

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

Number SA65NW

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, effective May 15, 1956, as amended by 3-1 through 3-8.

Original Product—Type Certificate Number: A4CE

Make: Cessna

Model: 206, P206, P206A thru P206E, U206, U206A thru U206G, TP206A thru TP206E, TU206A thru TU206F.

Description of Type Design Change:

Installation of fiberglass wing tips in accordance with Madras Air Service Drawing and Installation Instruction Number MAS-102-1 and Drawing No. MAS-102, Sheet 2.

Limitations and Conditions: Approval of this change in type design applies to the above model aircraft only. This approval should not be extended to aircraft of this model on which other previously approved modifications are incorporated unless it is determined that the relationship between this change and any of those other previously approved modifications, including changes in type design, will introduce no adverse effect upon the airworthiness of that aircraft. A copy of this Certificate and Addendum No. SA65NW 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 19, 1973

Date reissued:

Date of issuance: September 20, 1973

Date amended: April 26, 1981



By direction of the Administrator
Charles C. Schroeder
(Signature)
Acting Chief, Seattle Area 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 26, 1981

Number SA65NW

SUPPLEMENTAL TYPE CERTIFICATE ADDENDUM NO. SA65NW

The conditions and limitations of Type Certificate Data Sheet Number A4CE apply except where superseded by the following:

This Supplemental Type Certificate Data Sheet, which is part of STC SA65NW, prescribes the conditions and limitations under which the STC was issued meets the airworthiness requirements of the Civil Air Regulations.

SUPPLEMENTAL TYPE CERTIFICATE HOLDER: Madras Air Service

I. MODELS 206, U206, AND P206 AS MODIFIED BY STC SA65NW

Airspeed Limits:

Landplane:	Never Exceed	206 mph (179 knots)
	Maximum Structural Cruising	167 mph (145 knots)
	Maximum Maneuvering	136 mph (118 knots)
Floatplane:	Never Exceed	206 mph (179 knots)
	Maximum Structural Cruising	167 mph (145 knots)
	Maximum Maneuvering	136 mph (118 knots)
Skiplane:	Not applicable	

II. MODELS U206A, U206B, P206A, AND P206B AS MODIFIED BY STC SA65NW

Airspeed Limits:

Landplane:	Never Exceed	206 mph (179 knots)
	Maximum Structural Cruising	167 mph (145 knots)
	Maximum Maneuvering	142 mph (123 knots)
Floatplane:	Never Exceed	206 mph (179 knots)
	Maximum Structural Cruising	167 mph (145 knots)
	Maximum Maneuvering	136 mph (118 knots)
Skiplane:	Never Exceed	206 mph (179 knots)
	Maximum Structural Cruising	167 mph (145 knots)
	Maximum Maneuvering	136 mph (118 knots)

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

III. MODELS TU206A, TU206B, TP206A, AND TP206B AS MODIFIED BY STC SA65NW

Airspeed Limits:

Landplane:	Never Exceed:	206 mph (179 knots)
	Maximum Structural Cruise	167 mph (145 knots)
	Maximum Maneuvering	142 mph (123 knots)
Floatplane:	Never Exceed:	206 mph (179 knots)
	Maximum Structural Cruise	167 mph (145 knots)
	Maximum Maneuvering	136 mph (118 knots)
Skiplane:	Never Exceed	206 mph (179 knots)
	Maximum Structural Cruise	167 mph (145 knots)
	Maximum Maneuvering	136 mph (118 knots)

IV. MODELS P206C, P206D, P206E, TP206C, TP206D, AND TP206E AS MODIFIED BY STC SA65NW

Airspeed Limits:

Landplane:	Never Exceed	206 mph (179 knots)
	Maximum Structural Cruise	167 mph (145 knots)
	Maximum Maneuvering	142 mph (123 knots)
Floatplane:	Not applicable	
Skiplane:	Never Exceed	206 mph (179 knots)
	Maximum Structural Cruise	167 mph (145 knots)
	Maximum Maneuvering	136 mph (118 knots)

V. MODELS U206C THRU U206F, AND TU206C THRU TU206F AS MODIFIED BY STC SA65NW

Airspeed Limits:

Landplane:	Never Exceed	206 mph (179 knots)
	Maximum Structural Cruise	167 mph (145 knots)
	Maximum Maneuvering	142 mph (123 knots) for Serial Numbers U206-0915 thru U206-1444 137 mph (119 knots) for Serial Numbers U20601445 thru U20601700
Floatplane:	Never Exceed	206 mph (179 knots)
	Maximum Structural Cruise	167 mph (145 knots)
	Maximum Maneuvering	136 mph (118 knots) for Serial Numbers U206-0915 thru U206-1444 137 mph (119 knots) for Serial Numbers U20601445 thru U20601700

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

April 26, 1981

Number

STC ADDENDUM SA65NW

V. (CONTINUED):

Skiplane:	Never Exceed	206 mph (179 knots)
	Maximum Structural Cruise	167 mph (145 knots)
	Maximum Maneuvering	136 mph (118 knots) for Serial Numbers U206-0915 thru U206-1444
		132 mph (114 knots) for Serial Numbers U20601445 thru U20601700

VI. MODEL U206G AS MODIFIED BY STC SA65NW

Airspeed Limits:

Landplane:	Never Exceed	181 knots
	Maximum Structural Cruise	148 knots
	Maximum Maneuvering	118 knots
Floatplane:	Never Exceed	181 knots
	Maximum Structural Cruise	148 knots
	Maximum Maneuvering	118 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 the wing tips is 9.5 pounds total; deduct the 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. A4CE must be revised to show the maximum maneuvering speeds specified in Sections I through VI above.

- END -

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