

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

Number ST04030CH

This certificate issued to

Constant Aviation LLC
5211 Secondary Rd.
Cleveland, Ohio 44135

certifies that the change in the type design for the following product with the limitations and conditions therefor as specified hereon meets the airworthiness requirements of Part 25 of the Federal Aviation Regulations. (See Page 3 for complete certification basis)

Original Product--Type Certificate Number: T00008WI

Make: Learjet Inc.

Model: 45 (Learjet 45, Learjet 40, Learjet 75, Learjet 70)

Description of Type Design Change:

Installation of Aircell ATG-2000/4000/5000 High Speed Internet with Wireless Local Area Network (WLAN) in accordance with Constant Aviation LLC Master Data List Document No. DB1450009, Revision A, dated August 2, 2015, or later FAA approved revision.

Limitations and Conditions:

- 1) The installer must determine whether this design change is compatible with previously approved modifications.
- 2) FAA Approved Flight Manual Supplement, Constant Aviation Report No. DB1405012, Revision IR, approved September 25, 2015, or later FAA approved revision, is required.
- 3) If the holder agrees to permit another person to use this certificate to alter a product, the holder must 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: May 21, 2014

Date reissued:

Date of issuance: September 28, 2015

Date amended:



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 ST04030CH
Date Issued: September 28, 2015

Certification Basis: (continued)

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 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, May 21, 2014, is based on TCDS T00008WI and §§ 14 CFR Part 25.

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 baseline modification was determined to be TCDS T00008WI.

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