United States of America

Department of Transportation — Federal Aviation Administration

Supplemental Type Certificate

Number SA5927NM

This certificate, issued to Helio Enterprises, Inc.

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 3 *of the* Civil Air *Regulations.*

Original Product — Type Certificate Number: A4EA

Make: Helio

Model: HST-550A

Description of Type Design Change: Replace United Aircraft of Canada model PT6A-27 engine with model PT6A-34.

Limitations and Conditions: Data pertaining to this modification are considered inadequate for other aircraft. This approval is limited to the installation in Model HST-550A aircraft, Serial No. 001, R/N N550HE, only. A copy of this Certificate, Continuation Sheet and FAA Approved Flight Manual Supplement dated February 18, 1993, must be maintained as part of the permanent Records for the modified aircraft. (Continued 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: January 6, 1993

Date of issuance: February 18, 1993

Date reissued:

Date amended:

By direction of the Administrator

(Signature)

Manager, Special Certification Branch
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)

United States of America
Department of Transportation—Federal Aviation Administration

Supplemental Type Certificate

(Continuation Sheet)

Number SA5927NM

LIMITATIONS AND CONDITIONS (Continued):

The conditions and limitations of the Type Certificate Data Sheet No. A4EA apply except where superseded by the following:

Engine United Aircraft of Canada PT6A-34.

REQUIRED ENGINE INSTRUMENT MARKINGS:

Inter Turbine Temperature Gauge (degrees Celsius):

green arc (normal range) — 0 to 695

yellow arc (cautionary range) — 695 to 79

red radial (maximum; continuous, takeoff, or reverse) — 790

red radial (maximum, starting) — 1090

Oil Pressure Gauge (PSIG):

red radial (minimum, gas generator speed below 27,000 rpm) — 40

yellow arc (cautionary range, gas generator speed below 27,000 rpm) — 40 to 85

green arc (normal range, gas generator speed 27,000 rpm or above) — 85 to 105

red radial (maximum) — 105

-END-

Any alteration of this certificate is punishable by a fine of not exceeding $1,000, or imprisonment not exceeding 3 years, or both.

FAA FORM 8110-2-1 (10-69) *This certificate may be transferred in accordance with FAR 21.47.*

C FAA AC 82-03578