

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

Number SA64NW

This certificate, issued to Madras Air Service

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. (See Type Certificate Data Sheet No. 3A21)

Original Product — Type Certificate Number: 3A21
Make: Cessna
Model: 210 through 210F, T210F, (205)210-5, (205A) 210-5A, 210G, 210H, 210J, 210K & 210L.

Description of Type Design Change:

Installation of fiberglass wing tips in accordance with FAA Sealed Madras Air Service Drawing No. MAS-102-1 dated July 3, 1973 and Drawing No. MAS-102, Sheet 2, Revision B dated July 11, 1972, or later FAA Approved Revisions.

Limitations and Conditions:

This approval should not be extended to other 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 other previously approved modifications will introduce no adverse effect upon the airworthiness of this airplane. A copy of this certificate and Addendum No. SA64NW shall be maintained as part of the permanent records for this 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 19, 1973

Date reissued:

Date of issuance: September 13, 1973

Date amended: September 18, 1986



By direction of the Administrator

D. L. Riggan

Acting 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)

Number SA64NW

SUPPLEMENTAL TYPE CERTIFICATE ADDENDUM NO. SA64NW

The conditions and limitations of Type Certificate Data Sheet No. 3A21 apply except as follows:

This STC Addendum, which is a part of Supplemental Type Certificate No. SA64NW 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 to as a part of the modified aircraft's permanent record.

SUPPLEMENTAL TYPE CERTIFICATE HOLDER: MADRAS AIR SERVICE

I & II. MODELS 210 AND 210A, AS MODIFIED BY STC SA64NW

Airspeed Limits: Never exceed 197 mph (171 knots)
Maneuvering 128 mph (111 knots)
Maximum structural cruising 172 mph (149 knots)

III. MODELS 210B AND 210C, AS MODIFIED BY STC SA64NW

Airspeed Limits: Never exceed 221 mph (192 knots)
Maneuvering 130 mph (113 knots)
Maximum structural cruising 187 mph (145 knots)

IV. MODELS 210-5(205) AND 210-5(205A), AS MODIFIED BY STC SA64NW

Airspeed Limits: Never exceed 206 mph (179 knots)
Maneuvering 136 mph (118 knots)
Maximum structural cruising 167 mph (145 knots)

V & VI. MODELS 210D AND 210E, AS MODIFIED BY STC SA64NW

Airspeed Limits: Never exceed 221 mph (192 knots)
Maneuvering 132 mph (114 knots)
Maximum structural cruising 187 mph (162 knots)

VII & VIII. MODELS T-210F AND 210F, AS MODIFIED BY STC SA64NW

Airspeed Limits: Never exceed 221 mph (192 knots)
Maneuvering 129 mph (112 knots)
Maximum structural cruising 187 mph (162 knots)

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

X MODELS 210G AND 210H, AS MODIFIED BY STC SA64NW

Airspeed Limits: Never exceed 221 mph (192 knots)
Maneuvering 129 mph (112 knots)
Maximum structural cruising 187 mph (162 knots)

XII MODELS 210J, AS MODIFIED BY STC SA64NW

Airspeed Limits: Never exceed 221 mph (192 knots)
(CAS) Maneuvering 129 mph (112 knots)
Maximum Structural Cruising 187 mph (162 knots)

XIII MODELS 210K & 210L, AS MODIFIED BY STC SA64NW

Airspeed Limits: Never exceed 221 mph (192 knots)
(CAS) Maneuvering 129 mph (112 knots)
Maximum Structural Cruising 187 mph (162 knots)

NOTE 1: In addition to the changes required above, the aircraft Weight and Balance Report must be revised as follows at the time of modification.

Weight of wing tips 9.5 lb total; deduct weight of the tip being removed and add the difference to the aircraft empty weight. The moment change is negligible.

NOTE 2: All of the maximum maneuvering speed placards called for by NOTE 2 of Type Certificate Data Sheet No. 3A21 must be revised to show the maximum maneuvering speeds specified in sections I through VIII & X.

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