

<b>COCKPIT PREPARATION</b>	
THROTTLES .....	IDLE
LDG GEAR HANDLE .....	DOWN
FLAPS LEVER .....	UP
SWITCHES .....	OFF
CIRCUIT BREAKERS .....	CHECKED
PARKING BRAKE .....	ON
ALTIMETERS .....	SET & COMPARED
AVIONICS MASTER.....	OFF
FUEL SELECTORS .....	OPEN
PROPELLER LEVER.....	MAX RPM
MIXTURE.....	CUT OFF
TRIMS.....	SET
BATTERY.....	OFF
ALTERNATOR.....	OFF
DEPARTURE BRIEFING.....	DONE

<b>BEFORE ENGINE START</b>	
BATTERY .....	ON
FUEL .....	QUANTITY ANNOUNCED
MAGNETOS .....	ON
STROBES .....	ON
MIXTURE .....	FULL RICH
THROTTLE .....	1/4 OPEN
FUEL PUMP .....	ON

<b>ENGINE START UP</b>	
EXTERIOR SECURITY .....	CHECKED
STARTER 1 .....	engage then 1000 RPM
ALTERNATOR .....	ON
FUEL PUMP .....	OFF
AVIONICS MASTER .....	ON

<b>BEFORE TAXI</b>	
RADIO AIDS .....	SET
FLAPS .....	T/O
FLIGHT CONTROL .....	CHECKED
EXTERIOR SECURITY .....	CHECKED
PARKING BRAKE .....	RELEASED
BRAKES / STEERING .....	CHECKED

<b>BEFORE TAKE OFF</b>	
BRIEFING T/O .....	DONE
FUEL PUMP .....	ON
PITOT HEAT .....	ON
ENGINE CHECKS .....	PERFORMED
LANDING LIGHT .....	ON
SQUAWK .....	ALT
ROTATION SPEED .....	55 KT

<b>AFTER TAKE OFF</b>	
LANDING GEAR .....	UP
FLAPS .....	UP
POWER .....	2500 RPM
FUEL PUMP .....	OFF
CLIMB SPEED .....	87 KT
LANDING/TAXI LIGHT .....	OFF
ALTIMETERS .....	STD, SET & COMPARED

<b>CRUISE</b>	
THROTTLE/RPM .....	24 / 2400
MIXTURE .....	SET
ETA .....	DONE
TOD .....	DONE

<b>DESCENT</b>	
MIXTURE .....	FULL RICH
WEATHER/ATIS TOD - 10 .....	ANALYSE
RADIO AIDS .....	SET
LANDING LIGHT .....	AS REQUIRED
BRIEFING .....	DONE

<b>APPROACH</b>	
ALTIMETERS .....	QNH, SET & COMPARED
FUEL PUMP .....	ON
FLAPS .....	APP

<b>BEFORE LANDING</b>	
PROPELLER LEVER.....	FULL FORWARD
MIXTURE .....	FULL RICH
LANDING GEAR .....	DOWN
FLAPS .....	AS REQUIRED
LANDING LIGHT .....	ON

<b>AFTER LANDING</b>	
FLAPS .....	UP
LDG LIGHTS .....	OFF
TAXI LIGHT.....	ON

<b>ENGINE SHUT DOWN</b>	
PARKING BRAKE .....	ON
TAXI LIGHTS .....	OFF
STROBES LIGHT.....	OFF
SQUAWK .....	OFF
FUEL PUMP .....	OFF
AVIONICS MASTER .....	OFF
THROTTLE .....	IDLE
MIXTURES .....	CUT OFF
MAGNETOS .....	OFF
ALTERNATOR .....	OFF
BATTERY MASTER .....	OFF

CHECKLIST	<b>COMPLEX SEP - NORMAL CHECKLIST</b>	Version 1.1
COMPLEX SEP		08/08/18

FLIGHT PHASE	FLIGHT PHASE		CONFIG		ENGINE		
	PITCH	IAS	GEAR	FLAPS	MP	RPM	MIXTURE
ROTATION	+ 10	65-75	DOWN	10	29	2700	100 %
VX	+ 13	70	UP	0	29	2700	100 %
VY	+ 9	87	UP	0	29	2700	100 %
CRUISE CLIMB	+ 5	104	UP	0	25	2500	100 %
CRUISE	0	125	UP	0	24	2400	75 %*
DESCENT VNO	- 3	148	UP	0	22	2400	100 %
CRUISE DESCENT	- 2.5	130	UP	0	18	2400	100 %
HOLD	+ 1	105	UP	0	20	2400	100 %
FINAL APPROACH	- 2	85	DOWN	10	15	2700	100 %
FINAL 1.3 Vs0	- 1	74	DOWN	40	15	2700	100 %

Service ceiling: 13,000 ft

Each variation of 100 RPM corresponds to the following variation:

- +/- 5 KT
- +/- 100 ft/min

\* below 3000 ft, reset mixture full rich 100%

VNE	190 KIAS
VA at 2750 lbs	121 KIAS
VA at 1863 lbs	96 KIAS
VNO Normal Operating Speed	149 KIAS
VFE	108 KIAS
MAXIMUM CROSSWIND	17 KIAS
Normal CLIMB (gear up, flaps up)	87 KIAS
Normal CLIMB (gear down, flaps up)	76 KIAS
VY	79 KIAS
VX	59 KIAS
FINAL 1.3 Vs0	74 KIAS
Stall Speed Flaps UP	58 KIAS
Stall Speed Flaps DOWN	53 KIAS

FUEL TOTAL CAPACITY	77 US GALLONS
MTOW	2750 LBS