13/2014 or later FAA-approved revisions	Gulfstream Aerospace Corporation Helio Aircraft, LLC. LAVIA Argentina S.A. (LAVIASA) LAVIA Argentina S.A. (LAVIASA) M7 M7 M7	G-44 (Army OA-14, Navy J4F -2), G-44A, SCAN Type 30 11-250, H-295 (USAF U-10D), HT-295, H-391 (USAF YL-24), H-391B, H-395 (USAF L-28A or U-10B), H-395A, H700, H800 PA-25, PA-25-235, PA-25-260 (Restricted Category Only) PA-25, PA-25-235, PA-25-260 SA226-T, SA226-AT, SA226-T(B), SA227-AT, SA227-TT SA226-TC, SA227-AC (C-26A), SA227-PC, SA227-BC (C-26A) SA227-CC, SA227-DC (C26B)



FAA

Manufacturing Inspection District Office, ANE-MIDO-41

FEDERAL AVIATION ADMINISTRATION – PARTS MANUFACTURER APPROVAL

Whelen Engineering Company, Inc.
 51 Winthrop Road
 Chester, CT. 06412-0684

PMA NO. PQ0610NE
 SUPPLEMENT NO. 43 Amdt 2
 DATE: 21 April 2016

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make Eligibility	Model Eligibility ⁽¹⁾
LED Landing Light	01-0771833-10	Modification Part	STC SA00344BO <u>DWG No:</u> 71833 <u>Rev:</u> B <u>Date:</u> 3/13/2014 or later FAA-approved revisions	Maule Aerospace Technology, Inc. ⁽³⁾ Mooney Aircraft Corporation Mooney Airplane Company, Inc. Pilatus Aircraft Ltd. Pilatus Aircraft Ltd.	BEE DEE M-4, M-4, M-4C, M-4S, M-4T, M-4-180C, M-4-180S, M-4-180T, M-4-210, M-4-210C, M-4-210S, M-4-210T, M-4-220, M-4-220C, M-4-220S, M-4-220T, M-5-180C, M-5-200, M-5-210C, M-5-210TC, M-5-220C, M-5-235C, M-6-180, M-6-235, M-7-235, MX-7-180, MX-7-235, MX-7-180, MX-7-420, MXT-7-180, MT-7-235, M-8-235, MX-7-160, MXT-7-160, MX-7-180A, MXT-7-180A, MX-7-180B, M-7-235B, M-7-235A, M-7-235C, MX-7-180C, M-7-260, M-7-260C, M-7-420AC, MX-7-160C, MX-7-180AC, M-7-420A, MT-7-420 M22 M20, M20A, M20B, M20C, M20D, M20E, M20F, M20G, M20J, M20K, M20M, M20R, M20S, M20TN PC-6, PC-6H1, PC-6H2, PC-6/350, PC-6/350-H1, PC-6/350-H2, PC-6/A, PC-6/A-H1, PC-6/A-H2, PC-6B-H2, PC-6/B1-H2, PC-6/B2-H2, PC-6/B2-H4, PC-6/C-H2, PC-6/C1-H2 PC-7



FAA

Manufacturing Inspection District Office, ANE-MIDO-41

FEDERAL AVIATION ADMINISTRATION – PARTS MANUFACTURER APPROVAL

Whelen Engineering Company, Inc.
 51 Winthrop Road
 Chester, CT. 06412-0684

PMA NO. PQ0610NE
 SUPPLEMENT NO. 43 Amdt 2
 DATE: 21 April 2016

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make Eligibility	Model Eligibility ⁽¹⁾
LED Landing Light	01-0771833-10	Modification Part	STC SA00344BO DWG No: 71833 Rev: B Date: 3/13/2014 or later FAA-approved revisions	Pilatus Aircraft Ltd. Piper Aircraft, Inc. Piper Aircraft, Inc. Piper Aircraft, Inc. Piper Aircraft, Inc. Piper Aircraft, Inc. Piper Aircraft, Inc. ⁽³⁾ Piper Aircraft, Inc. ⁽³⁾ Piper Aircraft, Inc. ⁽³⁾	PC-12/45, PC-12/47, PC-12/47E J4, J4A, J4A-S J4E (Army L-4E) PA-16, PA-16S PA-15 PA-17 PA-18, PA-18S, PA-18 "105" (Special), PA-18S "105" (Special), PA-18A, PA-18 "125" (Army L-21A), PA-18S "125", PA-18AS "125", PA-18 "135" (Army L-21B), PA-18A "135", PA-18S "135", PA-18AS "135", PA-18 "150", PA-18A "150", PA-18S "150", PA-18AS "150", PA-19 (Army L-18C), PA-19S PA-20, PA-20S, PA-20 "115", PA-20S "115", PA-20 "135", PA-20S "135" PA-22, PA-22-108, PA-22-135, PA-22S-135, PA-22-150, PA-22S-150, PA-22-160, PA-22S-160



FAA

Manufacturing Inspection District Office, ANE-MIDO-41

FEDERAL AVIATION ADMINISTRATION – PARTS MANUFACTURER APPROVAL

Whelen Engineering Company, Inc.
 51 Winthrop Road
 Chester, CT. 06412-0684

PMA NO. PQ0610NE
 SUPPLEMENT NO. 43 Amdt 2
 DATE: 21 April 2016

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make Eligibility	Model Eligibility ⁽¹⁾
LED Landing Light	01-0771833-10	Modification Part	STC SA00344BO <u>DWG No:</u> 71833 <u>Rev:</u> B <u>Date:</u> 3/13/2014 or later FAA-approved revisions	Piper Aircraft, Inc. Piper Aircraft, Inc. ⁽²⁾ Piper Aircraft, Inc. Piper Aircraft, Inc. Piper Aircraft, Inc. Piper Aircraft, Inc.	PA-24, PA-24-250, PA-24-260, PA-24-400 PA-28-140, PA-28-150, PA-28-160, PA-28-180, PA-28-235, PA-28S-160, PA-28S-180, PA-28R-180, PA-28R-200, PA-28-151, PA-28-161, PA-28-181, PA-28R-201, PA-28R-201T, PA-28-236, PA-28RT-201, PA-28RT-201T, PA-28-201T PA-32-260, PA-32-300, PA-32S-300, PA-32R-300, PA-32RT-300, PA-32RT-300T, PA32-301FT, PA32-301XTC, PA-32R-301(SP), PA-32R-301(HP), PA-32R-301T, PA-32-301, PA-32-301T PA-36-285, PA-36-300, PA-36-375 PA-38-112 PA-18A, PA-18A "135", PA-18A "150" (Restricted Category Only)



FAA

Manufacturing Inspection District Office, ANE-MIDO-41

FEDERAL AVIATION ADMINISTRATION – PARTS MANUFACTURER APPROVAL

Whelen Engineering Company, Inc.
 51 Winthrop Road
 Chester, CT. 06412-0684

PMA NO. PQ0610NE
 SUPPLEMENT NO. 43 Amdt 2
 DATE: 21 April 2016

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make Eligibility	Model Eligibility ⁽¹⁾
LED Landing Light	01-0771833-10	Modification Part	STC SA00344BO DWG No: 71833 Rev: B Date: 3/13/2014 or later FAA-approved revisions	Piper Aircraft, Inc. Piper Aircraft, Inc. Piper Aircraft, Inc. Piper Aircraft, Inc. Piper Aircraft, Inc. Piper Aircraft, Inc. Piper Aircraft, Inc. Regal Air, Inc. Regal Air Incorporated Reims Aviation Revo, Incorporated	PA-36-285, PA-36-300, PA-36-375 (Restricted Category Only) PA-23, PA-23-160, PA-23-235, PA-23-250 (Navy UO-1), PA-E23-250 PA-30, PA-39, PA-40 PA-31, PA-31-300, PA-31-325, PA-31-350 PA-31P, PA-31T, PA-31T1, PA-31T2, PA-31T3, PA31P-350 PA-34-200, PA-34-200T, PA-34-220T PA-44-180, PA-44-180T PA-46-310P, PA-46-350P, PA-46-500TP, PA-46R-350T 305A (USAF 0-1A), 305C (USAF 0-1E), 305D (USAF 0-1G), 305F 305B (Military TO-1D, 0-1D, 0-1F), 305E F406 Colonial C-1, Colonial C-2, Lake LA-4, Lake LA-4A, , Lake LA-4P, Lake LA-4-200, Lake Model 250



FAA

Manufacturing Inspection District Office, ANE-MIDO-41

FEDERAL AVIATION ADMINISTRATION – PARTS MANUFACTURER APPROVAL

Whelen Engineering Company, Inc.
 51 Winthrop Road
 Chester, CT. 06412-0684

PMA NO. PQ0610NE
 SUPPLEMENT NO. 43 Amdt 2
 DATE: 21 April 2016

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make Eligibility	Model Eligibility ⁽¹⁾
LED Landing Light	01-0771833-10	Modification Part	STC SA00344BO DWG No: 71833 Rev: B Date: 3/13/2014 or later FAA-approved revisions	SOCATA Groupe Aerospatiale SOCATA Groupe Aerospatiale SOCATA Groupe Aerospatiale SOCATA, S.A. Sky International Inc. STOL Aviation LLC STOL Aviation LLC Swift Museum Foundation, Inc. Taylorcraft 2000, LLC Taylorcraft 2000, LLC	TB 9, TB 10, TB 20, TB 21, TB 200 TBM-700A, TBM-700B, TBM-700C1, TBM-700C2, TBM-700N, TBM-850, TBM-850 Elite, TBM-900 MS 880B, MS 885, MS 894A, MS 893A, MS 892A-150, MS 892E-150, MS 893E, MS 894E, Rallye 100S, Rallye 150T, Rallye 150ST, Rallye 235E, Rallye 235C GA-7 A-1, A-1A, A-1B, A-1C-180, A-1C-200 S-1A, S-1A-65F, S-1A-85F, S-1A-90F S-1B1 (Army L-6, XL-6), S-1B2 GC-1A, GC-1B 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



FAA

Manufacturing Inspection District Office, ANE-MIDO-41

FEDERAL AVIATION ADMINISTRATION – PARTS MANUFACTURER APPROVAL

Whelen Engineering Company, Inc.
 51 Winthrop Road
 Chester, CT. 06412-0684

PMA NO. PQ0610NE
 SUPPLEMENT NO. 43 Amdt 2
 DATE: 21 April 2016

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make Eligibility	Model Eligibility ⁽¹⁾
LED Landing Light	01-0771833-10	Modification Part	STC SA00344BO DWG No: 71833 Rev: B Date: 3/13/2014 or later FAA-approved revisions	The Don Luscombe Aviation History Foundation, Inc. Thrush Aircraft, Inc. Thrush Aircraft, Inc. Thrush Aircraft, Inc. Thrush Aircraft, Inc. True Flight Holdings LLC True Flight Holdings LLC Twin Commander Aircraft LLC Twin Commander Aircraft LLC Twin Commander Aircraft LLC Univair Aircraft Corporation (Stinson)	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 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



FAA

Manufacturing Inspection District Office, ANE-MIDO-41

FEDERAL AVIATION ADMINISTRATION – PARTS MANUFACTURER APPROVAL

Whelen Engineering Company, Inc.
 51 Winthrop Road
 Chester, CT. 06412-0684

PMA NO. PQ0610NE
 SUPPLEMENT NO. 43 Amdt 2
 DATE: 21 April 2016

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make Eligibility	Model Eligibility ⁽¹⁾
LED Landing Light	01-0771833-10	Modification Part	STC SA00344BO <u>DWG No:</u> 71833 <u>Rev:</u> B <u>Date:</u> 3/13/2014 or later FAA-approved revisions	Viking Air Limited Viking Air Limited Viking Air Limited Vulcanair S.p.A.	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"
LED Taxi Light	01-0771833-15	Modification Part	STC SA00344BO <u>DWG No:</u> 71833 <u>Rev:</u> B <u>Date:</u> 3/13/2014 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.	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-401B, AT-402A, AT-402B, AT-502B AT-602, AT-802, AT-802A



FAA

Manufacturing Inspection District Office, ANE-MIDO-41

FEDERAL AVIATION ADMINISTRATION – PARTS MANUFACTURER APPROVAL

Whelen Engineering Company, Inc.
 51 Winthrop Road
 Chester, CT. 06412-0684

PMA NO. PQ0610NE
 SUPPLEMENT NO. 43 Amdt 2
 DATE: 21 April 2016

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make Eligibility	Model Eligibility ⁽¹⁾
LED Taxi Light	01-0771833-15	Modification Part	STC SA00344BO DWG No: 71833 Rev: B Date: 3/13/2014 or later FAA-approved revisions	Alexandria Aircraft, LLC Alexandria Aircraft, LLC Allied Ag Cat Productions, Inc American Champion Aircraft Corp. American Champion Aircraft Corp. American Champion Aircraft Corp. American Champion Aircraft Corp. Atlantic Coast Seaplanes, LLC	14-19, 14-19-2, 14-19-3, 14-19-3A, 17-30, 17-31, 17-31TC, 17-30A, 17-31A, 17-31ATC G-164, G-164A, G-164B, G-164B with 73" wing gap, G-164B-15T, G-164B-34T, G-164B-20T, G-164C, G-164D, G-164D with 73" wing gap 7ECA, 7GCAA, 7GCBC 7AC, 7ACA, S7AC, 7BCM (L-16A), 7CCM (L-16B), S7CCM, 7DC, S7DC, 7EC, S7EC, 7FC, 7GC, 7GCA, 7GCB, 7GCB, 7HC, 7JC, 7KC, 7KCAB 11AC, S11AC, 11BC, S11BC 11CC, S11CC 402 8KCAB, 8GCBC G-21C, G-21D, G-21E, G-21G



FAA

Manufacturing Inspection District Office, ANE-MIDO-41

FEDERAL AVIATION ADMINISTRATION – PARTS MANUFACTURER APPROVAL

Whelen Engineering Company, Inc.
 51 Winthrop Road
 Chester, CT. 06412-0684

PMA NO. PQ0610NE
 SUPPLEMENT NO. 43 Amdt 2
 DATE: 21 April 2016

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make Eligibility	Model Eligibility ⁽¹⁾
LED Taxi Light	01-0771833-15	Modification Part	STC SA00344BO DWG No: 71833 Rev: B Date: 3/13/2014 or later FAA-approved revisions	Beechcraft Corporation Beechcraft Corporation Beechcraft Corporation Beechcraft Corporation Beechcraft Corporation Beechcraft Corporation Beechcraft Corporation Bellanca Aircraft Corp.	65 (L-23F), 65-A90-1 (JU-21A), A65 (U-21A), A65-8200 (RU-21A), 65-80 (RU-21D), 65-A80 (U-21G), 65-A80-8800 (RU-21H), 65-B80, 65-88, 65-A90-2 (RU-21B), 65-A90-3 (RU-21C), 65-A90-4 (RU-21E), 65-A90 (RU-21H), 65-90, 70, B90, C90, C90A, C90GT, C90GTi, E90, H90 (T-44A) 99, 99A, 99A (FACH), A99, A99A, B99, C99, 100, A100 (U-21F), A100A, A100C, B100 58P, 58PA, 58TC, 58TCA 76 77 60, A60, B60 A100-1, 200, 200C, 200CT, 200T, A200, A200C, A200CT, B200, B200CT, B200GT, B200CGT, B200T, 300, 300LW, B300, B300C, 1900, 1900C, 1900D 50 (L-23A), B50 (L-23B), C50, D50 (L-23E), D50A, D50B, D50C, D50E, D50E-5990, E50 (L-23D, RL23D), F50, G50, H50, J50 14-13, 14-13-2, 14-13-3, 14-13-3W



FAA

Manufacturing Inspection District Office, ANE-MIDO-41

FEDERAL AVIATION ADMINISTRATION – PARTS MANUFACTURER APPROVAL

Whelen Engineering Company, Inc.
 51 Winthrop Road
 Chester, CT. 06412-0684

PMA NO. PQ0610NE
 SUPPLEMENT NO. 43 Amdt 2
 DATE: 21 April 2016

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make Eligibility	Model Eligibility ⁽¹⁾
LED Taxi Light	01-0771833-15	Modification Part	STC SA00344BO DWG No: 71833 Rev: B Date: 3/13/2014 or later FAA-approved revisions	B-N Group Ltd. B-N Group Ltd. Boeing Airplane Company British Aerospace Regional Aircraft British Aerospace Regional Aircraft Burl A. Rogers (Aeronca) Cessna Aircraft Company Cessna Aircraft Company Cessna Aircraft Company Cessna Aircraft Company	BN2A MK. III, BN2A MK. III-2, BN2A MK. III-3 BN-2, BN-2A, BN-2A-2, BN-2A-3, BN-2A-6, BN-2A-8, BN-2A-9, BN-2A-20, BN-2A-21, BN-2A-26, BN-2A-27, BN-2B-20, BN-2B-21, BN-2B-27, BN-2T, BN-2B-26, BN-2T-4R A75L3, 75 (Army PT-13), A75 (Army PT-13A, PT-13B, PT-13C), B75 (Navy N2S-5), E75 (Army PT-13D, Navy N2S-5, PT13D/N2S-5), A75J1 (Army PT-18), A75L300, A75N1 (Army PT-17, PT -17A; Navy N2S1, N2S1-4), B75N1 (Navy N2S-3), D75N1 (Army PT-27), IB75A, E75N1 Jetstream 3101 Jetstream 3201 15AC, SI5AC LC40-550FG, LC42-550FG, LC41-550FG C-145, C-165 (ARMY UC-94) 120, 140 140A



FAA

Manufacturing Inspection District Office, ANE-MIDO-41

FEDERAL AVIATION ADMINISTRATION – PARTS MANUFACTURER APPROVAL

Whelen Engineering Company, Inc.
 51 Winthrop Road
 Chester, CT. 06412-0684

PMA NO. PQ0610NE
 SUPPLEMENT NO. 43 Amdt 2
 DATE: 21 April 2016

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make Eligibility	Model Eligibility ⁽¹⁾
LED Taxi Light	01-0771833-15	Modification Part	STC SA00344BO <u>DWG No:</u> 71833 <u>Rev:</u> B <u>Date:</u> 3/13/2014 or later FAA-approved revisions	Cessna Aircraft Company	150, 150A, 150B, 150C, 150D, 150E, 150F, 150G, 150H, 150J, 150K, A150K, 150L, A150L, 150M, A150M 152, A152
				Cessna Aircraft Company	170, 170A, 170B
				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, 18011, 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



FAA

Manufacturing Inspection District Office, ANE-MIDO-41

FEDERAL AVIATION ADMINISTRATION – PARTS MANUFACTURER APPROVAL

Whelen Engineering Company, Inc.
 51 Winthrop Road
 Chester, CT. 06412-0684

PMA NO. PQ0610NE
 SUPPLEMENT NO. 43 Amdt 2
 DATE: 21 April 2016

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make Eligibility	Model Eligibility ⁽¹⁾
LED Taxi Light	01-0771833-15	Modification Part	STC SA00344BO DWG No: 71833 Rev: B Date: 3/13/2014 or later FAA-approved revisions	Cessna Aircraft Company Cessna Aircraft Company Cessna Aircraft Company Cessna Aircraft Company Cessna Aircraft Company Cessna Aircraft Company Cessna Aircraft Company Cessna Aircraft Company	188, 188A, 188B, A188, A188A, A188B, T188C 190, 195 (LC-126A,B,C), 195A, 195B 206, U206, U206A, U206B, U206C, U206D, U206E, U206F, U206G, 20611, P206, P206A, P206B, P206C, P206D, P206E, TU206A, TU206B, TU206C, TU206D, TU206E, TU206F, TU206G, T206H, TP206A, TP206B, TP206C, TP206D, TP206E 207, 207A, T207, T207A 208, 208B 210, 210A, 210B, 210C, 210D, 210E, 210F, T210F, 210G, T210G, 210H, T210H, 210J, T210J, 210K, T210K, 210L, T210L, 210M, T210M, 210N, P210N, T210N, 210R, P210R, T210R, 210-5 (205), 210-5A (205A) 321(Navy OE-2) T-50 (Army AT-17, UC-78 series, Navy JRC-1) T303



FAA

Manufacturing Inspection District Office, ANE-MIDO-41

FEDERAL AVIATION ADMINISTRATION – PARTS MANUFACTURER APPROVAL

Whelen Engineering Company, Inc.
 51 Winthrop Road
 Chester, CT. 06412-0684

PMA NO. PQ0610NE
 SUPPLEMENT NO. 43 Amdt 2
 DATE: 21 April 2016

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make Eligibility	Model Eligibility ⁽¹⁾
LED Taxi Light	01-0771833-15	Modification Part	STC SA00344BO DWG No: 71833 Rev: B Date: 3/13/2014 or later FAA-approved revisions	Cessna Aircraft Company (Reims Aviation S.A.) Cessna Aircraft Company (Reims Aviation S.A.) Cessna Aircraft Company (Reims Aviation S.A.) CPAC, Inc. Cub Crafters, Inc. Diamond Aircraft Industries GmbH Diamond Aircraft Industries GmbH Diamond Aircraft Industries Inc. Found Aircraft Canada, Inc. Found Brothers Aviation Limited FS 2001 Corp (Piper) FS 2002 Corporation. (Piper) ⁽²⁾ FS 2003 Corporation (Piper) ⁽²⁾ GA 8 Airvan (Pty) Ltd.	F182P, F182Q, FR182 F337E, FT337E F337F, FT337F, F337G, FT337GP, F337H, FT337HP F177RG 112, 114, 112TC, 112B, 112TCA, 114A, 114B, 114TC CC18-180, CC18-180A DA 40, DA 40F DA 42, DA 42 NG, DA 42 M-NG DA20-A1, DA20-C1 FBA-2C, FBA-2C1, FBA-2C2, FBA-2C3 FBA Centennial "100" J5A (Army L-4F), J5A-80, J5B (Army L-4G), J5C, AE-1, HE-1 PA-14 PA-12, PA-12S GA8, GA8-TC320



FAA

Manufacturing Inspection District Office, ANE-MIDO-41

FEDERAL AVIATION ADMINISTRATION – PARTS MANUFACTURER APPROVAL

Whelen Engineering Company, Inc.
 51 Winthrop Road
 Chester, CT. 06412-0684

PMA NO. PQ0610NE
 SUPPLEMENT NO. 43 Amdt 2
 DATE: 21 April 2016

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make Eligibility	Model Eligibility ⁽¹⁾
LED Taxi Light	01-0771833-15	Modification Part	STC SA00344BO DWG No: 71833 Rev: B Date: 3/13/2014 or later FAA-approved revisions	GROB Grumman Gulfstream Aerospace Corporation Gulfstream Aerospace Corporation Helio Aircraft, LLC. LAVIA Argentina S.A. (LAVIASA) LAVIA Argentina S.A. (LAVIASA) M7 M7 M7	G120A G-21, G-21A (Army OA-9, Navy JRF-1, JRF-2, JRF-4, JRF-5, JRF-6B) 111 G-44 (Army OA-14, Navy J4F -2), G-44A, SCAN Type 30 11-250, H-295 (USAF U-10D), HT-295, H-391 (USAF YL-24), H-391B, H-395 (USAF L-28A or U-10B), H-395A, H700, H800 PA-25, PA-25-235, PA-25-260 (Restricted Category Only) PA-25, PA-25-235, PA-25-260 SA226-T, SA226-AT, SA226-T(B), SA227-AT, SA227-TT SA226-TC, SA227-AC (C-26A), SA227-PC, SA227-BC (C-26A) SA227-CC, SA227-DC (C26B)



FAA

Manufacturing Inspection District Office, ANE-MIDO-41

FEDERAL AVIATION ADMINISTRATION – PARTS MANUFACTURER APPROVAL

Whelen Engineering Company, Inc.
 51 Winthrop Road
 Chester, CT. 06412-0684

PMA NO. PQ0610NE
 SUPPLEMENT NO. 43 Amdt 2
 DATE: 21 April 2016

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make Eligibility	Model Eligibility ⁽¹⁾
LED Taxi Light	01-0771833-15	Modification Part	STC SA00344BO DWG No: 71833 Rev: B Date: 3/13/2014 or later FAA-approved revisions	Maule Aerospace Technology, Inc. ⁽³⁾ Mooney Aircraft Corporation Mooney Airplane Company, Inc. Pilatus Aircraft Ltd. Pilatus Aircraft Ltd.	BEE DEE M-4, M-4, M-4C, M-4S, M-4T, M-4-180C, M-4-180S, M-4-180T, M-4-210, M-4-210C, M-4-210S, M-4-210T, M-4-220, M-4-220C, M-4-220S, M-4-220T, M-5-180C, M-5-200, M-5-210C, M-5-210TC, M-5-220C, M-5-235C, M-6-180, M-6-235, M-7-235, MX-7-180, MX-7-235, MX-7-180, MX-7-420, MXT-7-180, MT-7-235, M-8-235, MX-7-160, MXT-7-160, MX-7-180A, MXT-7-180A, MX-7-180B, M-7-235B, M-7-235A, M-7-235C, MX-7-180C, M-7-260, M-7-260C, M-7-420AC, MX-7-160C, MX-7-180AC, M-7-420A, MT-7-420 M22 M20, M20A, M20B, M20C, M20D, M20E, M20F, M20G, M20J, M20K, M20M, M20R, M20S, M20TN PC-6, PC-6H1, PC-6H2, PC-6/350, PC-6/350-H1, PC-6/350-H2, PC-6/A, PC-6/A-H1, PC-6/A-H2, PC-6B-H2, PC-6/B1-H2, PC-6/B2-H2, PC-6/B2-H4, PC-6/C-H2, PC-6/C1-H2 PC-7



FAA

Manufacturing Inspection District Office, ANE-MIDO-41

FEDERAL AVIATION ADMINISTRATION – PARTS MANUFACTURER APPROVAL

Whelen Engineering Company, Inc.
 51 Winthrop Road
 Chester, CT. 06412-0684

PMA NO. PQ0610NE
 SUPPLEMENT NO. 43 Amdt 2
 DATE: 21 April 2016

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make Eligibility	Model Eligibility ⁽¹⁾
LED Taxi Light	01-0771833-15	Modification Part	STC SA00344BO DWG No: 71833 Rev: B Date: 3/13/2014 or later FAA-approved revisions	Pilatus Aircraft Ltd. Piper Aircraft, Inc. Piper Aircraft, Inc. Piper Aircraft, Inc. Piper Aircraft, Inc. Piper Aircraft, Inc. Piper Aircraft, Inc. ⁽³⁾ Piper Aircraft, Inc. ⁽³⁾ Piper Aircraft, Inc. ⁽³⁾	PC-12/45, PC-12/47, PC-12/47E J4, J4A, J4A-S J4E (Army L-4E) PA-16, PA-16S PA-15 PA-17 PA-18, PA-18S, PA-18 "105" (Special), PA-18S "105" (Special), PA-18A, PA-18 "125" (Army L-21A), PA-18S "125", PA-18AS "125", PA-18 "135" (Army L-21B), PA-18A "135", PA-18S "135", PA-18AS "135", PA-18 "150", PA-18A "150", PA-18S "150", PA-18AS "150", PA-19 (Army L-18C), PA-19S PA-20, PA-20S, PA-20 "115", PA-20S "115", PA-20 "135", PA-20S "135" PA-22, PA-22-108, PA-22-135, PA-22S-135, PA-22-150, PA-22S-150, PA-22-160, PA-22S-160



FAA

Manufacturing Inspection District Office, ANE-MIDO-41

FEDERAL AVIATION ADMINISTRATION – PARTS MANUFACTURER APPROVAL

Whelen Engineering Company, Inc.
 51 Winthrop Road
 Chester, CT. 06412-0684

PMA NO. PQ0610NE
 SUPPLEMENT NO. 43 Amdt 2
 DATE: 21 April 2016

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make Eligibility	Model Eligibility ⁽¹⁾
LED Taxi Light	01-0771833-15	Modification Part	STC SA00344BO <u>DWG No:</u> 71833 <u>Rev:</u> B <u>Date:</u> 3/13/2014 or later FAA-approved revisions	Piper Aircraft, Inc. Piper Aircraft, Inc. ⁽²⁾ Piper Aircraft, Inc. Piper Aircraft, Inc. Piper Aircraft, Inc.	PA-24, PA-24-250, PA-24-260, PA-24-400 PA-28-140, PA-28-150, PA-28-160, PA-28-180, PA-28-235, PA-28S-160, PA-28S-180, PA-28R-180, PA-28R-200, PA-28-151, PA-28-161, PA-28-181, PA-28R-201, PA-28R-201T, PA-28-236, PA-28RT-201, PA-28RT-201T, PA-28-201T PA-32-260, PA-32-300, PA-32S-300, PA-32R-300, PA-32RT-300, PA-32RT-300T, PA32-301FT, PA32-301XTC, PA-32R-301(SP), PA-32R-301(HP), PA-32R-301T, PA-32-301, PA-32-301T PA-36-285, PA-36-300, PA-36-375 PA-38-112 PA-18A, PA-18A "135", PA-18A "150" (Restricted Category Only)



FAA

Manufacturing Inspection District Office, ANE-MIDO-41

FEDERAL AVIATION ADMINISTRATION – PARTS MANUFACTURER APPROVAL

Whelen Engineering Company, Inc.
 51 Winthrop Road
 Chester, CT. 06412-0684

PMA NO. PQ0610NE
 SUPPLEMENT NO. 43 Amdt 2
 DATE: 21 April 2016

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make Eligibility	Model Eligibility ⁽¹⁾
LED Taxi Light	01-0771833-15	Modification Part	STC SA00344BO <u>DWG No:</u> 71833 <u>Rev:</u> B <u>Date:</u> 3/13/2014 or later FAA-approved revisions	Piper Aircraft, Inc. Piper Aircraft, Inc. Piper Aircraft, Inc. Piper Aircraft, Inc. Piper Aircraft, Inc. Piper Aircraft, Inc. Piper Aircraft, Inc. Piper Aircraft, Inc. Regal Air, Inc. Regal Air Incorporated Reims Aviation Revo, Incorporated	PA-36-285, PA-36-300, PA-36-375 (Restricted Category Only) PA-23, PA-23-160, PA-23-235, PA-23-250 (Navy UO-1), PA-E23-250 PA-30, PA-39, PA-40 PA-31, PA-31-300, PA-31-325, PA-31-350 PA-31P, PA-31T, PA-31T1, PA-31T2, PA-31T3, PA31P-350 PA-34-200, PA-34-200T, PA-34-220T PA-44-180, PA-44-180T PA-46-310P, PA-46-350P, PA-46-500TP, PA-46R-350T 305A (USAF 0-1A), 305C (USAF 0-1E), 305D (USAF 0-1G), 305F 305B (Military TO-1D, 0-1D, 0-1F), 305E F406 Colonial C-1, Colonial C-2, Lake LA-4, Lake LA-4A, , Lake LA-4P, Lake LA-4-200, Lake Model 250



FAA

Manufacturing Inspection District Office, ANE-MIDO-41

FEDERAL AVIATION ADMINISTRATION – PARTS MANUFACTURER APPROVAL

Whelen Engineering Company, Inc.
 51 Winthrop Road
 Chester, CT. 06412-0684

PMA NO. PQ0610NE
 SUPPLEMENT NO. 43 Amdt 2
 DATE: 21 April 2016

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make Eligibility	Model Eligibility ⁽¹⁾
LED Taxi Light	01-0771833-15	Modification Part	STC SA00344BO DWG No: 71833 Rev: B Date: 3/13/2014 or later FAA-approved revisions	SOCATA Groupe Aerospatiale SOCATA Groupe Aerospatiale SOCATA Groupe Aerospatiale SOCATA, S.A. Sky International Inc. STOL Aviation LLC STOL Aviation LLC Swift Museum Foundation, Inc. Taylorcraft 2000, LLC Taylorcraft 2000, LLC	TB 9, TB 10, TB 20, TB 21, TB 200 TBM-700A, TBM-700B, TBM-700C1, TBM-700C2, TBM-700N, TBM-850, TBM-850 Elite, TBM-900 MS 880B, MS 885, MS 894A, MS 893A, MS 892A-150, MS 892E-150, MS 893E, MS 894E, Rallye 100S, Rallye 150T, Rallye 150ST, Rallye 235E, Rallye 235C GA-7 A-1, A-1A, A-1B, A-1C-180, A-1C-200 S-1A, S-1A-65F, S-1A-85F, S-1A-90F S-1B1 (Army L-6, XL-6), S-1B2 GC-1A, GC-1B 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



FAA

Manufacturing Inspection District Office, ANE-MIDO-41

FEDERAL AVIATION ADMINISTRATION – PARTS MANUFACTURER APPROVAL

Whelen Engineering Company, Inc.
 51 Winthrop Road
 Chester, CT. 06412-0684

PMA NO. PQ0610NE
 SUPPLEMENT NO. 43 Amdt 2
 DATE: 21 April 2016

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make Eligibility	Model Eligibility ⁽¹⁾
LED Taxi Light	01-0771833-15	Modification Part	STC SA00344BO DWG No: 71833 Rev: B Date: 3/13/2014 or later FAA-approved revisions	The Don Luscombe Aviation History Foundation, Inc. Thrush Aircraft, Inc. Thrush Aircraft, Inc. Thrush Aircraft, Inc. Thrush Aircraft, Inc. True Flight Holdings LLC True Flight Holdings LLC Twin Commander Aircraft LLC Twin Commander Aircraft LLC Twin Commander Aircraft LLC Univair Aircraft Corporation (Stinson)	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 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



FAA

Manufacturing Inspection District Office, ANE-MIDO-41

FEDERAL AVIATION ADMINISTRATION – PARTS MANUFACTURER APPROVAL

Whelen Engineering Company, Inc.
 51 Winthrop Road
 Chester, CT. 06412-0684

PMA NO. PQ0610NE
 SUPPLEMENT NO. 43 Amdt 2
 DATE: 21 April 2016

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make Eligibility	Model Eligibility ⁽¹⁾
LED Taxi Light	01-0771833-15	Modification Part	STC SA00344BO <u>DWG No:</u> 71833 <u>Rev:</u> B <u>Date:</u> 3/13/2014 or later FAA-approved revisions	Viking Air Limited Viking Air Limited Viking Air Limited Vulcanair S.p.A.	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"
LED Landing Light	01-0771833-20	Modification Part	STC SA00344BO <u>DWG No:</u> 71833 <u>Rev:</u> B <u>Date:</u> 3/13/2014 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.	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-401B, AT-402A, AT-402B, AT-502B AT-602, AT-802, AT-802A



FAA

Manufacturing Inspection District Office, ANE-MIDO-41

FEDERAL AVIATION ADMINISTRATION – PARTS MANUFACTURER APPROVAL

Whelen Engineering Company, Inc.
 51 Winthrop Road
 Chester, CT. 06412-0684

PMA NO. PQ0610NE
 SUPPLEMENT NO. 43 Amdt 2
 DATE: 21 April 2016

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make Eligibility	Model Eligibility ⁽¹⁾
LED Landing Light	01-0771833-20	Modification Part	STC SA00344BO DWG No: 71833 Rev: B Date: 3/13/2014 or later FAA-approved revisions	Alexandria Aircraft, LLC Alexandria Aircraft, LLC Allied Ag Cat Productions, Inc American Champion Aircraft Corp. American Champion Aircraft Corp. American Champion Aircraft Corp. American Champion Aircraft Corp. Atlantic Coast Seaplanes, LLC	14-19, 14-19-2, 14-19-3, 14-19-3A, 17-30, 17-31, 17-31TC, 17-30A, 17-31A, 17-31ATC G-164, G-164A, G-164B, G-164B with 73" wing gap, G-164B-15T, G-164B-34T, G-164B-20T, G-164C, G-164D, G-164D with 73" wing gap 7ECA, 7GCAA, 7GCBC 7AC, 7ACA, S7AC, 7BCM (L-16A), 7CCM (L-16B), S7CCM, 7DC, S7DC, 7EC, S7EC, 7FC, 7GC, 7GCA, 7GCB, 7GCB, 7HC, 7JC, 7KC, 7KCAB 11AC, S11AC, 11BC, S11BC 11CC, S11CC 402 8KCAB, 8GCBC G-21C, G-21D, G-21E, G-21G



FAA

Manufacturing Inspection District Office, ANE-MIDO-41

FEDERAL AVIATION ADMINISTRATION – PARTS MANUFACTURER APPROVAL

Whelen Engineering Company, Inc.
 51 Winthrop Road
 Chester, CT. 06412-0684

PMA NO. PQ0610NE
 SUPPLEMENT NO. 43 Amdt 2
 DATE: 21 April 2016

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make Eligibility	Model Eligibility ⁽¹⁾
LED Landing Light	01-0771833-20	Modification Part	STC SA00344BO DWG No: 71833 Rev: B Date: 3/13/2014 or later FAA-approved revisions	Beechcraft Corporation Beechcraft Corporation Beechcraft Corporation Beechcraft Corporation Beechcraft Corporation Beechcraft Corporation Beechcraft Corporation Bellanca Aircraft Corp.	65 (L-23F), 65-A90-1 (JU-21A), A65 (U-21A), A65-8200 (RU-21A), 65-80 (RU-21D), 65-A80 (U-21G), 65-A80-8800 (RU-21H), 65-B80, 65-88, 65-A90-2 (RU-21B), 65-A90-3 (RU-21C), 65-A90-4 (RU-21E), 65-A90 (RU-21H), 65-90, 70, B90, C90, C90A, C90GT, C90GTi, E90, H90 (T-44A) 99, 99A, 99A (FACH), A99, A99A, B99, C99, 100, A100 (U-21F), A100A, A100C, B100 58P, 58PA, 58TC, 58TCA 76 77 60, A60, B60 A100-1, 200, 200C, 200CT, 200T, A200, A200C, A200CT, B200, B200CT, B200GT, B200CGT, B200T, 300, 300LW, B300, B300C, 1900, 1900C, 1900D 50 (L-23A), B50 (L-23B), C50, D50 (L-23E), D50A, D50B, D50C, D50E, D50E-5990, E50 (L-23D, RL23D), F50, G50, H50, J50 14-13, 14-13-2, 14-13-3, 14-13-3W



FAA

Manufacturing Inspection District Office, ANE-MIDO-41

FEDERAL AVIATION ADMINISTRATION – PARTS MANUFACTURER APPROVAL

Whelen Engineering Company, Inc.
 51 Winthrop Road
 Chester, CT. 06412-0684

PMA NO. PQ0610NE
 SUPPLEMENT NO. 43 Amdt 2
 DATE: 21 April 2016

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make Eligibility	Model Eligibility ⁽¹⁾
LED Landing Light	01-0771833-20	Modification Part	STC SA00344BO DWG No: 71833 Rev: B Date: 3/13/2014 or later FAA-approved revisions	B-N Group Ltd.	BN2A MK. III, BN2A MK. III-2, BN2A MK. III-3
				B-N Group Ltd.	BN-2, BN-2A, BN-2A-2, BN-2A-3, BN-2A-6, BN-2A-8, BN-2A-9, BN-2A-20, BN-2A-21, BN-2A-26, BN-2A-27, BN-2B-20, BN-2B-21, BN-2B-27, BN-2T, BN-2B-26, BN-2T-4R
				Boeing Airplane Company	A75L3, 75 (Army PT-13), A75 (Army PT-13A, PT-13B, PT-13C), B75 (Navy N2S-5), E75 (Army PT-13D, Navy N2S-5, PT13D/N2S-5), A75J1 (Army PT-18), A75L300, A75N1 (Army PT-17, PT -17A; Navy N2S1, N2S1-4), B75N1 (Navy N2S-3), D75N1 (Army PT-27), IB75A, E75N1
				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



FAA

Manufacturing Inspection District Office, ANE-MIDO-41

FEDERAL AVIATION ADMINISTRATION – PARTS MANUFACTURER APPROVAL

Whelen Engineering Company, Inc.
 51 Winthrop Road
 Chester, CT. 06412-0684

PMA NO. PQ0610NE
 SUPPLEMENT NO. 43 Amdt 2
 DATE: 21 April 2016

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make Eligibility	Model Eligibility ⁽¹⁾
LED Landing Light	01-0771833-20	Modification Part	STC SA00344BO <u>DWG No:</u> 71833 <u>Rev:</u> B <u>Date:</u> 3/13/2014 or later FAA-approved revisions	Cessna Aircraft Company	150, 150A, 150B, 150C, 150D, 150E, 150F, 150G, 150H, 150J, 150K, A150K, 150L, A150L, 150M, A150M 152, A152
				Cessna Aircraft Company	170, 170A, 170B
				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, 18011, 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



FAA

Manufacturing Inspection District Office, ANE-MIDO-41

FEDERAL AVIATION ADMINISTRATION – PARTS MANUFACTURER APPROVAL

Whelen Engineering Company, Inc.
 51 Winthrop Road
 Chester, CT. 06412-0684

PMA NO. PQ0610NE
 SUPPLEMENT NO. 43 Amdt 2
 DATE: 21 April 2016

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make Eligibility	Model Eligibility ⁽¹⁾
LED Landing Light	01-0771833-20	Modification Part	STC SA00344BO DWG No: 71833 Rev: B Date: 3/13/2014 or later FAA-approved revisions	Cessna Aircraft Company Cessna Aircraft Company Cessna Aircraft Company Cessna Aircraft Company Cessna Aircraft Company Cessna Aircraft Company Cessna Aircraft Company Cessna Aircraft Company	188, 188A, 188B, A188, A188A, A188B, T188C 190, 195 (LC-126A,B,C), 195A, 195B 206, U206, U206A, U206B, U206C, U206D, U206E, U206F, U206G, 20611, P206, P206A, P206B, P206C, P206D, P206E, TU206A, TU206B, TU206C, TU206D, TU206E, TU206F, TU206G, T206H, TP206A, TP206B, TP206C, TP206D, TP206E 207, 207A, T207, T207A 208, 208B 210, 210A, 210B, 210C, 210D, 210E, 210F, T210F, 210G, T210G, 210H, T210H, 210J, T210J, 210K, T210K, 210L, T210L, 210M, T210M, 210N, P210N, T210N, 210R, P210R, T210R, 210-5 (205), 210-5A (205A) 321(Navy OE-2) T-50 (Army AT-17, UC-78 series, Navy JRC-1) T303



FAA

Manufacturing Inspection District Office, ANE-MIDO-41

FEDERAL AVIATION ADMINISTRATION – PARTS MANUFACTURER APPROVAL

Whelen Engineering Company, Inc.
 51 Winthrop Road
 Chester, CT. 06412-0684

PMA NO. PQ0610NE
 SUPPLEMENT NO. 43 Amdt 2
 DATE: 21 April 2016

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make Eligibility	Model Eligibility ⁽¹⁾
LED Landing Light	01-0771833-20	Modification Part	STC SA00344BO DWG No: 71833 Rev: B Date: 3/13/2014 or later FAA-approved revisions	Cessna Aircraft Company (Reims Aviation S.A.) Cessna Aircraft Company (Reims Aviation S.A.) Cessna Aircraft Company (Reims Aviation S.A.) CPAC, Inc. Cub Crafters, Inc Diamond Aircraft Industries GmbH Diamond Aircraft Industries GmbH Diamond Aircraft Industries Inc. Found Aircraft Canada, Inc. Found Brothers Aviation Limited FS 2001 Corp (Piper) FS 2002 Corporation. (Piper) ⁽²⁾ FS 2003 Corporation (Piper) ⁽²⁾	F182P, F182Q, FR182 F337E, FT337E F337F, FT337F, F337G, FT337GP, F337H, FT337HP F177RG 112, 114, 112TC, 112B, 112TCA, 114A, 114B, 114TC CC18-180, CC18-180A DA 40, DA 40F DA 42, DA 42 NG, DA 42 M-NG DA20-A1, DA20-C1 FBA-2C, FBA-2C1, FBA-2C2, FBA-2C3 FBA Centennial "100" J5A (Army L-4F), J5A-80, J5B (Army L-4G), J5C, AE-1, HE-1 PA-14 PA-12, PA-12S



FAA

Manufacturing Inspection District Office, ANE-MIDO-41

FEDERAL AVIATION ADMINISTRATION – PARTS MANUFACTURER APPROVAL

Whelen Engineering Company, Inc.
 51 Winthrop Road
 Chester, CT. 06412-0684

PMA NO. PQ0610NE
 SUPPLEMENT NO. 43 Amdt 2
 DATE: 21 April 2016

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make Eligibility	Model Eligibility ⁽¹⁾
LED Landing Light	01-0771833-20	Modification Part	STC SA00344BO DWG No: 71833 Rev: B Date: 3/13/2014 or later FAA-approved revisions	GA 8 Airvan (Pty) Ltd.	GA8, GA8-TC320
				GROB	G120A
				Grumman	G-21, G-21A (Army OA-9, Navy JRF-1, JRF-2, JRF-4, JRF-5, JRF-6B)
				Gulfstream Aerospace Corporation	111
				Gulfstream Aerospace Corporation	G-44 (Army OA-14, Navy J4F -2), G-44A, SCAN Type 30
				Helio Aircraft, LLC.	11-250, H-295 (USAF U-10D), HT-295, H-391 (USAF YL-24), H-391B, H-395 (USAF L-28A or U-10B), H-395A, H700, H800
				LAVIA Argentina S.A. (LAVIASA)	PA-25, PA-25-235, PA-25-260 (Restricted Category Only)
				LAVIA Argentina S.A. (LAVIASA)	PA-25, PA-25-235, PA-25-260
				M7	SA226-T, SA226-AT, SA226-T(B), SA227-AT, SA227-TT
				M7	SA226-TC, SA227-AC (C-26A), SA227-PC, SA227-BC (C-26A)
M7	SA227-CC, SA227-DC (C26B)				



FAA

Manufacturing Inspection District Office, ANE-MIDO-41

FEDERAL AVIATION ADMINISTRATION – PARTS MANUFACTURER APPROVAL

Whelen Engineering Company, Inc.
 51 Winthrop Road
 Chester, CT. 06412-0684

PMA NO. PQ0610NE
 SUPPLEMENT NO. 43 Amdt 2
 DATE: 21 April 2016

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make Eligibility	Model Eligibility ⁽¹⁾
LED Landing Light	01-0771833-20	Modification Part	STC SA00344BO DWG No: 71833 Rev: B Date: 3/13/2014 or later FAA-approved revisions	Maule Aerospace Technology, Inc. ⁽³⁾ Mooney Aircraft Corporation Mooney Airplane Company, Inc. Pilatus Aircraft Ltd. Pilatus Aircraft Ltd.	BEE DEE M-4, M-4, M-4C, M-4S, M-4T, M-4-180C, M-4-180S, M-4-180T, M-4-210, M-4-210C, M-4-210S, M-4-210T, M-4-220, M-4-220C, M-4-220S, M-4-220T, M-5-180C, M-5-200, M-5-210C, M-5-210TC, M-5-220C, M-5-235C, M-6-180, M-6-235, M-7-235, MX-7-180, MX-7-235, MX-7-180, MX-7-420, MXT-7-180, MT-7-235, M-8-235, MX-7-160, MXT-7-160, MX-7-180A, MXT-7-180A, MX-7-180B, M-7-235B, M-7-235A, M-7-235C, MX-7-180C, M-7-260, M-7-260C, M-7-420AC, MX-7-160C, MX-7-180AC, M-7-420A, MT-7-420 M22 M20, M20A, M20B, M20C, M20D, M20E, M20F, M20G, M20J, M20K, M20M, M20R, M20S, M20TN PC-6, PC-6H1, PC-6H2, PC-6/350, PC-6/350-H1, PC-6/350-H2, PC-6/A, PC-6/A-H1, PC-6/A-H2, PC-6B-H2, PC-6/B1-H2, PC-6/B2-H2, PC-6/B2-H4, PC-6/C-H2, PC-6/C1-H2 PC-7



FAA

Manufacturing Inspection District Office, ANE-MIDO-41

FEDERAL AVIATION ADMINISTRATION – PARTS MANUFACTURER APPROVAL

Whelen Engineering Company, Inc.
 51 Winthrop Road
 Chester, CT. 06412-0684

PMA NO. PQ0610NE
 SUPPLEMENT NO. 43 Amdt 2
 DATE: 21 April 2016

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make Eligibility	Model Eligibility ⁽¹⁾
LED Landing Light	01-0771833-20	Modification Part	STC SA00344BO DWG No: 71833 Rev: B Date: 3/13/2014 or later FAA-approved revisions	Pilatus Aircraft Ltd. Piper Aircraft, Inc. Piper Aircraft, Inc. Piper Aircraft, Inc. Piper Aircraft, Inc. Piper Aircraft, Inc. Piper Aircraft, Inc. ⁽³⁾ Piper Aircraft, Inc. ⁽³⁾ Piper Aircraft, Inc. ⁽³⁾	PC-12/45, PC-12/47, PC-12/47E J4, J4A, J4A-S J4E (Army L-4E) PA-16, PA-16S PA-15 PA-17 PA-18, PA-18S, PA-18 "105" (Special), PA-18S "105" (Special), PA-18A, PA-18 "125" (Army L-21A), PA-18S "125", PA-18AS "125", PA-18 "135" (Army L-21B), PA-18A "135", PA-18S "135", PA-18AS "135", PA-18 "150", PA-18A "150", PA-18S "150", PA-18AS "150", PA-19 (Army L-18C), PA-19S PA-20, PA-20S, PA-20 "115", PA-20S "115", PA-20 "135", PA-20S "135" PA-22, PA-22-108, PA-22-135, PA-22S-135, PA-22-150, PA-22S-150, PA-22-160, PA-22S-160



FAA

Manufacturing Inspection District Office, ANE-MIDO-41

FEDERAL AVIATION ADMINISTRATION – PARTS MANUFACTURER APPROVAL

Whelen Engineering Company, Inc.
 51 Winthrop Road
 Chester, CT. 06412-0684

PMA NO. PQ0610NE
 SUPPLEMENT NO. 43 Amdt 2
 DATE: 21 April 2016

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make Eligibility	Model Eligibility ⁽¹⁾
LED Landing Light	01-0771833-20	Modification Part	STC SA00344BO <u>DWG No:</u> 71833 <u>Rev:</u> B <u>Date:</u> 3/13/2014 or later FAA-approved revisions	Piper Aircraft, Inc. Piper Aircraft, Inc. ⁽²⁾ Piper Aircraft, Inc. Piper Aircraft, Inc. Piper Aircraft, Inc. Piper Aircraft, Inc.	PA-24, PA-24-250, PA-24-260, PA-24-400 PA-28-140, PA-28-150, PA-28-160, PA-28-180, PA-28-235, PA-28S-160, PA-28S-180, PA-28R-180, PA-28R-200, PA-28-151, PA-28-161, PA-28-181, PA-28R-201, PA-28R-201T, PA-28-236, PA-28RT-201, PA-28RT-201T, PA-28-201T PA-32-260, PA-32-300, PA-32S-300, PA-32R-300, PA-32RT-300, PA-32RT-300T, PA32-301FT, PA32-301XTC, PA-32R-301(SP), PA-32R-301(HP), PA-32R-301T, PA-32-301, PA-32-301T PA-36-285, PA-36-300, PA-36-375 PA-38-112 PA-18A, PA-18A "135", PA-18A "150" (Restricted Category Only)



FAA

Manufacturing Inspection District Office, ANE-MIDO-41

FEDERAL AVIATION ADMINISTRATION – PARTS MANUFACTURER APPROVAL

Whelen Engineering Company, Inc.
 51 Winthrop Road
 Chester, CT. 06412-0684

PMA NO. PQ0610NE
 SUPPLEMENT NO. 43 Amdt 2
 DATE: 21 April 2016

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make Eligibility	Model Eligibility ⁽¹⁾
LED Landing Light	01-0771833-20	Modification Part	STC SA00344BO DWG No: 71833 Rev: B Date: 3/13/2014 or later FAA-approved revisions	SOCATA Groupe Aerospatiale SOCATA Groupe Aerospatiale SOCATA Groupe Aerospatiale SOCATA, S.A. Sky International Inc. STOL Aviation LLC STOL Aviation LLC Swift Museum Foundation, Inc. Taylorcraft 2000, LLC Taylorcraft 2000, LLC	TB 9, TB 10, TB 20, TB 21, TB 200 TBM-700A, TBM-700B, TBM-700C1, TBM-700C2, TBM-700N, TBM-850, TBM-850 Elite, TBM-900 MS 880B, MS 885, MS 894A, MS 893A, MS 892A-150, MS 892E-150, MS 893E, MS 894E, Rallye 100S, Rallye 150T, Rallye 150ST, Rallye 235E, Rallye 235C GA-7 A-1, A-1A, A-1B, A-1C-180, A-1C-200 S-1A, S-1A-65F, S-1A-85F, S-1A-90F S-1B1 (Army L-6, XL-6), S-1B2 GC-1A, GC-1B 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



FAA

Manufacturing Inspection District Office, ANE-MIDO-41

FEDERAL AVIATION ADMINISTRATION – PARTS MANUFACTURER APPROVAL

Whelen Engineering Company, Inc.
 51 Winthrop Road
 Chester, CT. 06412-0684

PMA NO. PQ0610NE
 SUPPLEMENT NO. 43 Amdt 2
 DATE: 21 April 2016

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make Eligibility	Model Eligibility ⁽¹⁾
LED Landing Light	01-0771833-20	Modification Part	STC SA00344BO DWG No: 71833 Rev: B Date: 3/13/2014 or later FAA-approved revisions	The Don Luscombe Aviation History Foundation, Inc. Thrush Aircraft, Inc. Thrush Aircraft, Inc. Thrush Aircraft, Inc. Thrush Aircraft, Inc. True Flight Holdings LLC True Flight Holdings LLC Twin Commander Aircraft LLC Twin Commander Aircraft LLC Twin Commander Aircraft LLC Univair Aircraft Corporation (Stinson)	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 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



FAA

Manufacturing Inspection District Office, ANE-MIDO-41

FEDERAL AVIATION ADMINISTRATION – PARTS MANUFACTURER APPROVAL

Whelen Engineering Company, Inc.
 51 Winthrop Road
 Chester, CT. 06412-0684

PMA NO. PQ0610NE
 SUPPLEMENT NO. 43 Amdt 2
 DATE: 21 April 2016

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make Eligibility	Model Eligibility ⁽¹⁾
LED Landing Light	01-0771833-20	Modification Part	STC SA00344BO <u>DWG No:</u> 71833 <u>Rev:</u> B <u>Date:</u> 3/13/2014 or later FAA-approved revisions	Viking Air Limited Viking Air Limited Viking Air Limited Vulcanair S.p.A.	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"
LED Taxi Light	01-0771833-25	Modification Part	STC SA00344BO <u>DWG No:</u> 71833 <u>Rev:</u> B <u>Date:</u> 3/13/2014 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.	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-401B, AT-402A, AT-402B, AT-502B AT-602, AT-802, AT-802A



FAA

Manufacturing Inspection District Office, ANE-MIDO-41

FEDERAL AVIATION ADMINISTRATION – PARTS MANUFACTURER APPROVAL

Whelen Engineering Company, Inc.
 51 Winthrop Road
 Chester, CT. 06412-0684

PMA NO. PQ0610NE
 SUPPLEMENT NO. 43 Amdt 2
 DATE: 21 April 2016

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make Eligibility	Model Eligibility ⁽¹⁾
LED Taxi Light	01-0771833-25	Modification Part	STC SA00344BO DWG No: 71833 Rev: B Date: 3/13/2014 or later FAA-approved revisions	Alexandria Aircraft, LLC Alexandria Aircraft, LLC Allied Ag Cat Productions, Inc American Champion Aircraft Corp. American Champion Aircraft Corp. American Champion Aircraft Corp. American Champion Aircraft Corp. Atlantic Coast Seaplanes, LLC	14-19, 14-19-2, 14-19-3, 14-19-3A, 17-30, 17-31, 17-31TC, 17-30A, 17-31A, 17-31ATC G-164, G-164A, G-164B, G-164B with 73" wing gap, G-164B-15T, G-164B-34T, G-164B-20T, G-164C, G-164D, G-164D with 73" wing gap 7ECA, 7GCAA, 7GCBC 7AC, 7ACA, S7AC, 7BCM (L-16A), 7CCM (L-16B), S7CCM, 7DC, S7DC, 7EC, S7EC, 7FC, 7GC, 7GCA, 7GCB, 7GCB, 7HC, 7JC, 7KC, 7KCAB 11AC, S11AC, 11BC, S11BC 11CC, S11CC 402 8KCAB, 8GCBC G-21C, G-21D, G-21E, G-21G



FAA

Manufacturing Inspection District Office, ANE-MIDO-41

FEDERAL AVIATION ADMINISTRATION – PARTS MANUFACTURER APPROVAL

Whelen Engineering Company, Inc.
 51 Winthrop Road
 Chester, CT. 06412-0684

PMA NO. PQ0610NE
 SUPPLEMENT NO. 43 Amdt 2
 DATE: 21 April 2016

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make Eligibility	Model Eligibility ⁽¹⁾
LED Taxi Light	01-0771833-25	Modification Part	STC SA00344BO DWG No: 71833 Rev: B Date: 3/13/2014 or later FAA-approved revisions	Beechcraft Corporation Beechcraft Corporation Beechcraft Corporation Beechcraft Corporation Beechcraft Corporation Beechcraft Corporation Beechcraft Corporation Bellanca Aircraft Corp.	65 (L-23F), 65-A90-1 (JU-21A), A65 (U-21A), A65-8200 (RU-21A), 65-80 (RU-21D), 65-A80 (U-21G), 65-A80-8800 (RU-21H), 65-B80, 65-88, 65-A90-2 (RU-21B), 65-A90-3 (RU-21C), 65-A90-4 (RU-21E), 65-A90 (RU-21H), 65-90, 70, B90, C90, C90A, C90GT, C90GTi, E90, H90 (T-44A) 99, 99A, 99A (FACH), A99, A99A, B99, C99, 100, A100 (U-21F), A100A, A100C, B100 58P, 58PA, 58TC, 58TCA 76 77 60, A60, B60 A100-1, 200, 200C, 200CT, 200T, A200, A200C, A200CT, B200, B200CT, B200GT, B200CGT, B200T, 300, 300LW, B300, B300C, 1900, 1900C, 1900D 50 (L-23A), B50 (L-23B), C50, D50 (L-23E), D50A, D50B, D50C, D50E, D50E-5990, E50 (L-23D, RL23D), F50, G50, H50, J50 14-13, 14-13-2, 14-13-3, 14-13-3W



FAA

Manufacturing Inspection District Office, ANE-MIDO-41

FEDERAL AVIATION ADMINISTRATION – PARTS MANUFACTURER APPROVAL

Whelen Engineering Company, Inc.
 51 Winthrop Road
 Chester, CT. 06412-0684

PMA NO. PQ0610NE
 SUPPLEMENT NO. 43 Amdt 2
 DATE: 21 April 2016

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make Eligibility	Model Eligibility ⁽¹⁾
LED Taxi Light	01-0771833-25	Modification Part	STC SA00344BO DWG No: 71833 Rev: B Date: 3/13/2014 or later FAA-approved revisions	B-N Group Ltd. B-N Group Ltd. Boeing Airplane Company British Aerospace Regional Aircraft British Aerospace Regional Aircraft Burl A. Rogers (Aeronca) Cessna Aircraft Company Cessna Aircraft Company Cessna Aircraft Company Cessna Aircraft Company	BN2A MK. III, BN2A MK. III-2, BN2A MK. III-3 BN-2, BN-2A, BN-2A-2, BN-2A-3, BN-2A-6, BN-2A-8, BN-2A-9, BN-2A-20, BN-2A-21, BN-2A-26, BN-2A-27, BN-2B-20, BN-2B-21, BN-2B-27, BN-2T, BN-2B-26, BN-2T-4R A75L3, 75 (Army PT-13), A75 (Army PT-13A, PT-13B, PT-13C), B75 (Navy N2S-5), E75 (Army PT-13D, Navy N2S-5, PT13D/N2S-5), A75J1 (Army PT-18), A75L300, A75N1 (Army PT-17, PT -17A; Navy N2S1, N2S1-4), B75N1 (Navy N2S-3), D75N1 (Army PT-27), IB75A, E75N1 Jetstream 3101 Jetstream 3201 15AC, SI5AC LC40-550FG, LC42-550FG, LC41-550FG C-145, C-165 (ARMY UC-94) 120, 140 140A



FAA

Manufacturing Inspection District Office, ANE-MIDO-41

FEDERAL AVIATION ADMINISTRATION – PARTS MANUFACTURER APPROVAL

Whelen Engineering Company, Inc.
 51 Winthrop Road
 Chester, CT. 06412-0684

PMA NO. PQ0610NE
 SUPPLEMENT NO. 43 Amdt 2
 DATE: 21 April 2016

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make Eligibility	Model Eligibility ⁽¹⁾
LED Taxi Light	01-0771833-25	Modification Part	STC SA00344BO <u>DWG No:</u> 71833 <u>Rev:</u> B <u>Date:</u> 3/13/2014 or later FAA-approved revisions	Cessna Aircraft Company	150, 150A, 150B, 150C, 150D, 150E, 150F, 150G, 150H, 150J, 150K, A150K, 150L, A150L, 150M, A150M 152, A152
				Cessna Aircraft Company	170, 170A, 170B
				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, 18011, 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



FAA

Manufacturing Inspection District Office, ANE-MIDO-41

FEDERAL AVIATION ADMINISTRATION – PARTS MANUFACTURER APPROVAL

Whelen Engineering Company, Inc.
 51 Winthrop Road
 Chester, CT. 06412-0684

PMA NO. PQ0610NE
 SUPPLEMENT NO. 43 Amdt 2
 DATE: 21 April 2016

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make Eligibility	Model Eligibility ⁽¹⁾
LED Taxi Light	01-0771833-25	Modification Part	STC SA00344BO DWG No: 71833 Rev: B Date: 3/13/2014 or later FAA-approved revisions	Cessna Aircraft Company Cessna Aircraft Company Cessna Aircraft Company Cessna Aircraft Company Cessna Aircraft Company Cessna Aircraft Company Cessna Aircraft Company Cessna Aircraft Company	188, 188A, 188B, A188, A188A, A188B, T188C 190, 195 (LC-126A,B,C), 195A, 195B 206, U206, U206A, U206B, U206C, U206D, U206E, U206F, U206G, 20611, P206, P206A, P206B, P206C, P206D, P206E, TU206A, TU206B, TU206C, TU206D, TU206E, TU206F, TU206G, T206H, TP206A, TP206B, TP206C, TP206D, TP206E 207, 207A, T207, T207A 208, 208B 210, 210A, 210B, 210C, 210D, 210E, 210F, T210F, 210G, T210G, 210H, T210H, 210J, T210J, 210K, T210K, 210L, T210L, 210M, T210M, 210N, P210N, T210N, 210R, P210R, T210R, 210-5 (205), 210-5A (205A) 321(Navy OE-2) T-50 (Army AT-17, UC-78 series, Navy JRC-1) T303



FAA

Manufacturing Inspection District Office, ANE-MIDO-41

FEDERAL AVIATION ADMINISTRATION – PARTS MANUFACTURER APPROVAL

Whelen Engineering Company, Inc.
 51 Winthrop Road
 Chester, CT. 06412-0684

PMA NO. PQ0610NE
 SUPPLEMENT NO. 43 Amdt 2
 DATE: 21 April 2016

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make Eligibility	Model Eligibility ⁽¹⁾
LED Taxi Light	01-0771833-25	Modification Part	STC SA00344BO DWG No: 71833 Rev: B Date: 3/13/2014 or later FAA-approved revisions	Cessna Aircraft Company (Reims Aviation S.A.) Cessna Aircraft Company (Reims Aviation S.A.) Cessna Aircraft Company (Reims Aviation S.A.) CPAC, Inc. Cub Crafters, Inc. Diamond Aircraft Industries GmbH Diamond Aircraft Industries GmbH Diamond Aircraft Industries Inc. Found Aircraft Canada, Inc. Found Brothers Aviation Limited FS 2001 Corp (Piper) FS 2002 Corporation. (Piper) ⁽²⁾ FS 2003 Corporation (Piper) ⁽²⁾ GA 8 Airvan (Pty) Ltd.	F182P, F182Q, FR182 F337E, FT337E F337F, FT337F, F337G, FT337GP, F337H, FT337HP F177RG 112, 114, 112TC, 112B, 112TCA, 114A, 114B, 114TC CC18-180, CC18-180A DA 40, DA 40F DA 42, DA 42 NG, DA 42 M-NG DA20-A1, DA20-C1 FBA-2C, FBA-2C1, FBA-2C2, FBA-2C3 FBA Centennial "100" J5A (Army L-4F), J5A-80, J5B (Army L-4G), J5C, AE-1, HE-1 PA-14 PA-12, PA-12S GA8, GA8-TC320



FAA

Manufacturing Inspection District Office, ANE-MIDO-41

FEDERAL AVIATION ADMINISTRATION – PARTS MANUFACTURER APPROVAL

Whelen Engineering Company, Inc.
 51 Winthrop Road
 Chester, CT. 06412-0684

PMA NO. PQ0610NE
 SUPPLEMENT NO. 43 Amdt 2
 DATE: 21 April 2016

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make Eligibility	Model Eligibility ⁽¹⁾
LED Taxi Light	01-0771833-25	Modification Part	STC SA00344BO DWG No: 71833 Rev: B Date: 3/13/2014 or later FAA-approved revisions	GROB Grumman Gulfstream Aerospace Corporation Gulfstream Aerospace Corporation Helio Aircraft, LLC. LAVIA Argentina S.A. (LAVIASA) LAVIA Argentina S.A. (LAVIASA) M7 M7 M7	G120A G-21, G-21A (Army OA-9, Navy JRF-1, JRF-2, JRF-4, JRF-5, JRF-6B) 111 G-44 (Army OA-14, Navy J4F -2), G-44A, SCAN Type 30 11-250, H-295 (USAF U-10D), HT-295, H-391 (USAF YL-24), H-391B, H-395 (USAF L-28A or U-10B), H-395A, H700, H800 PA-25, PA-25-235, PA-25-260 (Restricted Category Only) PA-25, PA-25-235, PA-25-260 SA226-T, SA226-AT, SA226-T(B), SA227-AT, SA227-TT SA226-TC, SA227-AC (C-26A), SA227-PC, SA227-BC (C-26A) SA227-CC, SA227-DC (C26B)



FAA

Manufacturing Inspection District Office, ANE-MIDO-41

FEDERAL AVIATION ADMINISTRATION – PARTS MANUFACTURER APPROVAL

Whelen Engineering Company, Inc.
 51 Winthrop Road
 Chester, CT. 06412-0684

PMA NO. PQ0610NE
 SUPPLEMENT NO. 43 Amdt 2
 DATE: 21 April 2016

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make Eligibility	Model Eligibility ⁽¹⁾
LED Taxi Light	01-0771833-25	Modification Part	STC SA00344BO DWG No: 71833 Rev: B Date: 3/13/2014 or later FAA-approved revisions	Maule Aerospace Technology, Inc. ⁽³⁾ Mooney Aircraft Corporation Mooney Airplane Company, Inc. Pilatus Aircraft Ltd. Pilatus Aircraft Ltd.	BEE DEE M-4, M-4, M-4C, M-4S, M-4T, M-4-180C, M-4-180S, M-4-180T, M-4-210, M-4-210C, M-4-210S, M-4-210T, M-4-220, M-4-220C, M-4-220S, M-4-220T, M-5-180C, M-5-200, M-5-210C, M-5-210TC, M-5-220C, M-5-235C, M-6-180, M-6-235, M-7-235, MX-7-180, MX-7-235, MX-7-180, MX-7-420, MXT-7-180, MT-7-235, M-8-235, MX-7-160, MXT-7-160, MX-7-180A, MXT-7-180A, MX-7-180B, M-7-235B, M-7-235A, M-7-235C, MX-7-180C, M-7-260, M-7-260C, M-7-420AC, MX-7-160C, MX-7-180AC, M-7-420A, MT-7-420 M22 M20, M20A, M20B, M20C, M20D, M20E, M20F, M20G, M20J, M20K, M20M, M20R, M20S, M20TN PC-6, PC-6H1, PC-6H2, PC-6/350, PC-6/350-H1, PC-6/350-H2, PC-6/A, PC-6/A-H1, PC-6/A-H2, PC-6B-H2, PC-6/B1-H2, PC-6/B2-H2, PC-6/B2-H4, PC-6/C-H2, PC-6/C1-H2 PC-7



FAA

Manufacturing Inspection District Office, ANE-MIDO-41

FEDERAL AVIATION ADMINISTRATION – PARTS MANUFACTURER APPROVAL

Whelen Engineering Company, Inc.
 51 Winthrop Road
 Chester, CT. 06412-0684

PMA NO. PQ0610NE
 SUPPLEMENT NO. 43 Amdt 2
 DATE: 21 April 2016

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make Eligibility	Model Eligibility ⁽¹⁾
LED Taxi Light	01-0771833-25	Modification Part	STC SA00344BO DWG No: 71833 Rev: B Date: 3/13/2014 or later FAA-approved revisions	Pilatus Aircraft Ltd. Piper Aircraft, Inc. Piper Aircraft, Inc. Piper Aircraft, Inc. Piper Aircraft, Inc. Piper Aircraft, Inc. Piper Aircraft, Inc. ⁽³⁾ Piper Aircraft, Inc. ⁽³⁾ Piper Aircraft, Inc. ⁽³⁾	PC-12/45, PC-12/47, PC-12/47E J4, J4A, J4A-S J4E (Army L-4E) PA-16, PA-16S PA-15 PA-17 PA-18, PA-18S, PA-18 "105" (Special), PA-18S "105" (Special), PA-18A, PA-18 "125" (Army L-21A), PA-18S "125", PA-18AS "125", PA-18 "135" (Army L-21B), PA-18A "135", PA-18S "135", PA-18AS "135", PA-18 "150", PA-18A "150", PA-18S "150", PA-18AS "150", PA-19 (Army L-18C), PA-19S PA-20, PA-20S, PA-20 "115", PA-20S "115", PA-20 "135", PA-20S "135" PA-22, PA-22-108, PA-22-135, PA-22S-135, PA-22-150, PA-22S-150, PA-22-160, PA-22S-160



FAA

Manufacturing Inspection District Office, ANE-MIDO-41

FEDERAL AVIATION ADMINISTRATION – PARTS MANUFACTURER APPROVAL

Whelen Engineering Company, Inc.
 51 Winthrop Road
 Chester, CT. 06412-0684

PMA NO. PQ0610NE
 SUPPLEMENT NO. 43 Amdt 2
 DATE: 21 April 2016

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make Eligibility	Model Eligibility ⁽¹⁾
LED Taxi Light	01-0771833-25	Modification Part	STC SA00344BO <u>DWG No:</u> 71833 <u>Rev:</u> B <u>Date:</u> 3/13/2014 or later FAA-approved revisions	Piper Aircraft, Inc. Piper Aircraft, Inc. ⁽²⁾ Piper Aircraft, Inc. Piper Aircraft, Inc. Piper Aircraft, Inc. Piper Aircraft, Inc.	PA-24, PA-24-250, PA-24-260, PA-24-400 PA-28-140, PA-28-150, PA-28-160, PA-28-180, PA-28-235, PA-28S-160, PA-28S-180, PA-28R-180, PA-28R-200, PA-28-151, PA-28-161, PA-28-181, PA-28R-201, PA-28R-201T, PA-28-236, PA-28RT-201, PA-28RT-201T, PA-28-201T PA-32-260, PA-32-300, PA-32S-300, PA-32R-300, PA-32RT-300, PA-32RT-300T, PA32-301FT, PA32-301XTC, PA-32R-301(SP), PA-32R-301(HP), PA-32R-301T, PA-32-301, PA-32-301T PA-36-285, PA-36-300, PA-36-375 PA-38-112 PA-18A, PA-18A "135", PA-18A "150" (Restricted Category Only)



FAA

Manufacturing Inspection District Office, ANE-MIDO-41

FEDERAL AVIATION ADMINISTRATION – PARTS MANUFACTURER APPROVAL

Whelen Engineering Company, Inc.
 51 Winthrop Road
 Chester, CT. 06412-0684

PMA NO. PQ0610NE
 SUPPLEMENT NO. 43 Amdt 2
 DATE: 21 April 2016

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make Eligibility	Model Eligibility ⁽¹⁾
LED Taxi Light	01-0771833-25	Modification Part	STC SA00344BO DWG No: 71833 Rev: B Date: 3/13/2014 or later FAA-approved revisions	Piper Aircraft, Inc. Piper Aircraft, Inc. Piper Aircraft, Inc. Piper Aircraft, Inc. Piper Aircraft, Inc. Piper Aircraft, Inc. Piper Aircraft, Inc. Piper Aircraft, Inc. Regal Air, Inc. Regal Air Incorporated Reims Aviation Revo, Incorporated	PA-36-285, PA-36-300, PA-36-375 (Restricted Category Only) PA-23, PA-23-160, PA-23-235, PA-23-250 (Navy UO-1), PA-E23-250 PA-30, PA-39, PA-40 PA-31, PA-31-300, PA-31-325, PA-31-350 PA-31P, PA-31T, PA-31T1, PA-31T2, PA-31T3, PA31P-350 PA-34-200, PA-34-200T, PA-34-220T PA-44-180, PA-44-180T PA-46-310P, PA-46-350P, PA-46-500TP, PA-46R-350T 305A (USAF 0-1A), 305C (USAF 0-1E), 305D (USAF 0-1G), 305F 305B (Military TO-1D, 0-1D, 0-1F), 305E F406 Colonial C-1, Colonial C-2, Lake LA-4, Lake LA-4A, , Lake LA-4P, Lake LA-4-200, Lake Model 250



FAA

Manufacturing Inspection District Office, ANE-MIDO-41

FEDERAL AVIATION ADMINISTRATION – PARTS MANUFACTURER APPROVAL

Whelen Engineering Company, Inc.
 51 Winthrop Road
 Chester, CT. 06412-0684

PMA NO. PQ0610NE
 SUPPLEMENT NO. 43 Amdt 2
 DATE: 21 April 2016

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make Eligibility	Model Eligibility ⁽¹⁾
LED Taxi Light	01-0771833-25	Modification Part	STC SA00344BO DWG No: 71833 Rev: B Date: 3/13/2014 or later FAA-approved revisions	SOCATA Groupe Aerospatiale SOCATA Groupe Aerospatiale SOCATA Groupe Aerospatiale SOCATA, S.A. Sky International Inc. STOL Aviation LLC STOL Aviation LLC Swift Museum Foundation, Inc. Taylorcraft 2000, LLC Taylorcraft 2000, LLC	TB 9, TB 10, TB 20, TB 21, TB 200 TBM-700A, TBM-700B, TBM-700C1, TBM-700C2, TBM-700N, TBM-850, TBM-850 Elite, TBM-900 MS 880B, MS 885, MS 894A, MS 893A, MS 892A-150, MS 892E-150, MS 893E, MS 894E, Rallye 100S, Rallye 150T, Rallye 150ST, Rallye 235E, Rallye 235C GA-7 A-1, A-1A, A-1B, A-1C-180, A-1C-200 S-1A, S-1A-65F, S-1A-85F, S-1A-90F S-1B1 (Army L-6, XL-6), S-1B2 GC-1A, GC-1B 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



FAA

Manufacturing Inspection District Office, ANE-MIDO-41

FEDERAL AVIATION ADMINISTRATION – PARTS MANUFACTURER APPROVAL

Whelen Engineering Company, Inc.
 51 Winthrop Road
 Chester, CT. 06412-0684

PMA NO. PQ0610NE
 SUPPLEMENT NO. 43 Amdt 2
 DATE: 21 April 2016

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make Eligibility	Model Eligibility ⁽¹⁾
LED Taxi Light	01-0771833-25	Modification Part	STC SA00344BO DWG No: 71833 Rev: B Date: 3/13/2014 or later FAA-approved revisions	The Don Luscombe Aviation History Foundation, Inc. Thrush Aircraft, Inc. Thrush Aircraft, Inc. Thrush Aircraft, Inc. Thrush Aircraft, Inc. True Flight Holdings LLC True Flight Holdings LLC Twin Commander Aircraft LLC Twin Commander Aircraft LLC Twin Commander Aircraft LLC Univair Aircraft Corporation (Stinson)	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 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



FAA

Manufacturing Inspection District Office, ANE-MIDO-41

FEDERAL AVIATION ADMINISTRATION – PARTS MANUFACTURER APPROVAL

Whelen Engineering Company, Inc.
 51 Winthrop Road
 Chester, CT. 06412-0684

PMA NO. PQ0610NE
 SUPPLEMENT NO. 43 Amdt 2
 DATE: 21 April 2016

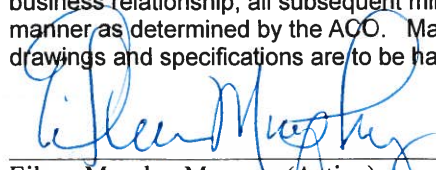
Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make Eligibility	Model Eligibility ⁽¹⁾
LED Taxi Light	01-0771833-25	Modification Part	STC SA00344BO <u>DWG No:</u> 71833 <u>Rev:</u> B <u>Date:</u> 3/13/2014 or later FAA-approved revisions	Viking Air Limited Viking Air Limited Viking Air Limited Vulcanair S.p.A.	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"

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 DATA)**-----

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.


 Eileen Murphy, Manager (Acting)
 Bradley Manufacturing Inspection District Office