

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

Number SA00748DE

This certificate, issued to

Hawker Beechcraft Services
1980 Airport Road
Wichita, KS 67209

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 23 of the Federal Aviation Regulations.*

**(It was determined that there is no acoustical change in accordance with § 21.93(b)(3)(iii) as a result of this modification)*

Original Product—Type Certificate Number: A24CE
Make: Hawker Beechcraft Corporation
Model: 1900D

Description of the Type Design Change:

Installation of the Rockwell Collins IDS-3000 system with new Primary Flight Displays, Multi-Function Display, Display Control Panels, Audio Panels, and Engine Instrumentation. The installation also includes Integrated File Server System capability, XM Satellite Graphical Weather, Turbulence Weather Radar, WAAS/LPV capable GPS Receivers and standby instrument package.

Data required includes:

- 1.) Hawker Beechcraft Services, Master Data List (MDL) 014-3110-L01-00, Revision 4.0, Dated: 09/17/2012 or later FAA approved revisions.

(See continuation sheet 3 of 3)

Limitations and Conditions:

1. Compatibility of this design change with previously approved modifications must be determined by installer.
2. Installation of Rockwell Collins APS-65 Autopilot system must have been previously accomplished.
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 permission.
4. A copy of this certificate and the ICA shall be maintained in the airplane permanent records.
5. Approval of this change in type design applies to the above model of airplane only.
- 6.

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, 2010

Date reissued:

Date of issuance: October 5, 2012

Date amended:



By direction of the Administrator

John May (Signature)
ODA Administrator
ODA 636304-NM, ARINC Aerospace

(Title)

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

Supplemental Type Certificate

(Continuation Sheet)

Number SA00748DE

(Date of Issuance: October 5, 2012)

Description of the Type Design Change:

Data required includes:

- 2) Hawker Beechcraft Services, Aircraft Flight Manual Supplement (AFMS) 014-3110-A01-00, Revision 3.0, Dated: 09/17/2012 or later FAA approved revisions, Hawker Beechcraft Services, Aircraft Flight Manual Supplement (AFMS) 014-3110-A02-00, Revision 2.0, Dated: 09/17/2012 or later FAA approved revisions, Hawker Beechcraft Services, Aircraft Flight Manual Supplement (AFMS) 014-3110-A03-00, Revision 1.0, Dated: 09/17/2012 or later FAA approved revisions, Hawker Beechcraft Services, Aircraft Flight Manual Supplement (AFMS) 014-3110-A04-00, Revision 1.0, Dated: 09/17/2012 or later FAA approved revisions.
- 3) Hawker Beechcraft Services, Instructions for Continued Airworthiness (ICA) 014-3110-C01-00, Revision 10.0, Dated: 05/10/2012 or later FAA accepted revisions, Hawker Beechcraft Services, Instructions for Continued Airworthiness (ICA) 014-3110-C02-00, Revision 7.0, Dated: 05/10/2012 or later FAA accepted revisions, Hawker Beechcraft Services, Instructions for Continued Airworthiness (ICA) 014-3110-C03-00, Revision 6.0, Dated: 05/10/2012 or later FAA accepted revisions, Hawker Beechcraft Services, Instructions for Continued Airworthiness (ICA) 014-3110-C04-00, Revision 6.0, Dated: 05/10/2012 or later FAA accepted revisions.

Certification Basis:

Based on 14 CFR §21.115 and § 21.101, and the FAA policy for significant changes in FAA Order 8110-48, the certification basis for the Hawker Beechcraft Corporation Model 1900D IDS-3000 Cockpit Upgrade is as follows:

- a. The type certification basis for Hawker Beechcraft Corporation 1900D is shown on A24CE for parts **not changed or not affected** by the change.
- b. The certification basis for parts **changed or affected** by the change since the reference date of the application, 04/14/2010, is based upon part 23 as amended by Amendment 23-57. Based on 14 CFR §21.115 and §21.101, and the FAA policy for significant changes in the FAA Order 8110.48, the certification basis for this modification was determined to be:

Regulations at the latest amendment 23-0 through 23-62

23.29 [Amdt 23-21], 23.301(a)(b) [Amdt 23-48], 23.303 [Amdt Original], 23.305(a)(b) [Amdt 23-45], 23.307 [Amdt Original], 23.573(b) [Amdt 23-48], 23.574(a) [Amdt 23-48], 23.575 [Amdt 23-48], 23.601 [Amdt Original], 23.603 [Amdt 23-23], 23.605(a) [Amdt 23-23], 23.607 [Amdt 23-48], 23.609 [Amdt Original], 23.611 [Amdt 23-48], 23.613 [Amdt 23-45], 23.625 [Amdt 23-7], 23.627 [Amdt Original], 23.771(a) [Amdt 23-14], 23.773(a)(2) [Amdt 23-45], 23.863 [Amdt 23-34], 23.867 [Amdt 23-49], 23.1305(a)(2)(3)(4)(c)(2)(5)(e) [Amdt 23-52], 23.1307 [Amdt 23-49], 23.1308 [Amdt 23-57], 23.1321 (a)(b)(c)(d)(5)(e) [Amdt 23-49], 23.1322 [Amdt 23-43], 23.1325 (b)(1)(2)(ii) [Amdt 23-50], 23.1327 [Amdt 23-20], 23.1329(f)(g)(h) [Amdt 23-49], 23.1335 [Amdt 23-20], 23.1351(a)(2)(ii)(b) [Amdt 23-49], 23.1357(a)(b)(c)(d) [Amdt 23-43], 23.1359(a)(c) [Amdt 23-49], 23.1365(a)(b)(d)(e) [Amdt 23-49], 23.1367 [Amdt Original], 23.1381 [Amdt Original], 23.1441(a)(b)(c) [Amdt 23-43], 23.1501 [Amdt 23-21], 23.1519 [Amdt Original], 23.1529 [Amdt 23-26], 23.1541(a)(b) [Amdt 23-21], 23.1543(c) [Amdt 23-50], 23.1549(a)(b)(c) [Amdt 23-45], 23.1581(a) [Amdt 23-50],

Regulations at an intermediate amendment

23.777(a)(b) [Amdt 23-51], 23.1303 (a)(b)(c)(e)(f)(g) [Amdt 23-49], 23.1309 (a)(1)(3)(4)(b)(c)(e) [Amdt 23-49], 23.1311 [Amdt 23-49], 23.1331 [Amdt 23-43], 23.1353 (a)(b)(c)(d)(e)(h) [Amdt 23-49], 23.1431(a)(b) [Amdt 23-49], 23.1545(a)(b)(c) [Amdt 23-50], 23.1555(a) [Amdt 23-50], 23.1583(h) [Amdt 23-50], 23.1585(j) [Amdt 23-50]

Regulation at the amendment level in TCDS A24CE

23.1301 [Amdt 23-20]

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