

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

Number SA4658SW

Project A6097SW-DS
NC-150

This certificate, issued to Texas Instruments, Inc.
P. O. Box 405
Lewisville, Texas 75067

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.

Original Product — Type Certificate Number: 2A3
Make: Mooney
Model: M20, M20A, M20B, M20C, M20D, M20E, M20F, M20G, M20J, M20K

Description of Type Design Change:

Installation of Texas Instruments, Inc. Loran C Model TI9100 in accordance with Installation Instructions 2715454-0006, Rev. E, dated 1/28/83, or later FAA approved revision.

Limitations and Conditions: See Continuation Sheet, page 2, of this STC.

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: February 9, 1982

Date reissued: 12/15/82; 3/2/83
Revision 2

Date of issuance: May 18, 1982

Date amended:



By direction of the Administrator

for 
Don P. Watson (Signature)
Manager, Aircraft Certification Division
Southwest Region

(Title)

Any alteration of this certificate is punishable by a fine of not exceeding \$1,000, or imprisonment not exceeding 3 years, or both.

This certificate may be transferred in accordance with FAR 21.47.

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

Number SA4658SW Revision 2

Limitations and Conditions:

1. FAA Approved Supplement to Pilot's Operating Handbook and/or FAA Approved Airplane Flight Manual dated May 14, 1982, is required with Loran C Model TI9100 installation.
2. FAA Approved Supplement to Pilot's Operating Handbook and/or FAA Approved Airplane Flight Manual dated December 14, 1982, is required for Loran C Model TI9100 with King KFC 200 Integrated Autopilot/Flight Director System and/or King KAP 200 Autopilot.
3. FAA Approved Supplement to Pilot's Operating Handbook and/or FAA Approved Airplane Flight Manual dated December 15, 1982, is required for Loran C Model TI9100 and Edo-Air Mitchell Century 21/31 Autopilot.
4. FAA Approved Supplement to Pilot's Operating Handbook and/or FAA Approved Airplane Flight Manual dated March 2, 1983, is required for Loran C Model TI9100 and King Radio KAP100, KAP150 Autopilot or KFC 150 Integrated Autopilot/Flight Director System.
5. Compatibility of this modification with other previously approved modifications must be determined by the installer.

Any alteration of this certificate is punishable by a fine of not exceeding \$1,000, or imprisonment not exceeding 3 years, or both.

INSTRUCTIONS: The transfer endorsement below may be used to notify the appropriate FAA Regional Office of the transfer of this 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)*: _____