



**PRESTART**

1. PREFLIGHT INSPECTION	COMPLETE
2. PARKING BRAKE	SET
3. DOCUMENTS	CHECKED
4. EMERGENCY EQUIPMENT	CHECKED
5. PAX BRIEF	GIVEN
6. SEATS AND BELTS	CHECKED
7. CONTROL LOCK	REMOVED
8. CIRCUIT BRAKERS	CHECKED
9. RADIOS & EL. EQUIPMENT	OFF
10. FUEL SELECTOR	BOTH
11. MIXTURE	RICH
12. CARBURETOR HEAT	OFF
13. BAT. MASTER/ALTERNATOR	ON
14. BEACON	ON
15. PRIME	AS REQUIRED
16. THROTTLE (1 CM)	SET
17. POS./SURROUNDINGS	CHECKED
18. STARTER	ENGAGE
19. OIL PRESSURE (MAX 30 SEC)	CHECKED

**AFTER START**

1. EFIS MASTER	ON
2. NAV LIGHTS	AS REQUIRED
3. RADIOS & NAV. EQUIP	ON
4. TRANSPONDER	STANDBY
5. FLAPS	UP
6. ALTIMETERS (MAX ERROR ±60', DIFF ±90')	QNH SET/CHKD

**TAXI**

1. BRAKES	TESTED
2. FLIGHT INSTRUMENTS	CHECKED

**BEFORE TAKE-OFF**

1. PARKING BRAKE	SET
2. DOORS & WINDOWS	LOCKED
3. FLIGHT CONTROLS	FREE & CORRECT
4. TRIM	T/O POSITION
5. FLIGHT INSTRUMENTS	CHECKED
6. FUEL SELECTOR	BOTH
7. MIXTURE	RICH
8. OIL TEMPERATURE	GREEN
9. POS./SURROUNDINGS	CHECKED
10. THROTTLE	1700 RPM
11. MAGNETOS (MAX DROP 125, DIFF 50)	CHECKED
12. CARBURETOR HEAT	CHECKED
13. SUCTION (4.6 – 5.4)	CHECKED
14. ENGINE INSTRUMENTS	CHECKED
15. AMMETER	CHECKED
16. THROTTLE (600 ± 25 RPM)	IDLE – 1000 RPM
17. THROTTLE FRICTION	ADJUSTED
18. FLAPS	SET
19. RADIOS & NAV. AIDS	SET
20. DEPARTURE & EMERGENCY BRIEF	GIVEN

**LINEUP**

**(MEMORY ITEMS)**

1. LANDING LIGHT	ON
2. STROBE	ON
3. PITOT HEAT	AS REQUIRED
4. TRANSPONDER	ALTITUDE
<b>5. RWY &amp; COMPASSES</b>	<b>CHECKED</b>

**CLIMB**

**(ABOVE 1000' AGL)**

1. FLAPS (300' AGL)	UP
2. LANDING LIGHT	AS REQUIRED
3. ENGINE INSTRUMENTS	GREEN
4. ALTIMETERS	QNH/1013

**CRUISE**

**(EVERY 30 MINS)**

1. POWER (2200 RPM)	SET
2. MIXTURE	LEANED
3. FUEL & ENGINE INSTRUMENTS	CHECKED

**DESCEND**

1. MIXTURE	RICH
2. CARBURETOR HEAT	AS REQUIRED
3. ALTIMETERS	QNH/1013

**APPROACH**

1. ATIS	RECEIVED
2. ALTIMETERS	QNH
3. FUEL SELECTOR	BOTH
4. MIXTURE	RICH
5. SEATS AND BELTS	CHECKED
6. LANDING LIGHT	ON
7. APPROACH BRIEFING	GIVEN

**BEFORE LANDING**

1. CARBURETOR HEAT	ON
2. MIXTURE	RICH
3. FLAPS	SET

**AFTER LANDING**

1. CARBURETOR HEAT	OFF
2. FLAPS	UP
3. LANDING LIGHT	OFF
4. STROBE	OFF
5. PITOT HEAT	OFF
6. TRANSPONDER	OFF

**PARKING**

1. PARKING BRAKE	SET
2. EFIS MASTER	OFF
3. RADIOS & EL. EQUIPMENT	OFF
4. NAV LIGHTS	OFF
5. THROTTLE	IDLE
6. MAGNETOS	GROUND CHKD
7. THROTTLE	1000 RPM
8. MIXTURE	IDLE CUTOFF
9. MAGNETOS	OFF
10. FUEL SELECTOR	OFF
11. BEACON	OFF
12. BAT. MASTER/ALTERNATOR	OFF
13. CONTROL LOCK (RIGHT SIDE)	INSTALLED
14. DOCUMENTS	COMPLETED

**V SPEEDS**

V <sub>R</sub> .....	55 KTS	V <sub>S0</sub> .....	42 KTS
V <sub>X</sub> .....	59 KTS	V <sub>S1</sub> .....	47 KTS
V <sub>Y</sub> .....	73 KTS	V <sub>FE</sub> .....	85 KTS
V <sub>CRUISECLIMB</sub> .....	80 KTS	V <sub>A</sub> .....	97 KTS
V <sub>NO</sub> .....	128 KTS	V <sub>NE</sub> .....	160 KTS
V <sub>GLIDE</sub> .....	65 KTS	X-WIND .....	15 KTS