

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

Number **SA02125SE**

This certificate, issued to:

**Lyle K. Hockenson
3443 1/2 Academy Drive SE
Auburn, WA 98092-7340**

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: A-782
Make: Sierra Hotel Aero, Inc.
Model: Navion A

Description of the Type Design Change: Installation of a Continental E-225-4 engine, a Hartzell HC-12V20-7D propeller with V8433N blades, and associated accessories and hardware with the existing updraft cooling system in Navion A, serial number (s/n) NAV-4-1824 per "Substantiating Data for E-225 Engine Installation In Navion A Model Aircraft", document number WD189-D11, Revision IR, dated December 10, 2010. Maintenance shall be per the Instructions for Continued Airworthiness (ICA) Document WD189-ICA, Revision (A), dated March 28, 2011, or later FAA-approved revision.

Limitations and Conditions: Approval of this change in type design applies to aircraft serial number NAV-4-1824 only. The airplane modified in accordance with this STC must be operated in accordance with the FAA-approved Airplane Flight Manual Supplement (AFMS), document number WD189-AFM, Revision (A), dated April 7, 2011, or later FAA-approved revision. A copy of this certificate, the ICA, and the AFMS must be maintained as part of the permanent records for the modified aircraft.

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: October 16, 2010

Date reissued:

Date of issuance: April 22, 2011

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.