



United States of America  
Department of Transportation  
Federal Aviation Administration

# Supplemental Type Certificate

Number: ST01774WI

This certificate issued to: Dassault Falcon Jet Corporation  
Teterboro Airport, 200 Riser Road  
Little Neck, NJ 07643

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 (\* See Page 3)

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

Description of Type Design Change:

Upgrade of a Honeywell Traffic Alert and Collision Avoidance System (TCAS II) CAS-81 to a Honeywell Collision Avoidance System CAS-100 (TCAS II Version 7.1) in accordance with (1) Master Document List, Duncan Aviation Doc. No. CERTDOC-0000001824, Revision A, dated February 9, 2015, (2) Airplane Flight Manual Supplement, Duncan Aviation Doc. No. EDOC-0000017415, Rev. A, dated February 9, 2015, or later FAA approved revisions to (1) or (2).

Limitations and Conditions:

The installer must determine whether this design change is compatible with previously approved modifications. 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.

(Limitations and Conditions continued 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: August 19, 2014

Date Reissued: March 11, 2015

Date of Issuance: February 9, 2015

Date Amended:

*By Direction of the Administrator*

Signature \_\_\_\_\_

Title Grant E. Youngdahl  
Program Manager  
Wichita Aircraft Certification Office

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*

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: ST01774WI*

**To** (Name and address of transferee)

**From** (Name and address of grantor)

Extent of Authority (if licensing agreement):

*Date of transfer:*

*Signature of grantor:* \_\_\_\_\_

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# Supplemental Type Certificate

(Continuation Sheet)

Number: ST01774WI

Date of Issuance: February 9, 2015

Date Reissued: March 11, 2015

## Limitations and Conditions:

This design change requires previous installation of Honeywell CAS-81 via Dassault Aviation STC SA7306SW-D "Installation of the Bendix/King Traffic Alert and Collision Avoidance System (TCAS)" and is applicable to Dassault Aviation Mystere-Falcon 900 airplanes, serial numbers 001 through 178 without Dassault Mod M2695.

Instructions for Continued Airworthiness, Duncan Aviation Doc. No. EDOC-0000017416 Rev. B, dated February 9, 2015,

## Certification Basis:

In addition to the 14 CFR Part 25 requirements as shown in TCDS A46EU, the applicant has voluntarily complied with the Sections of 14 Code of Federal Regulations, Part 25, effective February 1, 1965, as amended by the Amendments stated:

14 CFR 25.1316(a)(b)(c), Amendment 25-80

14 CFR 25.1317(b)(c)(d), Amendment 25-122

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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).