

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

Number SA05761NM

This certificate, issued to:

**BLR Aerospace, LLC
3102 100th Street SW
Everett, WA 98204**

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 23 of the Federal Aviation Regulations.

Original Product—Type Certificate Number: A12CE
Make: Beech
Model: 60, A60, and B60

Description of the Type Design Change: Vortex generators generator kit manufactured in accordance with Document Number AA1101, no revision, dated August 17, 1992, and installed in accordance with Document Number AA1102, no revision, dated August 17, 1992, using option three as specified in that document, or later FAA-approved revisions.

Limitations and Conditions: Approval of this change in type design applies to the above model aircraft only. This approval should not be extended to other aircraft of this model on which other previously approved modifications are incorporated unless it is determined that the relationship between this change and any of those other previously approved modifications, including changes in type design, will introduce no adverse effect upon the airworthiness of that aircraft. A copy of this Certificate, Continuation Sheet, and the approved Flight Manual Supplement (FMS), dated August 20, 1992, or later FAA-approved revision, must be maintained as part of the permanent records for the modified aircraft.

(See Continuation Sheet on Page 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: July 10, 1992 *Date reissued:* November 23, 2009
Date of issuance: August 25, 1992 *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 SA05761NM

BLR Aerospace, LLC

Issued: August 25, 1992

Reissued: November 23, 2009

Limitations and Conditions continued:

This Continuation Sheet, which is part of STC SA5761NM, prescribes the conditions and limitations under which the product for which the STC was issued meets the airworthiness requirements of the Federal Aviation Regulations.

The conditions and limitations of the Type Certificate Data Sheet No. A12CE apply except where superseded by the following:

The modification approved in this STC may only be installed on aircraft which were originally certified for a maximum landing weight of 6775 pounds. (Refer to Type Certificate Data Sheet Number A12CE)

The system consists of ninety-eight vortex generators on the wing and vertical tail of the airplane.

There may be a maximum combined total of four vortex generators missing from the wing and/or vertical tail before replacements must be installed.

If any of the ninety-eight vortex generators are missing, the airplane must be operated within the limitations of the basic airplane flight manual until replacements are installed.

Airspeed Indicator Normal operating range (green arc)..... 77 to 207 knots
Markings (IAS): Flaps operating range (white arc)
 (60/A60 series, S/N P-3 thru P246) 69 to 137 knots
 (B60 series, S/N P247 thru P597) 69 to 140 knots
 Single-engine best rate-of-climb speed (blue radial) 111 knots
 Minimum single-engine control speed (red radial) 77 knots

Maximum Weights: Takeoff6965 pounds
 Landing.....6775 pounds
 Zero fuel6775 pounds

CG Range(Landing +137.8 inches to +139.2 inches at..... 6965 pounds
Gear Extended): +134.6 Inches to +139.2 inches at..... 6775 pounds
 +128.0 inches to +139.2 inches at..... 5100 pounds or less
 Straight line variation between points given

Placards: Change all references to V_{MCA} values on placards to 77 KIAS.
 On inside of cabin door:

DO NOT JACK OR TOW THIS AIRCRAFT AT GROSS WEIGHTS ABOVE 6819 POUNDS.
 FOR TAKE-OFF WEIGHTS OVER 6775 POUNDS, ADDITIONAL WEIGHT MUST BE
 ADDED IN FUEL ONLY

- END -

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