

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

*Number* SA587SW

*This certificate issued to* Bemidji Aviation Services, Inc.  
4125 Hangar Dr., N.W.  
Bemidji, MN 56601

*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 :* 5A4  
*Make :* Beech  
*Model :* D50, E50, F50, G50, H50, and J50

*Description of Type Design Change:*

Installation of Lycoming IO-720-A1A engines in accordance with Swearingen Drawing List 2802-DL, Revision G dated June 13, 1967.

*Limitations and Conditions*

1. Increase in gross weight: 7600 lbs. Take-off; 7240 lbs. Landing.
2. FAA Approved Airplane Flight Manual for "Excalibur 800" dated January 10, 1966 is required
3. FAA Approved Airplane Flight Manual Supplement dated January 10, 1966 is required when Tactair T3AL autopilot is installed.
4. FAA Approved Airplane Flight Manual Supplement dated November 6, 1967 is required when Motorola M-4 autopilot is installed.  
(See continuation sheet 3 of 3)

*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 :* October 19, 1965

*Date reissued :* February 11, 1999, July 9, 1999

*Date of issuance :* January 06, 1966

*Date amended :* November 06, 1967 , Oct. 13, 1970,  
Feb. 12, 1973 Rev. 3



*By direction of the Administrator*

(Signature)

Melvin D. Taylor  
Manager  
Atlanta Aircraft Certification Office

(Title)

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

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

*Number* SA587SW

Date of Issuance: January 6, 1966

Reissuance Date: February 11, 1999, July 9, 1999

Limitations and Conditions. (Continued)

This approval should not be extended to other aircraft of this model on which other previously approved modifications are incorporated, unless it is determined by the installer that the interrelationship between this change and any other previously approved modifications will produce no adverse effect upon the airworthiness of that airplane. 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.