United States Of America
Department of Transportation - Federal Aviation Administration

# Supplemental Type Certificate

*Number* **ST10432SC**

*This Certificate issued to* Raytheon Aircraft Company
an Arkansas Corporation
2400 David Grundfest Drive
Little Rock, AR 72206

*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* 4b *of the* Civil Air *Regulations.*

*Original Product Type Certificate Number :* A3EU

*Make :* Raytheon Aircraft Company

*Model :* Hawker 800XP; Hawker 850XP

*Description of Type Design Change:*
Installation of Mark V Enhance Ground Proximity Warning System (EGPWS):

- Without Runway Awareness Advisory System (RAAS) (-101 Installation)
- With RAAS, without inhibit switch (-103 Installation)
- With RAAS, with inhibit switch (-105 Installation)

in accordance with Raytheon Aircraft Company STC Master Drawing List No. 800-514, Rev. C, dated 7/11/2005, or later FAA approved revision. Installations with RAAS (–103 and –105) require use of FAA approved Airplane Flight
(See continuation sheet 3 of 3)

*Limitations and Conditions:* This STC is limited to the following Hawker 800XP/Hawker 850XP aircraft: S/N's 258541, 258556, 258567 through 258609, 258611 through 258628, 258630 through 258684, 258686 and subsequent. Compatibility of this design change with previously approved modifications must be determined by the installer.
(See continuation sheet 3 of 3)

*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 :* April 14, 2005

*Date of issuance :* August 03, 2005

*Date reissued :*

*Date amended :* June 29, 2006, Rev. 1

*By direction of the Administrator*

(*Signature*)
S. Frances Cox
Manager, Special Certification Office
Southwest Region

(*Title*)

*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 in accordance with FAR 21.47.*

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# Supplemental Type Certificate

## (Continuation Sheet)

*Number* **ST10432SC**

Date of Issuance: August 03, 2005
Date Amended: June 29, 2006

*Description of Type Design Change* (Continued):

Manual Supplement, Raytheon Aircraft Company No. 800-329, Rev. R1, dated June 6, 2005, or later FAA approved revision. Note an AFMS is not needed for the –101 installation, because the aircraft's basic AFM is still applicable for EGPWS and there is no RAAS.

*Limitations and Conditions* (Continued):

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.

*Certification Basis*:

The certification basis of this STC is:

**CAR 4b**

| | | |
|---|---|---|
| 4b.18 | 4b.305 | 4b.730 |
| 4b.104 | 4b.307 (c) | 4b.737 |
| 4b.230 | 4b.350 (a),(c) | |
| 4b.303 | 4b.600 | |

**FAR 25, Amendment In Square Brackets**

| | | |
|---|---|---|
| 25.301 (a),(b) [25-23] | 25.561 [25-91] | 25.1309 [25-41] |
| 25.303 [25-23] | 25.601 | 25.1322 [25-38] |
| 25.305 (a),(b) [25-86] | 25.603 [25-46] | 25.1351 (a) [25-72] |
| 25.307 (a) [25-72] | 25.605 (a) [25-46] | 25.1353 (a) [25-42] |
| 25.321 [25-86] | 25.609 (a) | 25.1357 (a) |
| 25.331 [25-91] | 25.613 (a) [25-72] | 25.1381 [25-72] |
| 25.333 [25-86] | 25.615 (a) [25-23] | 25.1431 (a),(c) |
| 25.337 [25-23] | 25.773 (a)(2) [25-72] | 25.1529 [25-54] |
| 25.341 | 25.853 (a) [25-83] | 25.1581 [25-72] |
| 25.345 [25-91] | 25.869 (a)(4) [25-73] | 25.1585 (a),(b) [25-72] |
| 25.349 [25-94] | 25.981 [25-102] | |
| 25.351 [25-91] | 25.1301 | |

- End -