

Department of Transportation — Federal Aviation Administration
Supplemental Type Certificate

Number SA6NE

This certificate, issued to Whelen Engineering Company, Incorporated
 Deep River, Connecticut 06417

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: 3A12
Make: Cessna
Model: 172M

Description of Type Design Change:

Installation of Whelen anti-collision strobe light power supplies, Models HS-41 and HD-42 as direct replacements for Models HS and HD installed in accordance with STC SA615EA or STC SA800EA.

Limitations and Conditions:

See Page 2 of 2.

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 7, 1973

Date reissued:

Date of issuance: March 21, 1974

Date amended:

By direction of the Administrator



LOUIS R. MUSACCHIO
 Acting Chief, Engineering and Manufacturing
 (Title) Branch

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.

United States of America

Department of Transportation—Federal Aviation Administration

Supplemental Type Certificate

(Continuation Sheet)

Number SA6NE

Limitations and Conditions:

- 1) STC SA615EA or STC SA800EA must be accomplished prior to or at the same time as this change.
- 2) This approval shall not be incorporated in any aircraft of this specific model on which other approved modifications are incorporated, unless it is determined that the interrelationship between this change and any of those previously incorporated approved modifications will not introduce any adverse effect upon the airworthiness of the aircraft.
- 3) The minimum effective intensity requirements of FAR 23.1401(f), effective August 11, 1971, will be met when the HS-41 and/or HD-42 power the following lights, installed in accordance with STC SA615EA or STC SA800EA:
 - a. A429
 - b. A460
 - c. A470 with white optic lens
 - d. A430 installed on the wing tips
- 4) The HS-41 and HD-42 may power other light combinations installed in accordance with STC SA615EA or STC SA800EA but only the lights specified in 3 above have been shown to meet the intensity requirements of FAR 23.1401(f), effective August 11, 1971.

END

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