

United States of America  
Department of Transportation - Federal Aviation Administration  
**Supplemental Type Certificate**

Number SA02513SE

This certificate, issued to

Stene Aviation, Inc.  
PO Box 700  
Polson, MT 59860

For  
Reference  
Only

certifies that the change in the type design for the following product with the limitations and conditions therefore as specified hereon meets the airworthiness requirements of Part \* of the \* Regulations.

Original Product—Type Certificate Number:

Make:

Model:

\* See attached Federal Aviation Administration (FAA)  
Approved Model List (AML) SA02513SE for approved  
aircraft models and applicable airworthiness regulations

Description of the Type Design Change: Installation of wing tips with integrated Light Emitting Diode (LED) landing and taxi lighting in accordance with Stene Aviation Master Drawing List (MDL) as listed on the AML. Maintained in accordance with the Instructions for Continued Airworthiness (ICA) Document SA1400\_IFCA, Revision B, dated August 29, 2016, or later FAA-accepted revision. Operated in accordance with the aircraft flight manual supplement (AFMS) as listed on the AML.

Limitations and Conditions: Approval of this change in type design applies to the aircraft listed on AML SA02513SE only. This approval should not be extended to other aircraft of this model on which other previously approved modifications are incorporated unless it is determined by the installer that the relationship between this change and other previously approved modifications will introduce no adverse effect upon the airworthiness of that aircraft. A copy of this certificate, AML SA02513SE, the ICA, and the applicable MDL and AFMS, must be maintained as part of the permanent records for the modified aircraft.

If the holder agrees to permit another person to use this certificate to alter the product, the holder shall give the other person written evidence of that permission.

This certificate and the supporting data which is the basis for approval shall remain in effect until surrendered, suspended, revoked, or a termination date is otherwise established by the Administrator of the Federal Aviation Administration.

Date of application: January 12, 2016

Date reissued:

Date of issuance: November 28, 2016

Date amended:



By direction of the Administrator

*[Signature]*  
(Signature)

For Manager, Seattle Aircraft Certification Office  
(Title)

Any alteration of this certificate is punishable by a fine of not exceeding \$1,000, or imprisonment not exceeding 3 years, or both.

This certificate may be transferred in accordance with FAR 21.47.

FEDERAL AVIATION ADMINISTRATION (FAA) APPROVED MODEL LIST (AML) SA02513SE  
FOR  
INSTALLATION OF WING TIPS WITH INTEGRATED LIGHT EMITTING DIODE (LED) LANDING AND TAXI LIGHTING  
ISSUE DATE: November 28, 2016

ITEM	AIRCRAFT MAKE	AIRCRAFT MODEL	ORIGINAL TC NUMBER	CERTIFICATION BASIS FOR ALTERATION	FAA APPROVED AIRCRAFT FLIGHT MANUAL SUPPLEMENT		FAA APPROVED MASTER DRAWING LIST		AML REV DATE
					Number	Revision*	Drawing	Revision*	
1.	Textron Aviation Inc. (Formerly Cessna)	150, 150A, 150B, 150C, 150D, 150E, 150F, 150G, 150H, 150J, 150K, 150L, A150L, 150M, A150M, 152, A152	3A19	14 CFR Part 23 through Amdt 23-6 and the following: 23.301 at Amdt 42 23.305 at Amdt 45 23.603 at Amdt 23 23.605 at Amdt 23 23.611 at Amdt 7 23.613 at Amdt 23 23.1301 at Amdt 20 23.1309 at Amdt 17 23.1357 at Amdt 43 23.1385 at Amdt 43 23.1529 at Amdt 8	Airplane Flight Manual Supplement or Supplemental Airplane Flight Manual for Quasar LED Lighted Wingtips	Revision A, dated 11/8/16	SA1400_MDL	Revision D, dated 10/5/16	
2.	Textron Aviation Inc. (Formerly Cessna)	170A, 170B	A-799	14 CFR Part 23 through Amdt 23-6 and the following: 23.301 at Amdt 42 23.305 at Amdt 45 23.603 at Amdt 23 23.605 at Amdt 23 23.611 at Amdt 7 23.613 at Amdt 23 23.1301 at Amdt 20 23.1309 at Amdt 17 23.1357 at Amdt 43 23.1385 at Amdt 43 23.1529 at Amdt 8	Airplane Flight Manual Supplement or Supplemental Airplane Flight Manual for Quasar LED Lighted Wingtips	Revision A, dated 11/8/16	SA1400_MDL	Revision D, dated 10/5/16	



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3.	Textron Aviation Inc. (Formerly Cessna)	172, 172A, 172B, 172C, 172D, 172E, 172F, 172G, 172H, 172I, 172K, 172L, 172M, 172N, 172P, 172Q, 172S	3A12	14 CFR Part 23 through Amdt 23-6 and the following: 23.301 at Amdt 42 23.305 at Amdt 45 23.603 at Amdt 23 23.605 at Amdt 23 23.611 at Amdt 7 23.613 at Amdt 23 23.1301 at Amdt 20 23.1309 at Amdt 17 23.1357 at Amdt 43 23.1385 at Amdt 43 23.1529 at Amdt 8	Airplane Flight Manual Supplement or Supplemental Airplane Flight Manual for Quasar LED Lighted Wingtips	Revision A, dated 11/8/16	SA1400_MDL	Revision D, dated 10/5/16	
4.	Textron Aviation Inc. (Formerly Cessna)	175, 175A, 175B, 175C, 172RG, P172D, R172K	3A17	14 CFR Part 23 through Amdt 23-6 and the following: 23.301 at Amdt 42 23.305 at Amdt 45 23.603 at Amdt 23 23.605 at Amdt 23 23.611 at Amdt 7 23.613 at Amdt 23 23.1301 at Amdt 20 23.1309 at Amdt 17 23.1357 at Amdt 43 23.1385 at Amdt 43 23.1529 at Amdt 8	Airplane Flight Manual Supplement or Supplemental Airplane Flight Manual for Quasar LED Lighted Wingtips	Revision A, dated 11/8/16	SA1400_MDL	Revision D, dated 10/5/16	

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5.	Textron Aviation Inc. (Formerly Cessna)	180, 180A, 180B, 180C, 180D, 180E, 180F, 180G, 180H, 180J, 180K	5A6	14 CFR Part 23 through Amdt 23-6 and the following: 23.301 at Amdt 42 23.305 at Amdt 45 23.603 at Amdt 23 23.605 at Amdt 23 23.611 at Amdt 7 23.613 at Amdt 23 23.1301 at Amdt 20 23.1309 at Amdt 17 23.1357 at Amdt 43 23.1385 at Amdt 43 23.1529 at Amdt 8	Airplane Flight Manual Supplement or Supplemental Airplane Flight Manual for Quasar LED Lighted Wingtips	Revision A, dated 11/8/16	SA1400_MDL	Revision D, dated 10/5/16	
6.	Textron Aviation Inc. (Formerly Cessna)	182, 182A, 182B, 182C, 182D, 182E, 182F, 182G, 182H, 182J, 182K, 182L, 182M, 182N, 182P, 182Q, 182R, 182S, 182T, R182, T182, T182T, TR182	3A13	14 CFR Part 23 through Amdt 23-6 and the following: 23.301 at Amdt 42 23.305 at Amdt 45 23.603 at Amdt 23 23.605 at Amdt 23 23.611 at Amdt 7 23.613 at Amdt 23 23.1301 at Amdt 20 23.1309 at Amdt 17 23.1357 at Amdt 43 23.1385 at Amdt 43 23.1529 at Amdt 8	Airplane Flight Manual Supplement or Supplemental Airplane Flight Manual for Quasar LED Lighted Wingtips	Revision A, dated 11/8/16	SA1400_MDL	Revision D, dated 10/5/16	



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7.	Textron Aviation Inc. (Formerly Cessna)	185, 185A, 185B, 185C, 185D, 185E, A185E, A185F	3A24	14 CFR Part 23 through Amdt 23-6 and the following: 23.301 at Amdt 42 23.305 at Amdt 45 23.603 at Amdt 23 23.605 at Amdt 23 23.611 at Amdt 7 23.613 at Amdt 23 23.1301 at Amdt 20 23.1309 at Amdt 17 23.1357 at Amdt 43 23.1385 at Amdt 43 23.1529 at Amdt 8	Airplane Flight Manual Supplement or Supplemental Airplane Flight Manual for Quasar LED Lighted Wingtips	Revision A, dated 11/8/16	SA1400_MDL	Revision D, dated 10/5/16	
8.	Textron Aviation Inc. (Formerly Cessna)	210, 210A, 210B, 210C, 210D, 210E, 210F, T210F, 210-5, 210-5A	3A21	14 CFR Part 23 through Amdt 23-6 and the following: 23.301 at Amdt 42 23.305 at Amdt 45 23.603 at Amdt 23 23.605 at Amdt 23 23.611 at Amdt 7 23.613 at Amdt 23 23.1301 at Amdt 20 23.1309 at Amdt 17 23.1357 at Amdt 43 23.1385 at Amdt 43 23.1529 at Amdt 8	Airplane Flight Manual Supplement or Supplemental Airplane Flight Manual for Quasar LED Lighted Wingtips	Revision A, dated 11/8/16	SA1400_MDL	Revision D, dated 10/5/16	

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9.	Textron Aviation Inc. (Formerly Cessna)	U206F, TU206F, U206G, TU206G, 206H, T206H, 206, P206, P206A, TP206A, 206B, TP206B, 206C, TP206C, P206D, TP206D, 206E, TP206E, U206, U206A, TU206A, U206B, TU206B, U206C, TU206C, U206D, TU206D, U206E, TU206E	A4CE	14 CFR Part 23 through Amdt 23-6 and the following: 23.301 at Amdt 42 23.305 at Amdt 45 23.603 at Amdt 23 23.605 at Amdt 23 23.611 at Amdt 7 23.613 at Amdt 23 23.1301 at Amdt 20 23.1309 at Amdt 17 23.1357 at Amdt 43 23.1385 at Amdt 43 23.1529 at Amdt 8	Airplane Flight Manual Supplement or Supplemental Airplane Flight Manual for Quasar LED Lighted Wingtips	Revision A, dated 11/8/16	SA1400_MDL	Revision D, dated 10/5/16	
10.	Textron Aviation Inc. (Formerly Cessna)	207, T207, 207A, T207A	A16CE	14 CFR Part 23 through Amdt 23-6 and the following: 23.301 at Amdt 42 23.305 at Amdt 45 23.603 at Amdt 23 23.605 at Amdt 23 23.611 at Amdt 7 23.613 at Amdt 23 23.1301 at Amdt 20 23.1309 at Amdt 17 23.1357 at Amdt 43 23.1385 at Amdt 43 23.1529 at Amdt 8	Airplane Flight Manual Supplement or Supplemental Airplane Flight Manual for Quasar LED Lighted Wingtips	Revision A, dated 11/8/16	SA1400_MDL	Revision D, dated 10/5/16	

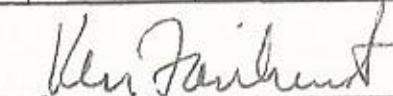


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11.	Cessna	F172D, F172E, F172F, F172G, F172H, F172K, F172L, F172M, F172N, F172P, FP172D	A4EU	14 CFR Part 23 through Amdt 23-6 and the following: 23.301 at Amdt 42 23.305 at Amdt 45 23.603 at Amdt 23 23.605 at Amdt 23 23.611 at Amdt 7 23.613 at Amdt 23 23.1301 at Amdt 20 23.1309 at Amdt 17 23.1357 at Amdt 43 23.1385 at Amdt 43 23.1529 at Amdt 8	Airplane Flight Manual Supplement or Supplemental Airplane Flight Manual for Quasar LED Lighted Wingtips	Revision A, dated 11/8/16	SA1400_MDL	Revision D, dated 10/5/16	
12.	Cessna	F182P, F182Q, FR182	A42EU	14 CFR Part 23 through Amdt 23-6 and the following: 23.301 at Amdt 42 23.305 at Amdt 45 23.603 at Amdt 23 23.605 at Amdt 23 23.611 at Amdt 7 23.613 at Amdt 23 23.1301 at Amdt 20 23.1309 at Amdt 17 23.1357 at Amdt 43 23.1385 at Amdt 43 23.1529 at Amdt 8	Airplane Flight Manual Supplement or Supplemental Airplane Flight Manual for Quasar LED Lighted Wingtips	Revision A, dated 11/8/16	SA1400_MDL	Revision D, dated 10/5/16	

\* Or later FAA Approved Revision

FAA Approved: \_\_\_\_\_

  
Manager, Seattle Aircraft  
Certification Office

AMENDED:  
REISSUED: