

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

*Number* SA4148SW

*This Certificate issued to* Sierra Industries, Inc.,  
a Texas Corporation  
Garner Field Road  
Uvalde, TX 78801

*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 4b of the Civil Air Regulations.*

*Original Product Type Certificate Number :* 4A21  
*Make :* Boeing  
*Model :* 707-100 Series

*Description of Type Design Change:*

Installation of Dual Collins AL101 Radio Altimeter Systems, Category I operation, according to Drawing List 45-1 dated 4/17/80, or later FAA approved revision.

*Limitations and Conditions:*

FAA Approved Airplane Flight Manual Supplement dated July 2, 1980, is required.

Compatibility of this modification with other previously approved modifications must be determined by the installer.

*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 11, 1979

*Date reissued :* December 1, 1999

*Date of issuance :* July 02, 1980

*Date amended :*



*By direction of the Administrator*

*Michele M Owsley*  
(Signature)

Michele M. Owsley, Manager  
Airplane Certification Office,  
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.

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.

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**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)*: \_\_\_\_\_