

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

Number ST00784DE

This certificate, issued to

West Star Aviation, Inc.
796 Heritage Way
Grand Junction, CO 81506

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 Sheet 3 for complete certification basis)

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

Description of the Type Design Change:

Honeywell FMZ-2000 Flight Management System NZ 6.1 Upgrade and LPV Approach Capability in accordance with West Star Aviation, Inc. *Master Data List*, Document No. 0440312-001, Rev. B, dated Dec 01, 2014, 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. 0405312-001, Rev. I/R, dated October 04, 2013, accepted by the FAA on November 19, 2014; or later FAA accepted revision.
3. 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.
4. A copy of this certificate must be maintained as part of the permanent records for the modified aircraft.

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: September 16, 2013

Date reissued:

Date of issuance: January 30, 2015

Date amended:

By direction of the Administrator



Todd Dixon (Signature)
Northwest Mountain Regional Manager
Denver Aircraft Certification Office

(Title)

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(Continuation Sheet 3)
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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 Dassault Aviation Mystere-Falcon 900 aircraft with Honeywell FMZ-2000 Flight Management System NZ 6.1 Upgrade and LPV Approach Capability are as follows:

- a. The type certification basis for the Dassault Aviation Mystere-Falcon 900 airplanes is shown on TCDS A46EU for parts not changed or not affected by this change.

The certification basis for the parts affected by this change since the reference date of application, Sep 16, 2013, is also shown on TCDS A46EU. 5708-118

- b. 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 amendment level shown on TCDS A46EU for Model Mystere-Falcon 900

25.29, 25.301(a), 25.303, 25.305, 25.307, 25.561, 25.581, 25.601, 25.603, 25.605(a), 25.607, 25.609, 25.611, 25.613, 25.619, 25.625(a)(b)(c), 25.1301, 25.1309, 25.1322, 25.1351(a)(1), 25.1381, 25.1501, 25.1529, 25.1541, 25.1581, 25.1585(a).

Regulations at an intermediate amendment level

25.869(a) Amendment 25-72; 25.1431 Amendment 25-113; 25.1353(a)(c), 25.1357(a)(c)(d)(f) Amendment 25-123.

Note:

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

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