

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

Number ST02841CH

This certificate issued to Snaky Creek Enterprises, LLC
dba Spectrum Aeromed
1815 23rd Avenue North
Fargo, ND 58102

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 Type Certificate Data Sheet No. A49EU and Page 3 for complete certification basis)

Original Product - Type Certificate Number : A49EU
Make : BAE Systems (Operations) Limit
Model : Avro 146-RJ100A; Avro 146-RJ70A

Description of Type Design Change:

Install air ambulance conversion in accordance with Spectrum Aeromed Inc. Master Drawing List 6052DL, Revision 1, dated May 3, 2010, or later FAA approved revisions.

Limitations and Conditions:

1. FAA Approved Aircraft Flight Manual Supplement, 6052FMS, dated May 25, 2010, or later FAA approved revision is required.
2. FAA Accepted Instructions for Continued Airworthiness, Manual 6052MM, No Revision, dated October 26, 2009, or later FAA accepted revision is required for this modification.
3. The installer must determine whether this design change is compatible with previously approved modifications.
4. 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.

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 : December 29, 2009

Date reissued :

Date of issuance : May 25, 2010

Date amended :



By direction of the Administrator

Original signed by:
Gregory J. Michalik

(Signature)

Gregory J. Michalik, Senior Aerospace Engineer
Airframe & Administrative Branch
Chicago Aircraft Certification Office

(Title)

United States of America
Department of Transportation - Federal Aviation Administration

Supplemental Type Certificate
(Continuation Sheet)

Number

United States of America
Department of Transportation - Federal Aviation Administration
Supplemental Type Certificate
(Continuation Sheet)

Number ST02841CH

Date of Issuance: May 25, 2010

Certification Basis: (continued)

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 modified BAE Systems Limited Models Avro 146-RJ70A and Avro 146-RJ100A is as follows:

- a. The type certification basis for the BAE Systems Limited Models Avro 146-RJ70A and Avro 146-RJ100A aircraft is shown on TCDS A49EU for parts not changed or not affected by this change.
- b. The certification basis for the parts changed or affected by this change since the reference date of application, December 29, 2009, is based upon part 25 as amended by Amendment 25-129 and 14 CFR part 26.

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 this modification was determined to be:

Regulations at the latest amendment 25-0 through 25-129

14 CFR §§ 25.29, 25.301, 25.303, 25.305, 25.307, 25.337, 25.341, 25.561, 25.603, 25.605, 25.607, 25.609, 25.611, 25.613, 25.619, 25.625, 25.777, 25.785, 25.787, 25.791, 25.807, 25.813, 25.815, 25.851, 25.853, 25.1301, 25.1307, 25.1309, 25.1351, 25.1353, 25.1357, 25.1360, 25.1365, 25.1411, 25.1415, 25.1441, 25.1453, 25.1523, 25.1525, 25.1529, 25.1561, 25.1581, 25.1583, 25.1585, 25.1709, 25.1711, 25.1713, 25.1715, 25.1717, 25.1719, 25.1729

14 CFR Part 26 regulations

Based on 14 CFR § 21.101(g), applicable provisions of 14 CFR part 26 are included in the certification basis. For any future 14 CFR part 26 amendments, the holder of this STC must demonstrate compliance with the applicable sections. As of issuance date of this STC, compliance has been found for the following regulations 14 CFR § 26.11(c), 26.47 (Amdt. No. 26-0 through 26-3).

--END--