

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

*Number* SA02773CH

*This certificate issued to* Aviation Products Systems, Inc.  
3701 Hwy. 162  
Granite City, IL 62040

*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.*

*Original Product-Type Certificate Number:* 5A3  
*Make:* Hawker Beechcraft  
*Model:* 45(YT-34), A45(T-34A), D45(T-34B)

*Description of Type Design Change:*

Installation of Teledyne Continental Motors Model IO-550-R engine and Hartzell Propeller (P)HC-C3YF-1RF/F8468A-6R or (P)HC-C3YF-1RF/F8068 propeller in accordance with Installation Instructions T34-550-05 Revision C, dated February 17, 2010 or later FAA approved revision.

*Limitations and Conditions:*

1. If the holder of this certificate agrees to permit another person to use this certificate to alter another aircraft, the holder shall give that person written evidence of that permission.
2. Compatibility of this design change with previously approved modifications must be determined by the installer.
3. The approved Hawker Beechcraft models shall be maintained in accordance with Report T34-550-10, Rev. F Instructions for Continued Airworthiness, dated February 17, 2010 or later FAA accepted revision.
4. Airplane Flight Manual Supplement T34-550-13 dated December 14, 2009 or later FAA approved revision is required as part of this installation.

*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:* September 3, 2004

*Date reissued:*

*Date of issuance:* February 23, 2010

*Date amended:*

*By direction of the Administrator*



(Signature)

Thaddeus D. Krolicki, Jr.  
Manager, Propulsion Branch  
Chicago Aircraft Certification Office

(Title)

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