

The United States Of America

Department of Transportation

Federal Aviation Administration

AIRCRAFT

Type Certificate

IMPORT

Number A00001LA

Gippsland Aeronautics Pty. Ltd.
Latrobe Valley Airfield
Victoria, Australia
(P.O. Box 881, Morwell VIC 3840)

This Certificate issued to

certifies that the type design for the following product with the operating limitations and conditions therefor as specified in the Federal Aviation Regulations and the Type Certificate Data sheet, meets the airworthiness requirements of Part 21 of the Federal Aviation Regulations.*

*21.25 (Restricted Category) using amendments 1 through 36
of Part 23 and 21.29 (for import products)

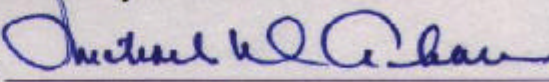
Airplane Models: GA200, GA200C


This Certificate, and the Type Certificate Data sheet which is part hereof, shall remain in effect until surrendered, superseded, revoked, or a termination date is otherwise established by the Administrator of the Federal Aviation Administration.

Date of application : June 17, 1994

Date of issuance : October 15, 1997
Model GA200C approved December 9, 1999

By direction of the Administrator

(Signature) 

(Title)  Gilbert L. Thompson
Manager, Los Angeles Aircraft Certification Office

This certificate may be transferred if endorsed as provided on the reverse hereof.

Any alteration of this certificate and / or the Type Certificate Data Sheet is punishable by a fine of not exceeding \$1,000, or imprisonment not exceeding 3 years, or both.

Leveling Means	Longitudinal: Level along top longerons at the fuselage cockpit horizontal. Lateral: Level across top longerons at the fuselage cockpit.
Maximum Weight	Take-off 2900 lbs. (1315 kg.) Landing 2900 lbs. (1315 kg.)
Hopper	Capacity 1200 lbs. (544 kg.) at + 42.8 inches (+ 1088 mm).
No. of seats	Two Pilot Arm: +84.0 inches (+2134 mm). Second Occupant Arm: +85.2 inches (+2163 mm).
Fuel Capacity	Main wing tanks 2 (1 tank each wing) Total each tank 27.7 US Gallons (105 litres) at +51.3 inches (+1303 mm) Useable each tank 26.4 US Gallons (100 litres) at +51.2 inches (+1300 mm) Unusable each tank 1.3 US Gallons (5 litres) at +54.0 inches (+1376 mm) Collector tank (Header tank) Total capacity is Unusable fuel. Total 3.2 US Gallons (12 litres) at +11.9 inches (+302 mm) See Note 1
Oil Capacity	Total capacity 12 US quarts (11.4 litres) at -21.3 inches (-541 mm) Useable 9.3 US quarts (8.8 litres) at -21.3 inches (-541 mm) See note 1
Control Surface Movements	Aileron Up $24^{\circ} \pm 1^{\circ}$ Down $24^{\circ} \pm 1^{\circ}$ Elevator Up $27^{\circ} \pm 1^{\circ}$ Down $20^{\circ} \pm 1^{\circ}$ Rudder L & R $22^{\circ} \pm 1^{\circ}$ Wing flaps Retracted $0^{\circ} \pm 1^{\circ}$ Take-off $15^{\circ} \pm 1^{\circ}$ Landing $38^{\circ} \pm 1^{\circ}$

All measurements refer to hinge line rotation.

Serial Numbers Eligible 17F through 999F.

II. GA200C (Restricted Category) Approved November 18, 1999

Engine	Avco Lycoming IO-540-K1A5 Type Certificate: 1E4
Fuel	100LL or 100/130 aviation gasoline.
Engine Limits	2700 r.p.m. and 300 HP for all operations.

Control Surface Movements	Aileron	Up	$24^{\circ} \pm 1^{\circ}$
		Down	$24^{\circ} \pm 1^{\circ}$
	Elevator	Up	$27^{\circ} \pm 1^{\circ}$
		Down	$20^{\circ} \pm 1^{\circ}$
	Rudder	L & R	$22^{\circ} \pm 1^{\circ}$
	Wing flaps	Retracted	$0^{\circ} \pm 1^{\circ}$
		Take-off	$15^{\circ} \pm 1^{\circ}$
Landing		$38^{\circ} \pm 1^{\circ}$	

All measurements refer to hinge line rotation.

Serial Numbers Eligible C23F and up

Import Requirements

A United States airworthiness certificate may be issued on the basis of an Australian Export Certificate of Airworthiness signed by a representative of the Civil Aviation Safety Authority (CASA) containing the following statement:
GA200: "The airplane covered by this certificate has been examined, tested and found to comply with the Master Drawing List GA200-01-02-01 Issue 1 and General Specifications B14-00-01 at issue G or later CASA approved revisions approved under U.S. Type Certificate No. A00001LA and to be in a condition for safe operation."
GA200C: "The airplane covered by this certificate has been examined, tested and found to comply with the Master Drawing List GA200-01-02-06 Issue 1 and General Specifications B14-00-31 at issue B or later CASA approved revisions approved under U.S. Type Certificate No. A00001LA and to be in a condition for safe operation."

The U.S. airworthiness certification basis for this airplane type certificated under FAR 21.29 and exported by the country of manufacture is FAR 21.185(c).

Certification Basis

FAR 21.25 (a) (1), FAR 21.25 (b) (1), FAR 21.25 (b)(2) and FAR 23, dated December 18, 1964, with amendments 1 through 36 "Airworthiness Standards for Normal Category Airplanes", except Section 23.562 (see letter dated April 5, 1995, from Manager, LAACO) for the special purpose of:

- (1) Agricultural operations under FAR 21.25 (b)(1).

Note: In accordance with FAR 36.1(a)(2), compliance with the noise requirements was not shown. Therefore, airplane certificated under this Type Certificate are only eligible for agricultural operations excepted by FAR 36.1(a)(2) and defined under FAR 137.3.

- (2) Forest and wildlife conservation under FAR 21.25(b)(2).

Note: In accordance with FAR 36.1(a)(2), compliance with the noise requirements was not shown. Therefore, airplane certificated under this Type Certificate are only eligible for dispensing fire fighting materials excepted by FAR 36.1(a)(2) and defined under FAR 137.3.

Noise Control Act of 1972, which has been recodified into USC Title 49, Section 44715(a)(3).

See Note 6 for a finding of an equivalent level of safety to the requirements of FAR 23.1337(b)(1).

TC A00001LA issued on October 15, 1997.

Date of application for the Type Certificate (Restricted Category for agricultural use and dispensing fire retardant only): June 17, 1994.

Equipment

The basic required equipment as prescribed in the applicable airworthiness regulations (see Certification Basis) must be installed in the airplane for certification.

GA200: In addition the approved Aircraft Flight Manual Report No B01-01-21 dated October 8, 1997, or later approved version, must be carried.

GA200C: In addition the approved Aircraft Flight Manual Report No B01-01-26 dated October 1, 1999, or later approved version, must be carried.

See Note 5.

Notes

Note 1.

A current weight and balance report, including a list of equipment included in the certificated empty weight, and loading instructions when necessary, must be provided for each airplane at the time of original certification.

GA200: The certificated empty weight and the corresponding center of gravity location must include full oil (22.2 lbs. at -21.3 inches) and unusable fuel (15.6 lbs. in main tanks at + 54.0 inches and 19.2 lbs. in header tank at + 11.9 inches).

GA200C: The certificated empty weight and the corresponding center of gravity location must include full oil (22.5 lbs. at -21.3 inches) and unusable fuel (15.6 lbs. in main tanks at +54.0 inches and 14.4 lbs. in collector tank at +62.2 inches).

Note 2.

All required placards in the CASA approved Pilot's Operating Manual (for the FAA) and the FAA approval Airplane Flight Manual must be installed in the appropriate locations.

The following placard must be installed in plain view of the pilot:

"Restricted Category airplane for agricultural use and dispensing fire retardant only"

The following placards must be installed in plain view of the occupants:

- A. "All occupants must wear an approved crash helmet when operating this aircraft".
- B. "The use of the second seat is restricted by requirements in FAR 91.313."
- C. Other placards as per approved Pilot's Operating Handbook and Airplane Flight Manual, Report B01-01-21 for the GA200 and Report GA200 B01-01-26 for the GA200C.

Note 3.

Service life of structural components are listed in the Airworthiness Limitations Section, Chapter 4, of the Service Manual. The Airworthiness Limitations Section was approved by CASA (for the FAA). Revisions to this section must be approved by CASA on behalf of the FAA. The relevant report numbers for these manuals are: GA200 – B01-00-21 and GA200C – B01-00-26

Note 4.

Instructions for continued airworthiness must be completed and acceptable to the Administrator prior to the delivery of the first airplane under the US Type Certificate. The relevant report numbers for these instructions are: GA200 – B01-00-21 dated July 31, 1997, and GA200C – B01-00-26 dated August 2, 1999.

Note 5.

GA200: The Airplane Flight Manual, Report No. B01-01-21, dated October 8, 1997 was approved by CASA (for FAA). Revisions to this report must be approved by CASA on behalf of the FAA.

GA200C: The Airplane Flight Manual, Report No. B01-01-26, dated October 1, 1999 was approved by CASA (for FAA). Revisions to this report must be approved by CASA on behalf of the FAA.

Note 6.

GA200: Equivalent level of safety finding No. ACE-97-2. The fuel quantity indicators and corresponding markings for the wing and header tanks provide an equivalent level of safety to the requirements of FAR 23.1337 (b)(1).

GA200C: Equivalent level of safety finding No. ACE-99-04. The fuel quantity indicators and corresponding markings for the wing and collector tanks provide an equivalent level of safety to the requirements of FAR 23.1337 (b)(1).

END