United States of America

Department of Transportation — Federal Aviation Administration

# Supplemental Type Certificate

*Number* SA2649NM

*This certificate, issued to*

Dennis Clark

*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*, dated November 1, 1949, and FAR 23.1555(d); 23.1557(c)(1) and 23.221(c), effective August 11, 1971.

*Original Product — Type Certificate Number:* 1A9

*Make:* Taylorcraft (Seaplane)

*Model:* 19

*Description of Type Design Change:*

Installation of EDO 92-1400 seaplane floats in accordance with EDO drawings 925-100, 925-148, 925-149 and 925-155, including Dennis Clark photos (1) through (14). This modification includes the installation of a McCauley Model 1A90/CF7535 propeller.

*Limitations and Conditions:*

Data pertaining to this modification are considered inadequate for duplication in other aircraft. This approval is limited to the installation in Taylorcraft 19, Serial Number 9052 only. This approval is intended for the installation in the above aircraft with a Continental 0-200-A engine (100 Hp @ 2750 rpm) in accordance with Ronald W. Flinchbaugh STC SA90NW. A copy of this Certificate and Addendum No. SA2649NM shall 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:* July 13, 1984

*Date of issuance:* August 31, 1984

*Date reissued:*

*Date amended:*

*By direction of the Administrator*

D. L. Riggin

*(Signature)*

Manager, Seattle Aircraft Certification Office, ANM-100S

*(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)

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# Supplemental Type Certificate

## (Continuation Sheet)

*Number* SA2649NM

SUPPLEMENTAL TYPE CERTIFICATE ADDENDUM NO. SA2649NM

The conditions and limitations of Type Certificate Data Sheet Number 1A9 apply except where superseded by the following:

This Supplemental Type Certificate Data Sheet, which is part of STC SA2649NM prescribes the conditions and limitations under which the product for which the STC was issued meets the airworthiness requirements of the Federal Aviation Regulations.

Supplemental Type Certificate Holder: Dennis Clark

I. MODEL 19, 2PLM (UTILITY CATEGORY) AS MODIFIED BY STC SA2649NM

| | |
|---|---|
| Engine: | Continental O-200-A (STC SA90NW) |
| Fuel: | 80/87 Minimum Grade Aviation Gasoline |
| Engine Limits: | For all operations, 2750 RPM (100 HP) |
| Propeller and Propeller Limits: | McCauley 1A90/CF7535<br>Diameter Limits:<br>Maximum: 75 in.<br>Minimum: 71 in. |
| Airspeed Limits: | Same as shown for Model 19 |
| C.G. Range: | Utility (+15.1) to (+20.0) at 1380 lb.<br>(+14.2) to (20.0) at 1280 lb. or less<br>Straight line variation between points given. |
| Maximum Weight: | 1380 pounds |
| Serial Number Eligible: | 9052 only |
| Powerplant Instrument Markings: | Tachometer: Green Arc to 2750 rpm<br>Tachometer: 2750 rpm (100 hp) (Red Line)<br>Cylinder Head Temperature: 525°F (Red Line)<br>(Washer Thermocouple on cylinder #2)<br>Oil Temperature Gage: 225° (Red line) |

*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.*