

Fuel capacity	<u>S/N F177RG0001 through F177RG0062</u> 51 gal. (two 25.5 gal. fuel bays in wing at sta. +112; 50 gal. usable).	
	<u>S/N P177RG0063 and on:</u> 61 gal. (two 30.5 gal. fuel bays in wing at sta. +112; 60 gal. usable).	
	See Note 1 for data on unusable fuel.	
Oil capacity	<u>Without oil filter:</u> 8 qt. (+44), (2 qt. unusable)	
	<u>With oil filter:</u> 9 qt. (+45). (3 qt. unusable; 2 qt. in sump plus 1 qt. in oil filter).	
	See Note 1 for data on undrainable oil.	
Control surface movements	Wing Flaps	Down 30° + 2°
		-0°
	Aileron	Up 20° ± 2° Down 15° ± 2°
	Stabilator	Up 20° ± 1° Down 5° ± 1°
	Stabilator tab	Up 5° ± 1° Down 13° ± 1°
	Rudder (measured perpendicularly to hinge line)	Right 24° ± 1° Left 24° ± 1°

DATA PERTINENT TO ALL MODELS

Datum	54.0 forward of front face of lower portion of firewall
Leveling means	Jig located nutplates and screws at sta. +213.0 and sta. +238.0 on left of tailcone.
Serial Numbers eligible	F177RG0001 and on. The French Government Certificate of Airworthiness for Export endorsed as noted below under "Import Requirements" must be submitted for each individual aircraft for which application for certification is made.
Certification basis	Part 23 of the Federal Aviation Regulations dated 1 February, 1965 as amended by 23-1 thru 23-6. Application for Type Certificate dated 26 April 1971. Type Certificate No. A26EU issued 17 May 1971 obtained by the manufacturer under delegation option procedures.
Import requirements	A U.S. Airworthiness Certificate may be issued on the basis of a Certificate of Airworthiness for Export signed by a representative of the Secretariat General a l'Aviation Civile (S.G.A.C.) containing the following statement: "The aircraft covered by this certificate has been examined and found to comply with U.S. Federal Aviation Regulation Part 23 dated 1 February 1965 as amended by 23-1 thru 23- 6 and conforms to Type Certificate No. A26EU."
Equipment	The basic required equipment as prescribed in the applicable airworthiness regulations (see Certification Basis) must be installed in the aircraft for certification. In addition, the following item of equipment is required: 1. Stall warning indicator, Cessna dwg 2070002

NOTES

NOTE 1. Current weight and balance report including list of equipment included in certificated empty weight, and loading instructions when necessary, must be provided for each aircraft at the time of original certification.

The certificated empty weight and the corresponding center of gravity locations must include undrainable oil of 0.0 lb. at 44.0 and unusable fuel of 6 lb. at 100.0

NOTE 2. The following placards must be displayed as indicated:

A. Applicable to Model F177RG

(1) In full view of the pilot:

"This airplane must be operated as a normal category airplane in compliance with the operating limitations as stated in the form of placards, markings and manuals.

MAXIMUMS

Maneuvering speed	130 MPH-CAS (113 knots)
Gear extension speed	140 MPH-CAS (122 knots)
Gross weight	2800 lb.
Flight load factor	Flaps up +3.8, -1.52
	Flaps down +2.0

No acrobatic maneuvers, including spins, approved. Altitude loss in a stall recovery 190 ft.
Flight into known icing conditions prohibited. This airplane is certified for the following flight operations as of date of original airworthiness certificate:

IRF - VFR - DAY - NIGHT (AS APPLICABLE).

(2) On control lock: "Control lock - remove before starting engine"

(3) By fuel valve (at appropriate locations):

a. S/N F177RG0001 through F177RG0062:

"ON - 50 GAL."

"OFF"

b. S/N F177RG0063 and on:

"BOTH - 60 GAL."

"LEFT - 30 GAL."

"RIGHT - 30 GAL."

"Use both for take-off and landing."

"When switching from a dry tank, turn auxiliary pump on and use full rich mixture until power is restored."

(4) Aft of fuel tank cap:

a. S/N F177RG0001 through F177RG0062:

"Service this airplane with 100/130 grade aviation gasoline."

"Total capacity 25.5 gal."

"Capacity to line of holes inside filler neck, 22.0 gal."

b. S/N F177RG0063 and on

"Service this airplane with 100/130 grade aviation gasoline."

"Total capacity 30.5 gal."

"Capacity to line of holes inside filler neck, 22.0 gal."

(5) In baggage compartment:

a. "120 lb. maximum baggage."

b. "For additional loading instructions see weight and balance data."

(6) Next to door ventilation windows: "Do not open window above 120 m.p.h. or when using alternate static source."

(7) On airspeed indicator:

a. "Radial red line 195 m.p.h. (CAS)

b. Yellow arc 160 - 195 m.p.h. (CAS)

c. Green arc 70 - 160 m.p.h. (CAS)

d. White arc 60 - 110 m.p.h. (CAS)

