

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

Number SA00819WI-D

This certificate issued to Honeywell International Inc.
23500 W. 105th 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 23 of the Federal Aviation Regulations*

Original Product- -Type Certificate Number: 3A13
Make: Cessna
Model: 182S

Description of Type Design Change:

Installation of the Bendix/King KMD 150 MFD (Multi-Function Display) and optional L-3 WX 500 Stormscope.

REQUIRED DATA:

- A). For the KMD 150 MFD: 1. Master Drawing List 159-08242-0001, Rev. A, dated 9-20-99; and
2. Airplane Flight Manual Supplement 006-00869-0000, Rev. -, dated 10-1-99.

(Continued on Continuation Sheet)

Limitations and Conditions:

1. 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.

(Continued on Continuation Sheet)

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: July 20, 1999

Date reissued:

Date of issuance: October 1, 1999

Date amended: December 23, 1999,
October 15, 2004



By direction of the Administrator


(Signature)

Robert G. Murray
DAS Administrator, DAS-500863-CE

(Title)

INSTRUCTIONS: The transfer endorsement below may be used to notify the appropriate FAA Regional Office of the transfer of the Supplemental Type Certificate.

The FAA will reissue the certificate in the name of the transferee and forward it to him.

TRANSFER ENDORSEMENT

Transfer the ownership of Supplemental Type Certificate Number _____

To *(Name of transferee)* _____

(Address of transferee) _____

(Number and street)

(City, State, and ZIP code)

from *(Name of grantor) (Print or type)* _____

(Address of grantor) _____

(Number and street)

(City, State, and ZIP code)

Extent of Authority *(if licensing agreement)*: _____

Date of Transfer: _____

Signature of grantor *(In ink)*: _____

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Description of Type Design Change: (continued)

B). For the KMD 150 MFD with built-in VFR GPS: 1. Master Drawing List 159-08242-0001, Rev. B, dated 12-14-99; and 2. Airplane Flight Manual Supplement 006-00869-0000, Rev. A, dated 12-23-99 or Airplane Flight Manual Supplement 006-00869-0001, Rev. -, dated 12-23-99.

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

Limitations and Conditions: (continued)

2. The KLN 89, 89B and 94 GPS have been evaluated as a navigation input source for the KMD 150 Multi-Function Display and found to be compatible; the interface of these systems is approved.
3. The KMD 150 MFD has been evaluated for use under IFR when interfaced to an IFR qualified KLN 89B/94.
4. The KMD 150 MFD internal GPS has been evaluated for VFR navigation only.

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***Certification Basis:**

Based on 14 CFR §§ 21.115 and 21.101, and the FAA policy for significant changes in FAA Order 8110.48, the certification basis for this change is as follows:

- a. The certification basis for parts **not changed** or **not affected** by this change is shown on TCDS 3A13.
- b. The certification basis for parts changed or affected by this change since the date of application is determined to be:

Regulations at the latest amendment

Section	Amdt.	Section	Amdt.
23.301 All	23-48	23.1301 All	23-20
23.303	23-0	23.1309 a (1) (2), b(1)	23-49
23.305	23-45	23.1321 a, c, e	23-49
23.307	23-0	23.1322 All	23-43
23.337	23-48	23.1331 a	23-43
23.561 e	23-48	23.1351 a, b1	23-49
23.601	23-0	23.1357 a, c	23-43
23.603 All	23-23	23.1365 a, b, c	23-49
23.605 a	23-23	23.1367	23-0
23.607	23-48	23.1431 a, b	23-49
23.609 All	23-0	23.1501	23-21
23.613 All	23-45	23.1529	23-26
23.627	23-0	23.1541 a2, b	23-21
23.777 (a), (b)	23-51		

Regulations at an intermediate amendment

none

Regulations at the amendment level shown on TCDS

none