

P2008 NORMAL CHECKS

Prestart

Seats	Adjusted
Doors	Closed
Seatbelts	Fastened
Area	Clear & Suitable

Start

Park Brake	On
Throttle Friction	Set
Choke	As Required
Heater Vents	Closed
Fuel Selector	Lowest Tank
Heater	Off
Nav Lights	On
Circuit Breakers	In
Standby Instruments	Set
Masters	On
Alt Light	On
Aux Gen	On
EFIS / EMS	On
Flaps	Up
Temp, Press	Check
Prop and Area	Clear
Prime (Fuel Pump)	2 seconds
Start	Key Start

After Start

Oil Pressure	Active
Choke	Off
Throttle	2000 RPM
Volts & Amps	Charging
Ignition	L, R, Both
Avionics Master	On
Radio / Intercom	Set
PFD / MFD	Set

Taxi Checks

Brakes	Check
Instruments	Moving Freely
Compass	Moving Freely

Run Ups / Power Checks

Parked	Into Wind
Park Brake	Set
Temp, Press.	Above 50° & Active
Fuel Selector	Fullest Tank
Alt Light	Off
Power	4000 RPM
Brakes	Holding
Magnetos	L, Both, R, Both <i>Max drop 300RPM, Max difference 120RPM</i>
Temp, Press	Stable
Power	Throttle Closed
Power	2000 RPM

Pre Take off Checks (DVA's)

Too	Trim	Set (L/R, Neutral)
	Throttle Friction	Set
Many	Mixture	N/A
	Masters	On
Pilots	Primer	N/A
	Pitch	Fixed
Fly	Flap	Set
	Fuel	Pump On
		Pressure
		Contents
	Timer	
In	Instruments	Set
	Ignition	Both
High	Hatches	Doors Locked
	Harnesses	Fastened
Cloud	Choke	Off
	Controls	Full and Free
	Clear	Clearing turn

Line Up Checks

Windsock	Checked
Lights	All On
Camera	TSPNDR ALT
Action	Temp, Press

DO NOT REMOVE FROM AIRCRAFT

NORMAL CHECKS cont.

HASELL

H	Height	Suitable for Recovery
A	Airframe	State Configuration
S	Security	Cockpit Secure
E	Engine	Temps and Press Fuel Pump ON
L	Location	Suitable
L	Lookout	Clearing Turn
L	Lights	All ON

SADIE

S	Suction	Not Applicable
A	Ammeter	Charging
D	Directional Indicator	Not Applicable
I	Icing	Check
E	Engine	T and P's, CO Det.

Pre-landing Checks - BUMFISH

B	Brakes	Pressure
U	Undercarriage	Fixed
M	Mixture	Full Rich
F	Fuel	Fuel Pump On
I	Ignition	On Both
S	Security	Cockpit Secure
H	Hatches & Harnesses	Secure

After Landing Checks

Vacate Runway	
Radio	Call
Flaps	Retracted
Fuel Pump	Off
Landing Light, Strobe	Off

Shut Down

ELT	Tune and Squelch 121.5
Radio	119.5
Avionics Master	Off
Power	Idle
Magnetos	Left, Both, Right, Both, Off
Hours	Log
EFIS / EMS	Off
Aux Gen & Masters	Off
Key	Out

DO NOT REMOVE FROM AIRCRAFT

EMERGENCY CHECKS

Engine Fire On Start

Starter	Crank Engine
Fuel Selector	OFF
Throttle	Full Throttle
Fuel Pump	OFF
Masters	OFF

Abandon Aircraft If Fire Continues

Engine Fire In Flight

Fuel Selector	OFF
Throttle	Closed
Fuel Pump	OFF
Cabin Heat	OFF
Cabin Vents	Open
Ignition	OFF

Proceed With A Forced Landing

Loss Of Oil Pressure

Reduce RPM, Check Oil Temp
Land As Soon As Practicable
Be prepared for engine failure and force landing

Loss Of Fuel Pressure

Fuel Pump	ON
Fuel Selector	Change Tank
Land As Soon As Practicable	

Generator Failure

Verify Failure
Reduce Electrical Load
Land As Soon As Practicable

Operating Information

Vs1	48 kts	VX	63 kts
Vs0	40 kts	VY	69 kts
VFE	71 kts	Best Glide	65 kts
VNO	113 kts	Demo Xwind	15 kts
VA	98 kts	Slow Flt Clean	60 kts
VNE	145 kts	Slow Flt Dirty	50 kts
Normal Approach	55 kts		
Precision Approach	50 kts		
Poor Visibility Config	15° Flap, 65kts		
Min Static RPM – ISA SL	4800 RPM		
Fuel Burn	20 litres per hour		
Minimum Oil	2.5L		