

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

*Number* SA320AL

*This Certificate issued to* STOL Aviation LLC  
c/o Tom Csatari  
8 South Park Street  
Lebanon, N.H. 03766

*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 04\* of the Civil Air Regulations.*

\*Complete certification basis is specified in Aircraft Specification No. A-754, Revision 8.

*Original Product Type Certificate Number:* 754

*Make:* Interstate

*Model:* S-1B1

*Description of Type Design Change:*

Installation of Lycoming O-320-A2B engine, McCauley 1A175/GM82 propeller, Cleveland 20-6, 6.00 - 6 main wheel and brake assemblies with 8.50 - 6, 6-ply tires, leaf tail spring with Scott Model 3200 tail wheel assembly, squared wing tips, and miscellaneous other design changes to airplanes S/N 195 and S/N 231, all in accordance with Arctic Aircraft Company, Inc., Report No. 2, original issue dated September 10, 1970, or later FAA approved revision. In addition, installation of revised elevator trim system, modified rudder pedals and rudder pedal mounting provisions, revised windows and skylight, and miscellaneous other design changes to airplane S/N 231 only, all in accordance with Arctic Aircraft Company, Inc., Report No. 4, original issue dated January 12, 1971, or later FAA approved revision.

*Limitations and Conditions:* Data pertaining to these design changes are considered inadequate for duplication in other airplanes. The approval of these design changes is

(see Continuation Sheet 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:* August 28, 1970

*Date reissued:* May 05, 2000  
October 31, 2007

*Date of issuance:* September 10, 1970

*Date amended:* January 29, 1971  
May 05, 2000



*By direction of the Administrator*

(Signature)

Gregory J. Holt  
Manager  
Anchorage Aircraft Certification Office

(Title)

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

*Number* SA320AL

Date of Issuance: September 10, 1970  
Date Reissued: May 05, 2000; October 31, 2007  
Dates Amended: January 29, 1971; May 05, 2000

*Limitations and Conditions* (Continued):

limited to Interstate S-1B1 airplanes S/N 195 and S/N 231, only. No additional modifications of this type are to be approved solely by reference to this Supplemental Type Certificate or its supporting data. 14 CFR Part 43 is adequate to insure continued airworthiness of this modification.

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