United States of America

Department of Transportation_Federal Aviation Administration

Supplemental Type Certificate

Number SH5166NM

This certificate, issued to **Erickson Air-Crane,Inc.**
dba Erickson Air-Crane
3100 Willow Springs Road
Central Point, OR 97502

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 29 *of the* Federal Aviation Regulations.

Original Product—Type Certificate Number: H6EA

Make: Erickson

Model: S-64E (S/N 64002) Restricted Category
External Load Operation Only.

Description of the Type Design Change: Remounting of the turbine engines and reinforcement of the associated fuselage support structure with Erickson De-tuned Engine Mounting System (DEMS), in accordance with Erickson Master Drawing List No. EA643000, Revision B, dated May 9, 1991, or later FAA approved revision.

Limitations and Conditions: Data pertaining to this modification are considered inadequate for duplication in other rotorcraft. This approval is limited to the installation of the DEMS on Erickson Model S-64E, Serial Number 64002 only. During the evaluation period and until amendment of this STC, the DEMS must be inspected in accordance with Erickson Supplemental Maintenance Inspection Program Report No., EAC-1018, dated June 4, 1991, or later FAA approved revision. No aircraft or operating limits are changed as a function of this STC. A copy of this Certificate dated March 1, 2001, must be maintained as part of the permanent records for the modified rotorcraft.

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: March 31, 1982

Date of issuance: March 14, 1985

Date reissued: 08/22/97; 03/01/01

Date amended: 03/01/01

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.

FAA FORM 8110-2(10-68)