



A-5
Revision 5
Pacific Aerospace Ltd
Fletcher 1060
12 December 2006

TYPE CERTIFICATE DATA SHEET No A-5

This data sheet, which is part of Type Certificate No. A-5 prescribes conditions and limitations under which the product for which the Type Certificate was issued meets the New Zealand Civil Aviation Rules.

Type Certificate Holder: **Pacific Aerospace Ltd**
Hamilton

Transferred on 12/12/06 from: **Pacific Aerospace Corporation Ltd**
Hamilton

I. - MODEL FLETCHER 1060 Approved 6 June 1969

Engine: Pratt and Whitney PT6A-20
 Fuel: Jet A1 turbine fuel (D. ENG.R.D. 2494 (AVTUR/50))
 Propeller: Hamilton Standard 23LF-331
 Engine Limits: Refer engine manufacturer's specifications but not to exceed 500 ESHP.
 Take-off and max. cont. cruise torque pressure 38.5 psi; Max. inter-turbine temp. 705°C; Max. ITT starting only 850°C.
 Airspeed Limits: Manoeuvring V_p 132 MPH IAS
 Maximum Structural Cruising V_{no} 154 MPH IAS
 Never Exceed V_{ne} 193 MPH IAS
 Flap Extended V_f 97 MPH IAS
 CG Range: (+21.6") to (+23.0") at 5450 lb
 (+18.0") to (+23.0") at 4860 lb
 (+10.0") to (+23.0") at 3550 lb or less
 Straight line variation between the points given.
 Empty CG Range: None.
 Datum: Leading edge of inner wing.
 Levelling means: Fuselage upper longerons and bulkhead in cargo area.
 Maximum Weight: Standard Category 4860 lb
 Agricultural Category 5450 lb
 Nr of Seats: 2 (-2.2)

Page	1	2	3
Revision	5	4	4

Maximum Hopper Load: 3000 lb (Structural Limit) (35.5")

Fuel Capacity: Two wing tanks 34.5 imp/gals capacity each.
Total usable fuel 64 imp/gals.
Unusable fuel: 5 imp/gals.

Oil Capacity: 2.3 US gals (1.9 imp.gals) total.

Other Operating Limitations: Aircraft shall be operated in compliance with the operating limitations specified in the New Zealand Department of Civil Aviation Approved Flight Manual.

Control Surface Movements: Elevator (chord line measured with aeroplane level):
Nose down : 20° Nose up : 5°
Elevator tab measured with respect to elevator:
Trailing edge down 3.5° (Elevator 5° Nose up)
Trailing edge up 9.0° (Elevator 20° Nose down)

Rudder : Right : 30° Left : 30°
Aileron : Down : 10° Up : 25°
Flaps : Down : 40°

Serial Nrs Eligible: 1001 to 2000.

Required Equipment: In addition to the basic required equipment as prescribed in the applicable Civil Aviation Regulations, the items of equipment in accordance with Final Assembly Drawing 248601 must be installed.

Aircraft Manuals: MOT CAD Approved Flight Manual Nr Air 54 dated 10 February 1969.
Current Weight and Balance Report (including list of equipment included in the certified empty weight and loading instructions) must be provided for each aircraft in the Approved Flight Manual at the times of original certification.
Fletcher 1060 Agricultural Aircraft: Maintenance, Overhaul Repair Manual dated February 1968.
Pratt and Whitney PT6A-20
Overhaul Manual P/Nr 3011403 Rev. 3 14 June 1968.
Maintenance Manual P/Nr 3011402 31 October 1966.
Parts Catalogue P/Nr 3011404 22 April 1968.

Drawing List: Air Parts (NZ) Ltd Report Nr 101/24. (Fletcher Fu24)
Revised August 1966 with Addendum for Fletcher 1060 issued 6 January 1969.

Certification Basis: US FAR 23; NZCAR Part II Section C sub-section C10 leaflets C10-3 through C10-6, draft leaflets C10-1, C10-2 and C10-7 through C10-9. (Effective date: November 1966); and Special Conditions contained in NZ DCA letter to Air New Zealand dated 29 June 1967.

Placards: Placards to be displayed in accordance with the Ministry of Transport Civil Aviation Division Approved Flight Manual.

Modifications: Air Parts (NZ) Ltd Modification Nr AP-29
Four wing fuel tanks 19.5 imp.gals. capacity each.
Total usable fuel 73 imp.gals.
Unusable fuel 5 imp.gals total.
Wt and loading data:
Fuel Total Cap. 78 imp.gals. 562 lb at +9.8" of datum.

- End -