

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

mNumber ST02173CH

This certificate issued to

Mayday Avionics
5500 44th Street, SE
Grand Rapids, MI 49512-8316

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:

A3EU

Make:

Raytheon

Model:

BAe.125 Series 800A

BAe.125 Series 800B

Hawker 800

Hawker 800XP

Description of Type Design Change:

Upgrade of a Honeywell Mark VII Enhanced Ground Proximity Warning System to add the Runway Awareness Advisory System (RAAS) in accordance with Mayday Avionics Master Data List H800-3442-0001-01, Rev. A, dated July 29, 2005, or later FAA approved revision.

Limitations and Conditions:

1. Compatibility of this design change with previously approved modifications must be determined by the installer.
2. FAA Approved Flight Manual Supplements, Mayday Avionics Document H800-3442-0001-100, Revision -, dated August 1, 2005 or later FAA approved revision and Mayday Avionics Document H800-3442-0001-101, Revision -, dated August 1, 2005 or later FAA approved revision are a required part of this STC.
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.

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: February 8, 2005

Date reissued:

Date of issuance: August 1, 2005

By direction of the Administrator



(Signature)

Charles L. Smalley, Manager
Systems and Flight Test Branch
Chicago Aircraft Certification Office

(Title)

United States of America
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Supplemental Type Certificate
(Continuation Sheet)

Number ST02173CH

Date of Issuance: August 1, 2005

Certification Basis (continued)

The certification basis for the Raytheon aircraft models identified on page 1 of this certificate is as follows:

- a. The type certification basis for the Raytheon aircraft models identified on Page 1 of this certificate is shown on TCDS A3EU for parts not changed or not affected by this change.
- b. The type certification basis for the parts changed or affected by this change since the reference date of application, February 08, 2005, is shown on TCDS A3EU. Additionally, the applicant has voluntarily complied with 14 CFR Part 25 as amended by Amendment 25-117.

Applicable Regulations at the latest amendment 25-0 through 25-117

25.1301(a), (b), (c), (d); 25.1309(a), (b), (c), (d), (e), (f), (g); 25.1322(a), (b), (c); 25.1353(a), (b); 25.1357(a), (c); 25.1431(a), (c), (d); 25.1501(a), (b); 25.1529; 25.1581(a), (b), (d); 1585(a), (b).

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