



United States of America  
Department of Transportation  
Federal Aviation Administration

# Supplemental Type Certificate

Number: ST11873SE

This certificate issued to: AeroMech Incorporated  
1604 Hewitt Avenue, Suite 505  
Everett, WA 98201

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 25 of Title 14, Code of Federal Regulations.

Original Product Type Certificate Number: T00007WI      Make: Textron Aviation Inc.

Description of Type Design Change:      Model: 750

Installation of Starlink Aviation System in accordance with the Required Data:

1. Master Drawing List (MDL) AM0397-DL01-00, Revision B, dated 19 February 2025 or later FAA-approved revision.
2. Airplane Flight Manual Supplement (AFMS) AM0397-FM01-00, Revision IR, dated 09 February 2025, or later FAA approved revision.

See continuation sheet 3

*Limitations and Conditions:*

1. The installer must determine whether this design change is compatible with previously approved modifications.
2. If the holder agrees to permit another person to use this certificate, the holder shall give the other person written evidence of that permission.

See continuation sheet 3

*This certificate and the supporting data which is the basis for approval must 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: 11/4/24      Date Reissued:

Date of Issuance: 2/26/25      Date Amended:

*see continuation sheet for additional dates*

By Direction of the Administrator

Signature: *Sally Robinson*

Title: ODA Administrator

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 or made available to third persons by licensing agreements in accordance with 14 CFR 21.47. Possession of this Supplemental Type Certificate (STC) document by persons other than the STC holder does not constitute rights to the design data nor to alter an aircraft, aircraft engine, or propeller. The STC's supporting documentation (drawings, instructions, specifications, flight manual supplements, etc.) is the property of the STC holder. An STC holder who allows a person to use the STC to alter an aircraft, aircraft engine, or propeller must provide that person with written permission acceptable to the FAA. (Ref. 14 CFR 21.120).



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## Supplemental Type Certificate

Number: ST11873SE

Effective Date: 02/26/25

**INSTRUCTIONS:** The transfer endorsement below may be used to notify the appropriate FAA Aircraft Certification Office of the transfer of this Supplemental Type Certificate. The FAA will reissue the certificate in the name of the transferee and forward it to him.

### Transfer Endorsement

Transfer the ownership of Supplemental Type Certificate Number: \_\_\_\_\_

To (Name and address of transferee):

From (Name and address of grantor):

Extent of Authority (if licensing agreement):

Date of transfer:

Signature of grantor: \_\_\_\_\_

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*Supplemental Type Certificate*

(Continuation Sheet)

Number: ST11873SE

Effective Date: 02/26/25

Description of Type Design Change Continued:

3. Instructions for Continued Airworthiness AM0397-IC01-00, Revision -, Dated 19 February 2025 or later FAA accepted revision.

Limitation and Conditions Continued:

3. A copy of this certificate must be maintained as part of the permanent records of the modified aircraft.
4. There are no new (or changed) airworthiness limitations associated with the type design change.
5. This modification requires that the aircraft be shown to be electromagnetically compatible with transmitting portable electronics devices (T-PEDs) that utilize wireless data technologies.
6. The system is intended to provide non-essential, non-required internet connection and email services to the airplane's cabin using portable electronic devices (PEDs). Any other intended function of this equipment will require a re-examination of the certification basis.
7. This STC is applicable to all serial numbers for Textron Aviation, Inc. 750 series aircraft.

Certification Basis:

Based on 14 CFR §21.115 and §21.101, and the FAA policy for changed aeronautical products in FAA Order 8110.48, the type certification basis for this modification is as follows:

1. For parts not changed or not affected by this modification see the original certification basis for the Textron Aviation Inc. 750 series aircraft shown on TCDS T00007WI, Revision 19.
2. For parts changed or affected by this modification since the reference date of application, November 4, 2024 the certification basis is as follows:

See continuation sheets 4 and 5.

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# Supplemental Type Certificate

(Continuation Sheet)

Number: ST11873SE

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Certification Basis continued:

Equivalent Level of Safety:

ELOS Memorandum No. AMI-PRG-0397-01-T-25.251 Equivalent Level of Safety Finding for Vibration and Buffeting Requirements for 14 CFR 25.251(b) [Amdt. 25-77].

Regulations complied with through amendment 25-0:

14 CFR §25.1; 25.23; 25.31; 25.123(b); 25.601; 25.609(a)(b); 25.623; 25.1301; 25.1541(a)(1)(b); 25.1555(a)

Regulations complied with through amendment 25-4:

14 CFR §25.771(a)

Regulations complied with through amendment 25-23:

14 CFR §25.301(a)(b); 25.303; 25.337(a)(b)(c); 25.581

Regulations complied with through amendment 25-41:

14 CFR §25.1309(a)(b)(d)(g)

Regulations complied with through amendment 25-42:

14 CFR §25.1501

Regulations complied with through amendment 25-46:

14 CFR §25.603(a)(b)(c); 25.605(a); 25.777(a); 25.789(a)

Regulations complied with through amendment 25-54:

14 CFR §25.1529

Regulations complied with through amendment 25-63:

14 CFR §25.25

Regulations complied with through amendment 25-64:

14 CFR §25.561(a)(b)(3)(c)

Regulations complied with through amendment 25-72:

14 CFR §25.365(a)(b)(d); 25.571(a)(b)(e)(1); 25.625(a)(b)(c); 25.853(a); 25.869(a)(4); 25.1307(c); 25.1351(a); 25.1419(a); 25.1581

See continuation sheet 5.

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Certification Basis continued:

Regulations complied with through amendment 25-77:

14 CFR §25.251(a)(b)(c)(d); 25.629

Regulations complied with through amendment 25-86:

14 CFR §25.305(a)(b)(f); 25.321; 25.333(a); 25.341(a)

Regulations complied with through amendment 25-92:

14 CFR §25.101; 25.115(b)

Regulations complied with through amendment 25-105:

14 CFR §25.1585(a)(1)(2)

Regulations complied with through amendment 25-108:

14 CFR §25.119(a); 25.121; 25.1587

Regulations complied with through amendment 25-112:

14 CFR §25.613(a)(b)

Regulations complied with through amendment 25-113:

14 CFR §25.1431(a)(c)(d)

Regulations complied with through amendment 25-123:

14 CFR §25.611(a); 25.899; 25.1353(a)(c); 25.1357(a)(c)

Regulations complied with through amendment 25-130:

14 CFR §25.1583

Regulations complied with through amendment 25-137:

14 CFR §25.1302(a)(b)

Regulations complied with through amendment 25-139:

14 CFR §25.307(a)

Regulations complied with through amendment 25-140:

14 CFR §25.21

Regulations complied with through amendment 25-148:

14 CFR §25.903(c)

Regulations complied with through amendment 25-152:

14 CFR §25.901(c)

END

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