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

Number SA32NW

This certificate, issued to Hershey Flying Service, 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 8 of the Civil Air Regulations, and CAM 8 (Appendix B), as amended March 19, 1957, except CAR 3.241 used for ground loads.

Original Product — Type Certificate Number: 1A16
Make: Grumman
Model: G-164

Description of Type Design Change:

Installation of a 15.5 gallon auxiliary fuel tank in each upper wing panel (an additional 31 gallon) in accordance with Drawings LS-1000, LS-1100, LS-1110, LS-2000 and Structural Substantiation as per LS-100, dated January 5, 1972.
(RESTRICTED CATEGORY)

Limitations and Conditions:

Data is suitable for reproduction and installation in all Grumman Model G-164 series from Serial Number 1 through 400. No additional modification of this type are to be approved solely by reference to this STC or to the data submitted therefore. A copy of this Certificate shall be maintained as a part of the permanent records for the modified aircraft. A copy of Addendum SA32NW shall be maintained as part of the permanent records for the modified aircraft also.

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, 1971

Date reissued: April 24, 1984

Date of issuance: March 2, 1973

Date amended: June 8, 1977; June 30, 1977



By direction of the Administrator

[Signature]
(Signature)

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.

United States of America
Department of Transportation—Federal Aviation Administration
Supplemental Type Certificate
(Continuation Sheet)

April 24, 1984 *Number* SA32NW

SUPPLEMENTAL TYPE CERTIFICATE ADDENDUM NO. SA32NW

The conditions and limitations of Type Certificate Data Sheet No. 1A16 apply except as follows:

This STC Addendum, which is part of Supplemental Type Certificate No. SA32NW, prescribes conditions and limitations under which the product for which the STC was issued meets the airworthiness requirements of the Civil Air Regulations. A copy of this STC Addendum is required to be maintained as part of the modified aircraft's permanent records.

SUPPLEMENTAL TYPE CERTIFICATE HOLDER: Hershey Flying Service, Inc.

GRUMMAN MODEL G-164 AS MODIFIED BY THIS STC, APPROVED MARCH 2, 1973

Same as the basic configuration as approved under Type Certificate Number 1A16 for the engines and propellers as listed except for the installation of additional auxiliary fuel tanks in the upper wing panels.

Serial Numbers Eligible: Number 1 through 400

NOTE 1: The two auxiliary fuel tanks located in the upper wing panel allows an additional 31 gallon of fuel.

NOTE 2: Current Weight and Balance Report and Loading Instructions, when necessary, must be in the aircraft.

- END -

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