

FLIGHT DECK PREPARATION

* 1	Outside check	COMPLETED
2	Aeroplane papers	ABOARD
3	Parking brake	SET
* 4	Magnetos	OFF
* 5	Electrical switches	OFF
* 6	Flight controls	FREE
7	Gear lever	DOWN
* 8	Cowl flaps	INTERMEDIATE
9	Trim controls	CHECKED
* 10	Circuit breakers	CHECKED
* 11	Battery switch	ON
12	Annunciator panel / internal lights.....	CHECKED
13	Landing gear lights	3 GREEN
* 14	Fuel check	PERFORM
* 15	Battery switch	OFF

BEFORE ENGINE START

1	Aeroplane preparation	COMPLETED
2	Doors	CLOSED
3	Parking brake	SET
4	Seat belts	ON
5	Ground clear switch	ON
6	Start up clearance	RECEIVED
7	Ground clear switch	OFF

ENGINE START

1	Battery switch	ON
2	Alternators	ON
3	Anticollision light	ON
4	Propeller area	CLEAR
5	Engine start	PERFORM

AFTER ENGINE START

1	Avionics switch	ON
2	Autopilot	CHECKED
3	Instruments	CHECKED
4	NAV lights	AS REQUIRED
5	ATC clearance	VERIFIED

RUN UP CHECK

1	Parking brake	SET
2	Run up	PERFORM

BEFORE DEPARTURE

1	Flight controls	CHECKED
2	Trim	CHECKED / SET
3	Flaps	SET FOR T/O
4	Fuel check	PERFORM
5	Cowl flaps	INTERMEDIATE
6	Friction	SET
7	Propellers	HIGH RPM
8	ATC clearance.....	RECHECKED
9	Take off briefing	COMPLETED

PARKING

1	Parking brake	SET
2	Heater	CHECK
3	Avionic switch	OFF
4	Throttles	FULL AFT
5	Mixture	IDLE CUTOFF
6	External ligths	ALL OFF
7	Magnetos	OFF
8	Alternators	OFF
9	Flighttime recorder, log book	CHECKED, NOTED
10	Internal ligths	ALL OFF
11	Battery switch	OFF
12	Parking brake	AS REQUIRED
13	Controls	SECURED
14	Aeroplane.....	TIED DOWN

POWER SETTINGS

Take-off power	38" MP	high RPM	full rich
Climb power	33" MP	2600 RPM	full rich
Cruise power ~55%	27" MP	2400 RPM	EGT max.1400°
Descent power	15-22" MP	2400 RPM	enriching
Approach power	12-18" MP	high RPM	full rich
Go around power	38" MP	high RPM	full rich

VITAL SPEEDS

Gear ops.	retract: 108	extend: 130	
Flaps	10°: 140 kts	25°: 122 kts	40°: 115 kts
Takeoff	Vmc 66 kts	Vxse 78 kts	Vyse 92 kts
max demo. x-wind	17 kts		