

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

*Number* ST03996CH

*This certificate issued to*  
Pentastar Aviation, LLC.  
7002 Highland Road  
Waterford, MI 48327

*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.*

*Original Product - Type Certificate Number:*

*Make:*  
*Model:*

\* See attached FAA Approved Model List (AML) No. ST03996CH for list of approved airplane models and applicable airworthiness regulations.

*Description of Type Design Change:*

Installation of Satcom Direct Router (SDR) for the use of High Speed data for acceleration of WiFi access in accordance with Pentastar Aviation Engineering Report as listed on "Approved Model List" (AML) No. ST03996CH or later FAA approved revision.

*Limitations and Conditions:*

- 1) The installer must determine whether this design change is Compatible with previously approved modifications.
- 2) A copy of this certificate and FAA Approved Model List (AML) No ST03996CH issued on November 14, 2014, or later FAA approved revision, must be maintained as part of the permanent records for the modified aircraft.
- 3) FAA Approved Airplane Flight Manual Supplement as listed on FAA AML No. ST03996CH or later FAA approved revision, is required on board the modified aircraft.
- 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:* February 10, 2014

*Date reissued:*

*Date of issuance:* November 14, 2014

*Date amended:*



*By direction of the Administrator*

(Signature)

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

(Title)

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