

Supplemental Type Certificate

Number SA01823SE

This certificate, issued to **Mr. Allen K. Harstine**
13607 NW 46th Ct.
Vancouver, WA 98685

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 4a of the Civil Air Regulations.

Original Product—Type Certificate Number: A-773
Make: Bellanca Aircraft Corporation
Model: 14-13-3

Description of the Type Design Change: Installation of a McCauley 1A170/DM7654 propeller in accordance with McCauley Industrial Corporation Standard Installation Instructions for 1A170 Met-L-Prop with #3 flanged crankshaft.

Limitations and Conditions: Data pertaining to this modification is considered inadequate for duplication in other aircraft. This approval for change in type design is limited to Bellanca 14-13-3, serial number 1640. A copy of this certificate must be maintained as part of the permanent records for the modified aircraft

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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: February 8, 2008
Date of issuance: March 6, 2008

Date reissued:
Date amended:



By direction of the Administrator

(Signature)

Acting Manager, Seattle 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.

This certificate may be transferred in accordance with FAR 21.47

Supplemental Type Certificate

(Continuation Sheet)

Number SA01823SE

Mr. Allen K. Harstine

Issued: March 6 2008

Reissued:

Amended:

Limitations and Conditions: (cont'd) A copy of these limitations must be carried in the aircraft at all times.

Engine: Franklin 6A4-150-B3

Engine Limits: For all Operations: 2600 RPM (150 H.P.)

Propeller: McCauley 1A170/DM7654
Diameter: 76" Maximum
75" Minimum

Powerplant Instrument Markings: Tachometer: 2600 RPM (Radial Red Line)
2100 to 2300 RPM (Yellow Arc)

Placards Required: The following placard is required near the tachometer and in full view of the pilot:

"AVOID CONTINUOUS ENGINE OPERATION BETWEEN 2100 TO 2300 RPM."

- END -