

United States Of America  
Department of Transportation - Federal Aviation Administration  
**Supplemental Type Certificate**

*Number* SA2529WE

*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 therefore as specified hereon meets the airworthiness requirements of Part 3 of the Civil Air Regulations.* Certification basis set forth on Type Certificate Data Sheet 3A24, Rev 23.

*Original Product Type Certificate* 3A24

*Number:*

CESSNA

*Make:*

185, 185A, 185B, 185C, 185D, 185E, A185E, and

*Model:*

A185F Landplane and Floatplane

*Description of Type Design Change:* Installation of twelve (12) gallon auxiliary fuel tank in each wing, inboard of tip in accordance with FAA sealed Flint Aero Drawing List No. MDL FA-180, no Revision, dated December 18, 1981, or later FAA approved revision, or Flint Aero Master Drawing List No. 15171821, Revision "IR", dated may 18, 2006, or later FAA approved revision.

*Limitations and Conditions:* The limitations and conditions of Data Sheet 3A24 apply, except as outlined in page 3 of this STC. A copy of this STC must be included in the permanent records of each airplane modified in accordance with this STC. 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:* March 30, 1972

*Date reissued:* Mar. 8, 1976, Mar. 9, 1987,

June 15, 1990, Feb. 25, 2000, May 17, 2011

*Date of issuance:* May 18, 1972

*Date amended:* See Page 4 of this STC



*By direction of the Administrator*

(Signature)

Supervisor, Technical & Administrative  
Support Staff  
Los Angeles Aircraft Certification Office

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

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

INSTRUCTIONS: The transfer endorsement below may be used to notify the appropriate FAA Regional Office of the transfer of this Supplemental Type Certificate.

The FAA will reissue the certificate in the name of the transferee and forward it to him.

---

---

**TRANSFER ENDORSEMENT**

Transfer the ownership of the Supplemental Type Certificate Number \_\_\_\_\_

to *(Name of transferee)* \_\_\_\_\_

*(Address of transfer)* \_\_\_\_\_

*(Number and street)*

\_\_\_\_\_  
*(City, State, and Zip code)*

from *(Name of grantor)* *(Print or type)* \_\_\_\_\_

*(Address of grantor)* \_\_\_\_\_

*(Number and street)*

\_\_\_\_\_  
*(City, State, and Zip code)*

Extent of Authority (if licensing agreement): \_\_\_\_\_

---

---

---

Date of Transfer: \_\_\_\_\_

Signature of grantor *(In ink)*: \_\_\_\_\_

---

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

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

*Number* SA2529WE

Application: 03/30/72 Issue: 05/18/72 Amendments: See page 4 of this STC  
Reissue: 03/08/76, 03/09/87, 06/15/90, 02/25/2000, 5/17/2011

LIMITATIONS AND CONDITIONS

Fuel Capacity

Model 185 through A185F S/N 18502262 - 89 gal. (85 gal. useable); two 32.5 gal. main tanks in wings at (+48) and two 12 gal. (11.5 gal. useable) aux. tanks in wings at (+50).

Model A185F S/N 18502263 through 18502838, except 18502300 – 85 gal. (81 gal. useable); two 30.5 gal. main tanks in wings at (+48) and Two 12 gal. (11.5 gal. useable) aux. tanks in wings at (+50).

Model A185F S/N 18502839 through 18503683 – 85 gal. (78 gal. useable); two 30.5 gal, main tanks at (+48) and two 12 gal. (11.5 gal. useable) aux. tanks in wings at (+50).

Model A185F S/N 18502300, 18503684 and up – 112 gal. (107 gal. useable); two 44 gal, main tanks at (+48) and two 12 gal. (11.5 gal. useable) aux. tanks in wings at (+50).

Placards

The following placards are required in the locations noted:

Adjacent to auxiliary tank pump switches: “ Aux. fuel 12 U.S. Gal. (11.5 gal. useable). Transfer Aux. fuel only in level flight when main tank is half empty and when main tank is not supplying engine. Aux. switch must be off during takeoff, landing, filling and when empty.”

Adjacent to each auxiliary tank filler: “12 U.S. Gal. 80/87 Min. grade Av. Gasoline. Aux. fuel switch must be off before filling.”

---

*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* SA2529WE

Application: 03/30/72 Issue: 05/18/72  
Reissue: 03/08/76, 03/09/87, 06/15/90, 02/25/2000, 5/17/2011

## LIMITATIONS AND CONDITIONS ( Continued)

Limitation of  
Applicability

The approval of this change in type design applies to the basic Cessna 185 series of the models shown on page 1 of this STC. This approval should not be extended to 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 modifications will introduce no adverse effect on the airworthiness of these aircraft.

### Amendment Dates

1. March 1, , 1973
2. August 7, 1973
3. April 23, 1975
4. September 20, 1977
5. February 16, 1982
6. January 8, 2007 add MDL 15171821 Rev "IR"

- END -