



United States of America
Department of Transportation
Federal Aviation Administration

Supplemental Type Certificate

Number: ST00820DE

This certificate issued to: West Star Aviation, LLC.
796 Heritage Way
Grand Junction, CO 81506

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 the Federal Aviation Regulations.

Original Product – Type Certificate Number: A10CE
Make: Learjet
Model: 60

Description of Type Design Change:

Installation of a Datalink Communications System supporting Air Traffic Services (ATS) using a Universal Unilink UL-801 Communications Management Unit (CMU) in accordance with West Star Aviation Master Data List 16999L-339, Revision B, Dated Aug/22/2016, or later FAA approved revision.

Limitations and Conditions:

1. The installer must determine if this design change is compatible with previously approved modifications.
2. The modified aircraft must be maintained in accordance with the *Instructions for Continued Airworthiness*, Document No. 16311M-801, Rev. C, dated Aug/18/2016, or later FAA accepted revision.

(Limitations and Conditions continue on page 3 of 3)

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

Date of Application: April 12, 2016

Date Reissued:

Date of Issuance: August 30, 2016

Date Amended:

By Direction of the Administrator

Signature _____

Title: Jeffrey S. Maszkiewicz
ODA Administrator
West Star Aviation, LLC. ODA-834270-NM

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

(Continuation Sheet)

Number: ST00820DE

Date of Issuance: August 30, 2016

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: _____

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).



Supplemental Type Certificate

(Continuation Sheet)

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Limitations and Conditions (cont'd):

3. FAA APPROVED Airplane Flight Manual Supplements, West Star Aviation Documents No's. 16311M-806, Revision I/R, Approved Aug/30/2016 and 16336M-810, Revision I/R, Approved Aug/30/2016, or later FAA approved revisions are required to be onboard the modified aircraft.
4. 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.
5. A copy of this certificate must be maintained as part of the permanent records for the modified aircraft.
6. This STC does not provide operational suitability approval of Iridium safety services and oceanic operation. Use of this STC installation for operational suitability and safety services require further FAA operational approval.

Certification Basis:

Based on 14 CFR §§ 21.115 and 21.101, and FAA policy for significant changes in FAA Order 8110.48, the certification basis for the Learjet 60 aircraft with Datalink Communications System supporting Air Traffic Services (ATS) is as follows:

- a. The type certification basis for the Learjet 60 airplanes is shown on TCDS A10CE for parts **not changed or not affected** by this STC.
- b. The certification basis for the parts **affected** by this change since the reference date of application, Apr 12, 2016, is based upon Part 25 as amended by Amendment 25-73. Based on 14 CFR §§ 21.115 and 21.101, and FAA policy for significant changes in FAA Order 8110.48, the certification basis for this modification was determined to be:

Regulations at latest amendment 25-0 through 23-73.

25.29, 25.301(a)(b), 25.303, 25.305(a)(b), 25.307(a), 25.365(a)(b)(d), 25.561(c), 25.571(a)(b), 25.581(a)(b), 25.601, 25.603(a)(b)(c), 25.605(a), 25.607(a)(b)(c), 25.609(a)(b), 25.611, 25.613(a)(b)(c)(d), 25.619(a)(b)(c), 25.625(a), 25.771(a), 25.777(a)(c), 25.869(a)(4), 25.1301, 25.1307(c), 25.1309(a)(b)(c)(d)(g), 25.1322(b)(c)(d), 25.1351(a), 25.1353(a)(b), 25.1357(a)(c), 25.1431(a)(c), 25.1501(a)(b), 25.1523(a)(b), 25.1529, 25.1541(a)(b), 25.1581(a)(b), 25.1583(h), 25.1585(a).

Regulations at an intermediate amendment level.

25.1457(a)(b)(c)(d)(1)(i)(2)(3)(4)(5)(6)(e)(f)(g) Amendment 25-124.

Note:

It has been determined that this modification is a No Acoustical Change per 14 CFR 21.93 (b).

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