

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

Number SA98CE

This certificate issued to BF Goodrich Aerospace
Lighting Systems Division
3445 South 5th Street
Phoenix, AZ 85040

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 4b of the Civil Air Regulations.

Original Product--Type Certificate Number : LTC 13 and A1SW
Make : Howard, Lockheed
Model : 500, PV-1

Description of Type Design Change: Installation of Hoskins Supplemental Model A, B, E High Intensity Wing Tip Lights, Model C Tail Light, with or without Model 2 High Intensity Fuselage Light.

Data required: (1) General Installation Instructions as amended May 1, 1962; (2) Hoskins Drawings No. 20-1, 20-2, 21-2, 22-1B, 28-2 and SW-1; (3) Hoskins Specification Sheet (3 sheets) for Lockheed PV-1 (Ventura) aircraft; and (4) Howard Aero drawing No. 5-102260, Rev E, sheet 2.

Limitations and Conditions: **LIMITATION OF APPLICABILITY.** The approval of this change in type design applied basically to aircraft models listed above only. This approval should not be extended to other specific airplanes of these models on which other previously approved modifications are incorporated unless it is determined by the installer that the interrelationship between this change and any of those other previously approved modifications will introduce no adverse effect upon the airworthiness of that 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 : June 3, 1962

Date of issuance : October 22, 1962

Date reissued : October 17, 1974, April 1, 1990,
September 25, 1995, January 31, 1996,
September 30, 2011

Date amended : June 28, 1963, August 12, 1964



By direction of the Administrator

(Signature)

Melvin Taylor
Manager, Atlanta Aircraft Certification Office