

APPENDIX II

GENERAL REFERENCE DATA

Hydraulic Pressures

Main Pump Pressure	2,800–3,050 p.s.i.
Warning Light Setting	600 p.s.i.
Powered Control Magnetic Indicators ..	200 p.s.i.
Elevator Accumulator	1,575 p.s.i.
Aileron Accumulator	900 p.s.i.
Brake Accumulator (<i>minimum</i>)	750 p.s.i.
Brake Differential (<i>each Brake</i>) ..	1,500/1,650 p.s.i.

Landing Gear Pressures

Leg

Main Wheels	2,000 p.s.i.
Nose Wheel	2,000 p.s.i.

Tyre Pressures

(With or without external stores
except 230 gall. drop tanks)

Main Wheels	200 p.s.i.
Nose Wheel	115 p.s.i.

(With 230 gall. drop tanks)

Main Wheels	210 p.s.i.
Nose Wheel	115 p.s.i.

Engine Fuel and Oil

Fuel (*as applicable*)

AVTUR

(Ref. 34A/9100449)

AVTAG

(Ref. 34A/9100448)

Oil (OX-38)

(Ref. 34A/9100591)

Engine Starter

Plessey (L.T.S.A. 150) Liquid Fuel Starter.

Iso Propyl Nitro — AVPIN (Ref. 34A/9423147).

APPENDIX II (Contd.)

Avon Mk. 207	Max.		Time.
	R.P.M.	J.P.T.	
Max. Take-off and Operational necessity	8,000 (±50)	*685°C.	{ 10 minutes Combined Limit
Intermediate	7,800	660°C.	30 minutes
Max. Continuous	7,600	630°C.	Unrestricted
Approach	4,500 (min.)	425°C.	Unrestricted
Ground Idling	2,500 (+200 —0)	525°C.	Unrestricted

The J.P.T. Controller is set at 685°C. (plus or minus 5°C.).

Note . . .

The governed speed may be permitted to rise to 8,150 r.p.m. during a full throttle climb, provided the limiting J.P.T. is not exceeded.

* This temperature may be exceeded during hot re-slam accelerations and may be permitted to rise to 740°C. for not more than 10 seconds.

Oil Pressures

Normal at 7,600 r.p.m.	35 p.s.i.
Minimum at 7,600 r.p.m.	25 p.s.i.
Minimum at 2,500 r.p.m.	10 p.s.i.

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