

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

Number ST01929AT-D

This certificate, issued to TIMCO
623 Radar Road
Greensboro, NC 27410

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: A13NM
Make: de Havilland
Model: DHC-8-100/-200/-300

Description of Type Design Change: Installation Of Flight Data Recorder Expanded Parameters with a Plessey(BAE Systems) FDAU In Accordance With Timco Master Data List 99T037L001 Rev. L Dated August 8, 2001 Or Later FAA Approved Revision.

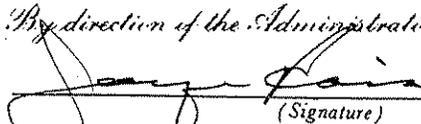
Limitations and Conditions: This approval should not be extended to other aircraft of this model on which other previously approved modifications are incorporated unless it is determined by the installer that the interrelationship between this change and any of those other previously approved modifications will produce no adverse effect upon the airworthiness of that airplane. 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.

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: June 1, 1999
Date of issuance: January 21, 2000

Date issued:
Date unrevoked: March 2, 2001, August 8, 2001



By direction of the Administrator

Jacques Raia
DAS Administrator DAS-100214-CE
(Title)

Any alteration of this certificate is punishable by a fine of not exceeding \$1,000, or imprisonment not exceeding 3 years, or both.

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

Number ST01929AT-D

This certificate, issued to TIMCO
623 Radar Road
Greensboro, NC 27410

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: A13NM
Make: de Havilland
Model: DHC-8-100/-200/-300

Description of Type Design Change: Installation Of Flight Data Recorder Expanded Parameters with a Plessey(BAE Systems) FDAU In Accordance With Timco Master Data List 99T037L001 Rev. J Dated February 27, 2001 Or Later FAA Approved Revision.

"OBSOLETE"

Limitations and Conditions: This approval should not be extended to other aircraft of this model on which other previously approved modifications are incorporated unless it is determined by the installer that the interrelationship between this change and any of those other previously approved modifications will produce no adverse effect upon the airworthiness of that airplane. 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.

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: June 1, 1999

Date issued:

Date of issuance: January 21, 2000

Date amended: March 2, 2001



By direction of the Administrator

Jacques Raia
(Signature)
Jacques Raia
DAS Coordinator DAS 5 SO

(Title)

Any alteration of this certificate is punishable by a fine of not exceeding \$1,000, or imprisonment not exceeding 3 years, or both.

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

Number ST01929AT-D

This certificate, issued to TIMCO
623 Radar Road
Greensboro, NC 27410

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: A13NM
Make: de Havilland
Model: DHC-8 -100/200

Description of Type Design Change: Installation Of Flight Data Recorder Expanded Parameters with a Plessey FDAU in accordance with Timco Master Data List 99T037L001 Rev. C dated January 20, 2000 Or Later FAA Approved Revision.

"OBSOLETE"

Limitations and Conditions: This approval should not be extended to other aircraft of this model on which other previously approved modifications are incorporated unless it is determined by the installer that the interrelationship between this change and any of those other previously approved modifications will produce no adverse effect upon the airworthiness of that airplane. 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.

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: June 1, 1999

Date reissued:

Date of issuance: January 21, 2000

Date amended:



By direction of the Administrator

Jacques Raia (Signature)
DAS Coordinator DAS 5 SO

(Title)

Any alteration of this certificate is punishable by a fine of not exceeding \$1,000, or imprisonment not exceeding 3 years, or both.