

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

*Number* SA02334AK

*This certificate issued to* Wayne C. Alsworth  
123579 Snowmobile Lane  
Port Alsworth, AK 99653

*certifies that the change in the type design for the following product with the limitations and conditions therefore as specified hereon meets the airworthiness requirements of Part 3 of the Civil Air Regulations*

*Original Product – Type Certificate Number:* 5A4  
*Make:* Raytheon Aircraft Company (Beechcraft)  
*Model:* J50

*Description of Type Design Change:* Installation of GO-480-G2F6 engines, in accordance with Compliance Report CR-2008-001, on a Raytheon Aircraft Company (Beechcraft) Model J50 Twin Bonanza airplane when modified by McCauley Propeller Systems Supplemental Type Certificate (STC) SA00860CH.

*Limitations and Conditions:*

- 1) Descriptive data pertaining to this modification are considered inadequate for duplication in other airplanes. This approval is limited to Raytheon Aircraft Company (Beechcraft) Model J50 Twin Bonanza airplane Serial No. JH151.
- 2) The maximum gross weight of this aircraft is limited to 6300 pounds.
- 3) DMCR Approved Airplane Flight Manual dated August 6, 1962, or later for model D50E is a required part of this modification and must be carried on board the aircraft.
- 4) For Instructions for Continued Airworthiness (ICA) for the engines, engine controls and other engine-related items on this aircraft use the model D50E procedures in Beech Aircraft Corporation Maintenance Manual 50-590111-9, dated November 15, 1957.
- 5) Refer to STC SA00860CH for limitations and conditions related to the propeller installation.

*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:* May 18, 2007  
*Date of issuance:* February 12, 2009

*Date reissued:*  
*Date amended:*



*By direction of the Administrator*

\_\_\_\_\_  
(Signature)  
Gregory J. Holt  
Manager, Anchorage Aircraft Certification Office  
\_\_\_\_\_  
(Title)