

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

*Number* SA00444WI-D

*This certificate issued to*  
Honeywell International Inc.  
23500 W. 105<sup>th</sup> Street  
Olathe, KS 66061

*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 3 of the Civil Air Regulations and additional requirements as specified in TCDS 2A13.*

*Original Product - Type Certificate Number:* 2A13  
*Make:* Piper  
*Model:* PA-28-181, Serial Numbers 2890206 through 2890231 and 2843001 and after.

*Description of Type Design Change:*  
Installation of the Bendix/King KAP 140 Automatic Flight Control System with optional KCS 55A Compass System.

REQUIRED DATA:  
(See Continuation Sheet)

*Limitations and Conditions:*

This approval should not be extended to other specific airplanes of this model on which other previously approved modifications are incorporated, unless it is determined that the interrelationship between this change and any of those other previously approved modifications will introduce no adverse effect upon the airworthiness of that airplane.

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.

*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:* 2-21-97

*Date reissued:* 2-28-00

*Date of issuance:* 3-21-97

*Date amended:* 1-5-98



*By direction of the Administrator*

*Chris Durkin*  
\_\_\_\_\_  
(Signature)

FOR Chris Durkin  
DAS Coordinator, DAS-500863-CE

\_\_\_\_\_  
(Title)

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

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(Continuation Sheet)

*Number* SA00444WI-D

*Description of Type Design Change: (continued)*

REQUIRED DATA:

KAP 140 Two Axis Flight Control System

1. Master Drawing List 159-08158-0001, Rev. 2, dated 3-18-97.
2. Airplane Flight Manual Supplement 006-00850-0000, Rev. 0, dated 3-21-97.

KAP 140 Single Axis Flight Control System

1. Master Drawing List 159-08158-0001, Rev. 4, dated 8-28-97.
2. Airplane Flight Manual Supplement 006-00850-0001, Rev. 0, dated 1-5-98.

Later FAA approved revision to the above listed data are incorporated without further revision to this Supplemental Type Certificate.

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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.

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This certificate may be transferred in accordance with FAR 21.47.