



United States of America  
Department of Transportation  
Federal Aviation Administration

# Supplemental Type Certificate

Number: ST00361BO

This certificate issued to: Pro Star Aviation, LLC  
5 Industrial Drive  
Londonderry, NH 03053

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: \*\*      Make: \*\* Refer to attached Approved Model List (AML).  
Model: Pro Star Aviation document number 21378-AML-101, revision C, dated 22 June 2016, or later FAA approved revision for a list of approved aircraft models, installation data requirements, and specific limitations.

Description of Type Design Change:  
Installation of a Honeywell Primus II (XS-852) ADS-B Out System in accordance with Pro Star Aviation Installation Data List, document number 21378-IDL-101, revision IR, dated 16 June 2016, or later FAA approved revision as listed on the attached FAA Approved Model List.

- Limitations and Conditions:
1. 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.
  2. A copy of this certificate and the attached FAA Approved Model List must be maintained as part of the modified aircraft's permanent records.
  3. The installer must determine that the interrelationship between this installation and any previously approved modifications will not introduce any adverse effect upon the airworthiness of the aircraft.

(See Continuation 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: 05 November 2015

Date reissued:

Date of issuance: 21 July 2016

Date amended:

*By direction of the Administrator*

Douglas M. England  
Signature \_\_\_\_\_

Title

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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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*Supplemental Type Certificate*

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: ST00361BO*

**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: ST00361BO

**Limitations and Conditions, continued:**

- 4. Operation must be in accordance with the Airplane Flight Manual Supplement (AFMS) listed on the attached Approved Model List. The AFMS must be carried in the aircraft during all flights.
- 5. Maintenance is to be performed in accordance with the following Instructions for Continued Airworthiness (ICA) and the ICA must be made available to the operator at the time of installation.
  - 'Configuration 1' - Pro Star Aviation document number 21378-ICA-101, revision B, dated 12 February 2016, or later FAA accepted revision.
  - 'Configuration 2' - Pro Star Aviation document number 21378-ICA-102, revision B, dated 12 February 2016, or later FAA accepted revision.
  - 'Configuration 3' - Pro Star Aviation document number 21378-ICA-103, revision B, dated 12 February 2016, or later FAA accepted revision.
- 6. Installation requires prior FAA approved installations of the equipment defined in the Prerequisite Information Section of Pro Star Aviation Installation Data List, document number 21378-IDL-101, revision IR, dated 16 June 2016, or later FAA approved revision.

**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 installation of the Honeywell Primus II (XS-852) ADS-B Out System in the aircraft defined by FAA Approved Model List, Pro Star Aviation document number 21378-AML-101, is as follows:

- a. The type certification basis for all the models listed in FAA Approved Model List, Pro Star Aviation document number 21378-AML-101, is identified in the applicable TCDS as listed in the AML 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 application, 05 November 2015, is based upon Part 25 as amended by Amendment 25-97. 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 amendment level:**

14 CFR §§ 25.29(a)(b) [Amdt 25-72], 25.301(a)(b) [Amdt 25-23], 25.303 [Amdt 25-23], 25.305(a)(b) [Amdt 25-86], 25.307(a) [Amdt 25-72], 25.561(a)(c)(d) [Amdt 25-91], 25.601 [Amdt 25-0], 25.603(a)(b)(c) [Amdt 25-46], 25.605(a) [Amdt 25-46], 25.607(a)(b)(c) [Amdt 25-23], 25.609(a)(b) [Amdt 25-0], 25.611 [Amdt 25-23], 25.613(a)(b)(c) [Amdt 25-72], 25.619(a)(b)(c) [Amdt 25-23], 25.625(a) [Amdt 25-72], 25.773(a) [Amdt 25-72], 25.789(a) [Amdt 25-46], 25.853(a) [Amdt 25-83], 25.869(a(4)) [Amdt 25-72], 25.1301(a)(b)(c)(d) [Amdt 25-0], 25.1309(b)(c)(d)(g) [Amdt 25-41], 25.1321(a)(e) [Amdt 25-41], 25.1322(b) [Amdt 25-38], 25.1353(a)(b) [Amdt 25-42], 25.1381(a)(b) [Amdt 25-72], 25.1431(a)(b)(c) [Amdt 25-0], 25.1529 [Amdt 25-54], 25.1543(b) [Amdt 25-72], 25.1581(a)(b)(d) [Amdt 25-72], 25.1583(e) [Amdt 25-72], H25.1 [Amdt 25-68], H25.2 [Amdt 25-54], H25.3 [Amdt 25-54], and H25.4 [Amdt 25-54].

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