

DepartmentofTransportation - FederalAviationAdministration

Supplemental Type Certificate

Number SA01015SE

This certificate, issued to

**ABI, LLC
2013 Birchwood Spur Loop Road
Chugiak, AK 99567**

*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 * of the * Regulations.*

Original Product—Type Certificate Number: * See attached Federal Aviation Administration (FAA)
Make: Approved Model List (AML) SA01015SE for approved
Model: aircraft models and applicable airworthiness regulations

Description of the Type Design Change: Installation of eligible Alaska Tire and Rubber Company TSO-C62d Tires as listed in AML SA01015SE.

Limitations and Conditions: See limitation notes on AML SA01015SE. THIS SUPPLEMENTAL TYPE CERTIFICATE APPROVAL IS LIMITED TO THE LOAD RATING AND INFLATION PRESSURE RANGE AS IDENTIFIED ON THE TIRE SIDEWALL. (Loads and inflation pressures outside the TSO approval voids this STC approval) Although installation of the larger 'Tundra tires has an adverse effect on performance and handling qualities of the airplane, the FAA has determined these effects were not significant with regard to safety. Pilots should expect a more limited field of view during taxi, a reduced rate of climb, and a deterioration of lateral and directional stability. Tundra tires reduce the airplane's directional stability and controllability during takeoff and landing ground rolls, increase its tendency to ground loop during takeoff and landing ground rolls, and increase its tendency to nose over during landings on paved surfaces more than during landings on gravel, grass, or other surfaces that allow the tires to skid more easily. Approval of this change in type design applies to the aircraft models listed above only. This approval should not be extended to other aircraft of these models 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 to adverse effect upon the airworthiness of the aircraft. A copy of this certificate, the AML, and the FAA Form 337 must be maintained as part of the permanent records for the modified aircraft.

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.

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 25, 2001 *Date reissued:* March 13, 2014

Date of issuance: November 7, 2001 *Date amended:*



By direction of the Administrator

(Signature)

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.