

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

Number ST04064CH

This certificate issued to Flightstar Corporation
7 Airport Rd.
Willard Airport
Savoy, IL 61874

certifies that the change in the type design for the following product with the limitations and conditions therefor as specified herein meets the airworthiness requirements of Part 25 of the Federal Aviation Regulations. (See Type Certificate Data Sheet No. T00008WI for complete certification basis)

Original Product -- Type Certificate Number: T00008WI
Make: Learjet Inc.
Model: 45

Description of Type Design Change:

Installation of Automatic Dependent Surveillance – Broadcast (ADS-B) Out system in accordance with Flightstar Corp. Master Data List Doc. No. 45-001-002, Revision H, dated April 12, 2016, or later FAA approved revision.

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 to alter the product, the holder must give the other person written evidence of that permission.
3. The aircraft must be maintained in accordance with the Instructions for Continued Airworthiness, Flightstar Corp. Doc. No. 45-812-002, Airworthiness Limitations section, Revision B, dated March 10, 2015, FAA approved April 28, 2016.
4. FAA approved Airplane Flight Manual Supplement, Flightstar Corp. Doc. No. 45-818-002, Revision NC, approved March 10, 2016, or later FAA approved revision, is required on board the modified aircraft for -1 Configuration identified in Flightstar Corp. Master Data List Doc. No. 45-001-002.
5. FAA approved Airplane Flight Manual Supplement, Flightstar Corp. Doc. No. 45-818-005, Revision NC, approved April 27, 2016, or later FAA approved revision, is required on board the modified aircraft for -2 Configuration identified in Flightstar Corp. Master Data List Doc. No. 45-001-002.

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: February 04, 2015

Date issued:

Date of issuance: March 10, 2016

Date amended: April 28, 2016



By direction of the Administrator

(Signature)

Steven L. Lardinois, Manager
Systems and Flight Test Branch
Chicago Aircraft Certification Office

(Title)

United States of America
Department of Transportation - Federal Aviation Administration

Supplemental Type Certificate
(Continuation Sheet)

Number ST04064CH

Date Amended: April 28, 2016

Certification Basis:

Based on 14 CFR §§21.115 and 21.101, and the FAA policy for significant changes in FAA Order 8110.48, the certification basis for the Learjet Model 45 aircraft as described in this certificate is as follows:

- a. The type certification basis for the Model 45 aircraft is shown on TCDS T00008WI for parts not changed or not affected by this change.
- b. The certification basis for the parts changed or affected by this change since the reference date of application, February 2, 2015, is based on TCDS T00008WI and §§ 14 CFR Part 25.

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