

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

*Number* SA1036GL

*This certificate issued to*  
McCauley Propeller Systems  
7751 East Pawnee  
Wichita, KS 67207

*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. See Type Certificate Data Sheet A24CE for complete certification basis.*

*Original Product-Type Certificate Number:* A24CE  
*Make:* Raytheon Aircraft Company (Beech)  
*Model:* 200, 200C, 200CT, 200T, A200C (UC12B), A200CT (RC-12D), (C-12D) and (FWC-12D), B200, B200C (C-12F), B200CT, C200T

*Description of Type Design Change:*

Installation of McCauley Propeller Systems propeller model 4HFR34C755/94LA-0 in accordance with McCauley Technical Report No. 661, dated June 19, 1986 and McCauley Drawing No. D-60000, revised May 2, 1998, or later FAA approved revision; or  
Installation of McCauley Propeller Systems propeller model 4HFR34C754/94LA-0 in accordance with McCauley Technical Report No. 701, dated April 22, 1988 and McCauley Drawing No. D-60034, dated May 2, 1988, or later FAA approved revision; or  
Installation of McCauley Propeller Systems propeller model 4HFR34C771/94LA-0 in accordance with McCauley Technical Report No. 830, dated November 30, 1994 and McCauley Drawing No. D-60145, dated December 20, 1994, or later FAA approved revision.

*Limitations and Conditions:*

1. Compatibility of this design change with previously approved modifications must be determined by the installer.

...continued on page 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:* April 12, 1985

*Date reissued:* July 19, 2006

*Date amended:* June 1, 1988, January 11, 1996

*Date of issuance:* June 20, 1986

*By direction of the Administrator*



(Signature)

Thaddeus D. Krolicki, Jr.  
Manager, Propulsion Branch  
Chicago Aircraft Certification Office

(Title)

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

*Number* SA1036GL

*Limitations and Conditions* (Continued):

2. FAA Approved Airplane Flight Manual Supplement TR 660, dated June 20, 1986 with the installation of propeller model 4HFR34C755/94LA-0, or later FAA approved revision, is required.

FAA Approved Airplane Flight Manual Supplement TR 702, dated June 1, 1988 with the installation of propeller model 4HFR34C754/94LA-0 or 4HFR34C771/94LA-0, or later FAA approved revision, is required.

3. Aircraft specifications are the same as listed on Aircraft Specification Data Sheet No. A24CE

Propeller and Propeller Limits

For aircraft with propeller model **4HFR34C755/94LA-0** installed:

2 McCauley 4HFR34C755 hubs with 94LA blades

Diameter: 90 to 93 inches

Flight idle stop: Flight idle propeller low pitch stop is set so that at 1800 RPM there shall be an indicated 750±40 ft-lb torque corrected to seal level standard day.

Propeller blade angle at 30 inches:

Feathered: +87.2° ± 0.3°

Reverse: -10.0° ± 0.4°

Minimum propeller ground idle RPM for continuous operation shall not be less than 1150 RPM; however, propeller may be feathered on the ground and idled at rotational speeds below 600 propeller shaft RPM.

For aircraft with propeller model **4HFR34C754/94LA-0** installed:

2 McCauley 4HFR34C754 hubs with 94LA blades

Diameter: 94 to 93.5 inches

Flight idle stop: Flight idle propeller low pitch stop is set so that at 1800 RPM there shall be an indicated 660±40 ft-lb torque corrected to seal level standard day.

Propeller blade angle at 30 inches:

Feathered: +87.2° ± 0.3°

Reverse: -10.0° ± 0.4°

Minimum propeller ground idle RPM for continuous operation shall not be less than 1100 RPM; however, propeller may be feathered on the ground and idled at rotational speeds below 600 propeller shaft RPM.

For aircraft with propeller model **4HFR34C771/94LA-0** installed:

2 McCauley 4HFR34C771 hubs with 94LA blades

Diameter: 94 to 93.5 inches

Flight idle stop: Flight idle propeller low pitch stop is set so that at 1800 RPM there shall be an indicated 600±40 ft-lb torque corrected to seal level standard day.

Propeller blade angle at 30 inches:

Feathered: +87.2° ± 0.3°

Reverse: -10.0° ± 0.4°

Minimum propeller ground idle RPM for continuous operation shall not be less than 1100 RPM; however, propeller may be feathered on the ground and idled at rotational speeds below 600 propeller shaft RPM.

4. 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.

...End...