

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

Number SA2126SW-AC

*This certificate, issued to* Aviation System Standards  
Flight Inspection Maintenance Division, AVN-300  
6500 S. MacArthur Boulevard  
Oklahoma City, OK 73169  
*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:* A24CE

*Make:* Raytheon Aircraft Company (Beech)

*Model:* 300 Super King Air

*Description of Type Design Change:* Installation of Trimble TNL 8100 Global Positioning System receiver with interface into the pilots' EFIS and autopilot system. This alteration is to be made in accordance with Data List BE-300-9, dated 8/15/95, or later approved revisions. Amendment 1: The TNL 8100 Global Positioning System is upgraded to TSO-C129 A1 providing Non-Precision and Primary Oceanic capability in accordance with Data List BE-300-12, dated 7/12/96. Amendment 2: Approves IFR/VFR Enroute operation in accordance with Data List BE-300-14, dated 2/18/97, or later approved FAA (DAS) revisions. (See continuation sheet)

*Limitations and Conditions:* FAA approved Airplane Flight Manual Supplemental for Raytheon Model 300 Super King Air with Trimble TNL 8100 GPS Navigation System, dated 8/15/95 or later FAA (DAS) approved revision is required. Limited to IFR/VFR enroute and VFR terminal and non-precision approach operation only. Compatibility of this alteration with other approved alterations must be determined by the installer. (See continuation sheet)

*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:* September 1, 1994

*Date issued:*

*Date of issuance:* August 15, 1995

*Date amended:* July 7, 1999



*By direction of the Administrator*

*Brent Rogers*  
(Signature)

DAS Coordinator

(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.

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(Continuation Sheet)

*Number* SA2126SW-AC

*Description of Type Design Change (Continued):* Amendment 3: The TNL8100 Global Positioning System is approved for VFR/IFR terminal and non-precision approach operation in accordance with Data List BE-300-17, dated 7/7/99, or later approved revisions.

*Limitations and Conditions (Continued):* 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.

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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.

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