

United States Of America  
Department of Transportation - Federal Aviation Administration  
**Supplemental Type Certificate**  
Project No. ST7876SC-T KC

*Number* ST10353SC

*This Certificate issued to* Pyka Aerospace Corp.  
11216 Disco  
San Antonio, TX 78216

*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:* A16SW  
*Make:* Raytheon Aircraft Company  
*Model:* 400

*Description of Type Design Change:* Installation of a TCAS II with dual Mode S Transponder system in accordance with Pyka MDL 1B05-DL-001-501 Rev. F dated November 17, 2004, or later FAA approved revision. Airplane Flight Manual Supplement 1B05-FM-001 Rev. IR dated November 05, 2004, or later FAA approved revision is required.

*Limitations and Conditions:* Compatibility of this design change with previously approved modifications must be determined by the installer. If the holder agrees to permit another person to use this certificate to alter the product, the holder shall give the other person written evidence of that permission.

(See continuation sheet)

*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:* June 10, 2004

*Date reissued:* May 24, 2005

*Date of issuance:* November 19, 2004

*Date amended:*



*By direction of the Administrator*

(Signature)

Fred Stellar  
Acting Manager, Special Certification Office  
Southwest Region

(Title)

United States Of America  
Department of Transportation - Federal Aviation Administration  
**Supplemental Type Certificate**  
(Continuation Sheet)

*Number* ST10353SC  
Date of Issuance: May 24, 2005

*Certification Basis:*

The certification basis for this installation is per Type Certificate Data Sheet A16SW, plus the following:

**Regulations that meet amendment 25-41**

25.305(a) & (b), 25.1309(a),(b),(c), 25.1321(a), 25.1331(a)(3)

**Regulations that meet amendment 25-42**

25.1501(b)

**Regulations that meet amendment 25-46**

25.603(a)& (b), 25.605(a)

**Regulations that meet amendment 25-54**

25.1529

**Regulations that meet amendment 25-72**

25.307(a), 25.625(a)(1)&(2), 1307(c), 1351(a), 25.1381(a),(b), 25.1581(a),(b)&(d)

**Regulations that meet amendment 25-86**

25.305(a) & (b), 25.321(a)

**Regulations that meet amendment 25-87**

25.365(a) & (d),

**Regulations that meet amendment 25-91**

25.561(b)(3), 25.561(c)

**Regulations that meet amendment 25-112**

25.613(a) & (b)

**Regulations that meet amendment 25-113**

25.1353(a), 25.1431(a),(c)