

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

*Number* ST01378WI

*This certificate issued to*

Kohlman Systems Research, Inc.  
319 Perry Street  
Lawrence, KS 66044

*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 4b of the Civil Air Regulations.*

*Original Product--Type Certificate Number:* A3EU

*Make:* Raytheon Aircraft Company  
*Model:* HS.125 Series 600A

*Description of Type Design Change:*

Reduced Vertical Separation Minimum (RVSM) non-group airworthiness approval of specific Raytheon Aircraft Company Model HS.125 Series 600A aircraft in accordance with Kohlman Systems Research (KSR) Master Drawing List, Drawing No. MDL1024, Rev. "OR", dated December 2, 2005, or later FAA approved revision.

*Limitations and Conditions:*

1. This approval is limited to specifically identified Raytheon Aircraft Company Model HS.125 Series 600A aircraft (see attached Approved Model List (AML) No. ST01378WI). Descriptive data pertaining to this design change are considered inadequate for duplication on other products.
2. This STC does not approve any equipment or software modifications. Independent approval and incorporation of a prerequisite dual Air Data Computer system installation is required (see attached AML No. ST01378WI).
3. An FAA Approved Airplane Flight Manual Supplement (see attached AML No. ST01378WI) is required to be on board during operation of the aircraft in RVSM airspace.
4. Compatibility of this design change with previously approved modifications must be determined by the installer.
5. If the holder agrees to permit another person to use this certificate, the holder shall give the other person written evidence of the permission.
6. A copy of this certificate must be maintained as part of the permanent records of the aircraft.

*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:* November 12, 2004

*Date reissued:*

*Date of issuance:* February 17, 2006

*Date amended:*

*By direction of the Administrator*



(Signature)

Harvey E. Nero  
FAA Program Manager  
Wichita 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.