

# Supplemental Type Certificate

*Number* SA4300WE

*This Certificate issued to* FLINT AERO, INC.  
1942 Joe Crosson Drive  
El Cajon, California 92020-1236

*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

*Original Product Type Certificate Number :* 3A21

*Make :* CESSNA

*Model :* See Page 3 of this STC

*Description of Type Design Change:* Installation of 16.25 gallon usable fuel-containing wing tips in accordance with FAA sealed Flint Aero Master Drawing List MDL FA2101 revision N, dated January 21, 1987, or later approved FAA revisions. For 210G thru T210N Flint Aero, Inc., FAA approved Airplane Flight Manual Supplement dated January 16, 1984 or later FAA approved revisions is required as part of this installation. For 210R, T210R and P210R (See page 5).

*Limitations and Conditions:* The limitations and conditions of Data Sheet 3A21 apply except as outlined on Page 3 of the STC. A copy of this STC must be included in the permanent records of each airplane modified in accordance with this STC. Models 210R, T210R and P210R limited to standard tank airplanes only. If the holder agrees to permit another person to use this certificate to alter the product, the holder shall give the other person written evidence of that permission.

*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 :* February 6, 1981

*Date reissued :* Jan. 21, 1987, June 15, 1990,  
Feb. 25, 2000

*Date of issuance :* March 20, 1981

*Date amended :* Jan. 20, 1984, Feb. 12, 1987



*By direction of the Administrator*

*Michael A. Murphy*  
(Signature)

Manager, Technical & Administrative Support  
Staff, Los Angeles 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.

# Supplemental Type Certificate

(Continuation Sheet)

*Number* SA4300WE

(A) 02/06/81 (I) 03/20/81 (A) 01/20/87, 06/15/90  
(R) 01/21/87, 07/13/90, 02/25/2000

## Models

210G	T210G	210H	T210H	210J	T210J	210K
T210K	210L	T210L	210M	T210M	P210N	210N
T210N	210R	T210R	P210R			

## LIMITATIONS AND CONDITIONS:

Fuel Capacity 123 gal. (121.5 gal. usable); two 45 gal. main tanks in wings at (+43) and two 16.5 gal. (16.25 gal. usable) aux. tank in wings at (+49.5).

### Placards

The following placards are required in the locations noted:

Adjacent to each auxiliary tank shut-off valve: "Total Aux. fuel 33 U.S. Gals. (32.5 Gals. usable). Auxiliary fuel must be off during take-off, landing refueling, and when auxiliary is empty. Monitor main fuel tank gauge while transferring auxiliary fuel to prevent overfilling."

Adjacent to each auxiliary tank filler: "16.5 U.S. Gal. \*Min Grade Av. gasoline. Aux. Fuel switch must be off before filling."

\*Insert grade number on placards for main tanks.

Adjacent to the airspeed indicator (Models T210G, T210H, T210J, T210K, T210L, T210M, P210N, T210N, T210R and P210R only): "Reduce  $V_{ne}$  5Knots per 1,000 feet above 18,000 feet maximum altitude 25,000 feet."

In full view of the pilot:

- (a) For Models 210G, T210G, 210H, T210H, 210J, and T210J: "Design weights 3400 lbs. max. provided each wing tip contains 7 gals. or more fuel. 3240 lbs. max. with no fuel in wing tips"
- (b) For Models 210K T210K, 210L, T210L, 210M, T210M, and 210N: "Design weights 3800 lbs. max. provided each wing tip contains 7 gals. or more fuel and main tanks are 2/3 full or more. 3530 lbs. max. with no fuel in wing tips."

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# Supplemental Type Certificate

(Continuation Sheet)

*Number* SA4300WE

(A) 02/06/81 (I) 03/20/81 (A) 01/20/87, 06/15/90  
(R) 01/21/87, 07/13/90, 02/25/2000

## LIMITATIONS AND CONDITIONS: (cont'd)

(c) For Models P210N and T210N:

<u>Wing Tip Aux.</u>	<u>Tank Weight Limits</u>	
<u>Aux. Fuel Tank</u>	<u>Max. T. O. Weight</u>	<u>Max. Ldg. Weight</u>

Either is less than 7 gals.	3730 lbs.	3530 lbs.
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Both are 7 gals. or more	4000 lbs.	3800 lbs.
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(d) For Models T210R and P210R:

<u>Wing Tip Aux.</u>	<u>Tank Weight Limits</u>	
<u>Aux. Fuel Tank</u>	<u>Max. T. O. Weight</u>	

Either is less than 7 gal.	3830 lbs.	
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Both are 7 gal. or more	4100 lbs.	
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(e) For Model 210R:

<u>Wing Tip Aux.</u>	<u>Tank Weight Limits</u>	
<u>Aux. Fuel Tank</u>	<u>Max. T. O. Weight</u>	

Either is less than 7 gals.	3580 lbs.	
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Both are 7 gals. or more	3850 lbs.	
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# Supplemental Type Certificate

(Continuation Sheet)

*Number* SA3400WE

(A) 02/06/81 (I) 03/20/81 (A) 01/20/87, 06/15/90  
(R) 01/21/87, 07/13/90, 02/25/2000

Flight Manual (cont'd)

For 210R, T210R and P210R Flint Aero, Inc., FAA Approved Airplane Flight Manual Supplement No. 210R(3) to applicable Cessna FAA Approved AFM/POH documents, dated February 12, 1987 or later FAA approved revisions is required as part of this installation.

Limitation of Applicability

The approval of this change in type design applies to the above noted Cessna models that are otherwise unmodified and should not be extended to other aircraft of these models on which other aircraft of these models on which other modifications are incorporated unless it is determined that the interrelationship between this change and any previously approved modification will introduce no adverse effect on the airworthiness of these aircraft.

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