United States of America

Department of Transportation—Federal Aviation Administration

Supplemental Type Certificate

Number SA684NW

This certificate, issued to Jack E. Nagel

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 4a *of the* Civil Air *Regulations.*

Original Product—Type Certificate Number: A-766

Make: Universal Aircraft Industries

Model: Globe GC-1B

Description of Type Design Change: Installation of a McCauley 2A31C21/84SF-10 propeller on a Franklin 6A-350-C1 engine in accordance with Jack E. Nagel photograph 1.

Limitations and Conditions: Data pertaining to this modification are considered inadequate for duplication in other aircraft. This approval is limited to the installation in Universal Aircraft Industries, Globe model GC-1B aircraft, Serial Number 1115 only. A copy of this Certificate and Continuation Sheet must be maintained as part of the permanent records for the modified 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: August 18, 1978

Date of issuance: November 13, 1978

Date reissued: July 20, 1988

Date amended:

By direction of the Administrator

SR Miller
(Signature)

for Manager, Seattle Aircraft Modification Branch
(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 SA684NW

The conditions and limitations of Type Certificate Data Sheet A-766 apply except where superseded by the following:

This Supplemental Type Certificate Data Sheet, which is part of STC SA684NW, prescribes the conditions and limitations under which the product for which the STC was issued meets the airworthiness requirements of the Civil Air Regulations:

Universal Globe GC-1B (Landplane - Normal Category) as modified by STC SA684NW

Engine:	Franklin 6A-350-C1
Engine Limist:	220 HP and 2800 RPM
Head Temperature:	#1 head (left rear), 460°F Max. allowable
Oil Inlet:	240°F Max. allowable
Propeller:	McCauley 2A31C21/84SF-10
Propeller Limits:	220 HP and 2800 RPM
Serial Number Eligible:	1115
Air Speed Limits:	No change.
Maximum Weight:	1970 lbs.
C.G. Limits:	(+29.6) to (+33.5) at 1970 lbs.
Powerplant Instrument Markings:	Radial red line at 2800 RPM
Airspeed Markings:	No change.

- 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.