

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

Number ST04120CH

This certificate issued to
West Star Aviation, LLC.
2 Airline Court
East Alton, IL 62024

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.

Original Product--Type Certificate Number: A46EU
Make : Dassault Aviation
Model : Mystere-Falcon 900

Description of Type Design Change:

Installation of a Datalink Communications System supporting Air Traffic Services (ATS) using Honeywell MK-III Communications Management Unit (CMU), Honeywell TR-865B VHF Datalink radio, Aircell Axxess Iridium Satcom, and a GoGo Iridium Data Interface Unit (DIU) in accordance with West Star Aviation, Master Data List Document No. DB1504002 Revision B, dated July 11, 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) FAA Approved Airplane Flight Manual Supplement (AFMS) DB1504005 Revision IR dated August 16, 2016, or later FAA approved revision, is required on board the modified aircraft.
- 3) The aircraft CVR must be capable of supporting CPDLC data link recording

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: March 24, 2016

Date reissued: September 6, 2016

Date of issuance: August 17, 2016

Date amended:



By direction of the Administrator

(Signature)

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

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(Continuation Sheet)

Number ST04120CH

Date Issued: September 6, 2016

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 Dassault Aviation Mystere-Falcon 900 aircraft is as follows:

- a. The type certification basis for the Mystere-Falcon 900 aircraft is shown on TCDS A46EU 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, March 24, 2016, is based on TCDS A46EU 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 A46EU and the following:

14 CFR Part 25 Regulations at the amendment level:

14 CFR §§ 25.301(a)(b) [25-23], 25.303 [25-23], 25.305(a)(b) [25-54], 25.307(a)(d) [25-54], 25.321(a) [25-23], 25.561 [25-23], 25.601 [25-00], 25.603 [25-46], 25.605(a) [25-46], 25.607 [25-23], 25.609 [25-00], 25.611 [25-23], 25.613(a)(b)(c) [25-46], 25.625(a)(b)(c) [25-23], 25.1301 [25-00], 25.1307(c) [25-54], 25.1309(a)(b)(c)(d) [25-41], 25.1351 (a)(1) [25-41], 25.1353(a)(b) [25-42], 25.1357(a)(c) [25-00], 25.1431 (a)(b)(c) [25-00], 25.1501 [25-42], 25.1529 [25-54], 25.1581 [25-42], 25.1583(e) [25-46], 25.1585(a) [25-46].

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