

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

*Number* SA00241WI-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 2A3.*

*Original Product - Type Certificate Number:*

2A3

*Make:*

Mooney

*Model:*

M20J, M20K, M20L, M20M and M20R

(See Limitations for Serial Number Restrictions)

*Description of Type Design Change:*

Installation of the Bendix/King KLN 90B Global Positioning System (GPS) for enroute and approach IFR operation.

REQUIRED DATA: 1. Master Drawing List 159-08133-0001, Rev. 4, dated 1-24-95 and 2. Airplane Flight Manual Supplement 006-00835-0000, Rev. 0, dated 2-1-95. Later FAA approved revisions to the above listed data are incorporated without further revision to this Supplemental Type Certificate.

*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:* 9-2-94

*Date reissued:* 11-11-98; 2-28-00

*Date of issuance:* 2-1-95

*Date amended:*



*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 3 years, or both.

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(Continuation Sheet)

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*Limitations and Conditions: (continued)*

2. The KLN 90B GPS has been evaluated as a navigation input source for the KFC 150, KFC 325 and KFC 400 Series Automatic Flight Control Systems and found to be compatible; the interface of these systems is approved.
3. Additional equipment required for the specific type of operation must be installed and operational prior to use of the KLN 90B under Instrument Flight Rules (IFR).
4. This Approval is limited to the following Serial Number Airplanes:
  - a. Model M20J: s/n 24-3000 and up;
  - b. Model M20K: s/n 25-1000 and up;
  - c. Models M20L, M20M and M20R: All serial numbers.