



TCDS No A-3 Pt 2
Revision 14
NZSkydive Ltd
FU24-950
FU24A-950
FU24-954
FU24A-954
11 June 2024

TYPE CERTIFICATE DATA SHEET No A-3. Part 2

This data sheet together with Type Certificate Data Sheet Part 1 (I- Model FU24 and II- Model FU24A, approved 2 February 1967), which is part of Type Certificate No. A-3, prescribes the conditions and limitations under which the product for which the Type Certificate was issued meets the Airworthiness Requirements of the New Zealand Civil Aviation Rules.

Type Certificate Holder: **NZSkydive Ltd.**
Trading as NZAero
333 Airport Road
Hamilton
New Zealand

Type Certificate Holder Record: **Transferred from Pacific Aerospace Ltd to NZSkydive Ltd on 29 November 2021.**

Transferred from Pacific Aerospace Corporation Ltd to Pacific Aerospace Ltd on 12 December 2006.

III- Model FU24-950. Approved 11/12/70

Engine: Lycoming IO-720-A1A, or -A1B.

Fuel: 100/130 minimum grade aviation gasoline.

Engine Limits: For all operations: 2650 RPM full throttle (400 HP).

Propeller and Limits: Hartzell HC-C3YR-1F/F8475 or HC-C3YR-1RF/F8475R or HC-C3YR-1RF/F8483. Diameter 86 in max, 84 in min. Governor model Hartzell F4-1D.

Airspeed Limits:

Never Exceed	143 kt CAS
Max. Structural Cruising	114 kt CAS
Manoeuvring	114 kt CAS
Flaps Extended	86 kt CAS

CG Range:

Fwd Limit:	.25 m AOD at 1700 kg or less.
	.43 m AOD at 2204 kg.
	.51 m AOD at 2463 kg.
Aft Limit:	.64 m AOD at all weights.
	Linear variation between these points.

Empty Weight CG Range: None.

Datum: Wing leading edge.

Levelling Means: Fuselage upper longerons and bulkhead in cargo area.

Maximum Weight: 2204 kg Standard Category.
 2463 kg Agricultural Category.

Page	1	2	3
Revision	14	14	14

VI- Model FU24A-954. Approved 23/6/78

For all data refer to model V with the exception of the following: (This model is a dual control version of model V).

Number of seats: Two at .06 m fwd of datum.

Drawing List NZAIL Drg No. 248750.

Data Pertinent to Models III, IV, V and VI

Certification Basis: New Zealand Civil Airworthiness Requirements current on 11/12/70.

NZDCA letters 61/34/1 of 4 April 1965 to Air Parts (NZ) Ltd, and 5 May 1964 to Air New Zealand Ltd.

US Civil Air Regulations Part 3 amended to 16 May 1953, except:

1. CAR 3.120(f) is not met unless equipment to FAC Drg No. 241208 or AP Drg No. 246312 is fitted.
2. CAR 3.295 is not met unless provision for ventilation in accordance with AP Drg No. 247995 has been incorporated.

These exceptions apply to aircraft used solely for agricultural operations.

Equipment: The basic required equipment as prescribed in the applicable airworthiness regulations (see certification basis) must be installed in the aircraft for certification and the following MoT/CAD approved Flight Manual is required: AIR 134.

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

NOTE 2: Placards and instrument markings must be displayed in accordance with the approved Flight Manual.

NOTE 3: Data listed in Part 1 of this data sheet do not apply to models listed in Part 2.

- End -