

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

Number SA451CE

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:

A1SW 723 LTC 13

Make: Howard Lockheed Lockheed

Model: 500 18 & Learstar PV-1

Description of Type Design Change: Installation of Hoskins Twilighter Mark III Supplementary Lighting System with Model "E, F or P" Wing Tip and Model "C" Tail Lights.

Data Required: Hoskins Specifications Sheets 1 through 6 Dated July 12, 1966 and Drawings listed thereon.

Limitations and Conditions: **LIMITATION OF APPLICABILITY.** 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 that the interrelationship between this change and any of those previously approved modifications will introduce no adverse effect upon the airworthiness of the airplanes.

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: July 12, 1966

Date reissued: October 17, 1974, April 01, 1990,
September 25, 1995, January 31, 1996,
September 30, 2011

Date of issuance: August 29, 1966

Date amended:

By direction of the Administrator



(Signature)

Melvin Taylor
Manager, Atlanta 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.