



## SUPPLEMENTAL TYPE CERTIFICATE

**10034927**

This Supplemental Type Certificate is issued by EASA, acting in accordance with Regulation (EC) No. 216/2008 on behalf of the European Community, its Member States and of the European third countries that participate in the activities of EASA under Article 66 of that Regulation and in accordance with Commission Regulation (EC) No. 1702/2003 to

### **FLINT AERO, INC.**

**1942 JOE CROSSON DRIVE  
EL CAJON 92020  
USA**

and certifies that the change in the type design for the product listed below with the limitations and conditions specified meets the applicable Type Certification Basis and environmental protection requirements when operated within the conditions and limitations specified below:

**Original Product TC Number : FAA 3A24**

**TC Holder : CESSNA AIRCRAFT COMPANY**

**Model : 185, 185A, 185B, 185C, 185D**

**Model : 185E, A185E, A185F**

**Original STC Number : FAA STC SA2529WE**

#### **Description of Design Change:**

Installation of twelve (12) gallon auxiliary fuel tank in each wing in acc. with FAA STC SA2529WE.

#### **EASA Certification Basis:**

The Certification Basis for the original product remains applicable to this certificate/ approval. The requirements for environmental protection and the associated certificated noise and/ or emissions levels of the original product are unchanged and remain applicable to this certificate/ approval.

See Continuation Sheet(s)

**For the European Aviation Safety Agency,**

**Date of issue: 13.05.2011**

  
European Aviation Safety Agency  
Manfred REICHEL  
Project Certification Manager  
General Aviation

**Note:**

The following numbers are listed on the certificate:  
EASA current Project Number: 0010010166-001

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**Associated Technical Documentation:**

Installation Instruction Flint Aero, Inc. Doc. No. FA180, Rev. L, dated September 4, 2007

Operational Limitation: see placards in acc. with Flint Aero, Inc. Doc. No. FA180, Rev. L, dated September 4, 2007

Maintenance Instruction in acc. with Flint Aero, Inc. Doc. No. FA180, Rev. L, dated September 4, 2007

or later revisions of the above listed documents approved by EASA in accordance with EASA ED Decision 2004/04/CF (or subsequent revisions of this decision)

**Limitations:**

The limitations and conditions of FAA TCDS 3A24 apply, except as outlined below:

- a) 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. usable) aux. tanks in wings at (+50).
- b) Model A185F S/N 18502263 through 18502838, except 18502300 - 85 gal. (81 gal. useable); two 30.5 gal. main tanks in wings at (+48) two 12 gal. (11.5 gal. usable) aux. tanks in wings at (+50).
- c) Model A185F S/N 18502839 through 18503683 - 85 gal. (78 gal. useable); two 30.5 gal. main tanks in wings at (+48) two 12 gal. (11.5 gal. usable) aux. tanks in wings at (+50).
- d) Model A185F S/N 18502300, 18503684 and up - 112 gal. (107 gal. useable); two 44 gal. main tanks in wings at (+48) two 12 gal. (11.5 gal. usable) aux. tanks in wings at (+50).

The following placards are required:

Adjacent to auxiliary tank pump switches: "Aux. fuel 12 U.S. gal. (11.5 gal. usable). 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."

The approval of this change in type design applies to the basic Cessna 185 series of the models shown above.

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.

**Conditions:**

Prior to installation of this modification it must be determined that the interrelationship between this modification and any other previously installed modification and/ or repair will introduce no adverse effect upon the airworthiness of the product.

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Note:

The following numbers are listed on the certificate:  
EASA current Project Number: 0010010166-001

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