



United States of America
Department of Transportation
Federal Aviation Administration

Supplemental Type Certificate

Number: ST02883NY-D

This certificate issued to: Sierra Industries, LLC
122 Howard Langford Drive
Uvalde, TX 78801
Attn: Ernest King III

certifies that the change in the type design for the following product with the limitations and conditions therefore as specified hereon meets the airworthiness requirements of Part 25 of the Federal Aviation Regulations.

Original Product – Type Certificate Number:
A16SW

Make: Hawker Beechcraft Corporation
Model: 400A BeechJet

Description of Type Design Change:

1. Installation of Rockwell Collins Pro Line 21 in accordance with Delta Engineering Master Data List 0128-07415-2273 Revision E dated Feb. 25, 2012 or later FAA approved revisions to Delta Engineering Master Data List previously listed.
2. The Instructions for Continued Airworthiness and Airplane Flight Manual Supplement as listed on Master Data List is required for this installation.

Limitations and Conditions:

1. The installer must determine whether this design change is compatible with previously approved modifications.
2. 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.
3. Operational approval or qualification for Reduced Vertical Separation Minimum (RVSM) is not affected by this FAA STC when upgrading from Pro Line 4 to Pro Line 21.

(See Limitations and Conditions continued on Page 3 of 3)

This certificate and the supporting data which is the basis for approval shall remain in effect until surrendered, suspended, and revoked or a termination date is otherwise established by the Administrator of the Federal Aviation Administration.

Date of Application: May 10, 2011

Date Reissued: March 14, 2016
August 22, 2016

Date of Issuance: September 28, 2011

Date Amended: June 21, 2012

By Direction of the Administrator

Signature _____

Title Steven L. Lardinois
Manager, Systems and Flight Test Branch
Chicago Aircraft Certification Office

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 or made available to third persons by licensing agreements in accordance with 14 CFR 21.47. Possession of this Supplemental Type Certificate (STC) document by persons other than the STC holder does not constitute rights to the design data nor to alter an aircraft, aircraft engine, or propeller. The STC's supporting documentation (drawings, instructions, specifications, flight manual supplements, etc.) is the property of the STC holder. An STC holder who allows a person to use the STC to alter an aircraft, aircraft engine, or propeller must provide that person with written permission acceptable to the FAA. (Ref. 14 CFR 21.120).



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INSTRUCTIONS: The transfer endorsement below may be used to notify the appropriate FAA Aircraft Certification Office of the transfer of this Supplemental Type Certificate. The FAA will reissue the certificate in the name of the transferee and forward it to him.

Transfer Endorsement

Transfer the ownership of Supplemental Type Certificate Number: ST02883NY-D

To (Name and address of transferee)

From (Name and address of grantor)

Extent of Authority (if licensing agreement):

Date of transfer:

Signature of grantor: _____

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Supplemental Type Certificate

(Continuation Sheet)

Number: ST02883NY-D

Date Reissued: August 22, 2016

Limitations and Conditions (continued):

4. Rockwell Collins Service Bulletins 523-0816905-001000, 523-0817954-301000 and 523-0818899-001000 are required for this installation; the Service Bulletins are not approved by this STC.
5. When upgrading to Luma Technologies Annunciator Panel LT-4010-025 per this STC the aircraft must be equipped with a lead acid battery that does not require a battery overheat annunciation. Additionally, Raytheon Service Bulletin 30-2600 is required; the Service Bulletin is not approved by this STC.

Certification Basis:

Based on 14 CFR §§ 21.115 and 21.101, and the FAA policy for significant changes in FAA Order 8110.48, this STC is a non-significant change. The certification basis for un-changed or not affected areas by this STC remains unchanged by this STC and the certification basis for the 400A with this STC is as follows:

- a. FAA Special Condition 25-ANM-32 and 25-ANM-33 are applicable.
- b. The following regulations for CFR Part 25 at later amendment than the TCDS all other regulations at certification basis defined in the TCDS:

Section	Title	At Amendment
25.831	Ventilation	25-89
25.853	Compartment interiors	25-116
25.869	Fire protection: systems	25-113
25.981	Fuel tank ignition prevention	25-102
25.1303	Flight and navigation instruments	25-90
25.1305	Powerplant instruments	25-115
25.1307	Miscellaneous equipment	25-72
25.1309	Equipment, systems, and installations	25-41
25.1316	System lightning protection	25-80
25.1317	HIRF	25-122
25.1321	Arrangement and visibility	25-41
25.1323	Airspeed indicating system	25-109
25.1325	Static pressure systems	25-108
25.1329	Automatic pilot system	25-119
25.1331	Instruments using a power supply	25-41
25.1333	Instrument systems	25-41
25.1351	General	25-72
25.1353	Electrical equipment and installations	25-113
25.1381	Instrument lights	25-72
25.1431	Electronic equipment	25-113
25.1501	General	25-42
25.1581	General	25-72
25.1583	Operating limitations	25-105
25.1585	Operating procedures	25-105

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