

COCKPIT CHECKLIST

Preflight inspection	COMPLETED
A/C doc & papers	ABOARD
Seat & seatbelts	FASTENED
Cabin doors	CLOSED & LOCKED
Circuit breakers	CHECKED
Avionic master & A/P	OFF
Alternate static-air	OFF
Cowl flaps	OPEN
Battery & alternator	ON
Landing gear	DOWN/GREEN
Warning horn	TEST
Fuel selectors	BOTH
Fuel quantity	CHECKED

COCKPIT CHECKLIST COMPLETED

BEFORE START CHECKLIST

Beacon	ON
Parking brake	SET
Cowl flaps	OPEN

BEFORE START CL COMPLETED

STARTING ENGINE LIST

Mixture/Throttle	RICH/OPEN
Propeller	HIGH RPM
Carburetor heat	OFF
Aux. fuel-pump	ON-PEAK-OFF
Throttle	CLOSE
Propeller area	CLEAR
Starter	ON
Throttle	1000 RPM
Oil pressure	CHECK
Alternator	ON / CHECK
Low voltage light	OFF
Suction	CHECK

ENGINE START LIST COMPLETED

AFTER START CHECKLIST

Avionic master	ON
Radio & Nav setting	SET
Gyro	SET

Altimeter 1 and 2	SET
Autopilot	TEST / -/-

AFTER START CL COMPLETED

TAXI CHECKLIST

Taxi light	ON
Brakes	CHECKED
Flight instruments	CHECKED
Flight controls	FREE & CORRECT
Wing flaps	CHECKED AND SET
Fuel selectors	LEFT OR RIGHT

TAXI CL COMPLETED

ENGINE RUN-UP LIST

Parking brake	SET
Engine instruments	IN LIMITS
Elevator & rudder trim	SET FOR T/O
Throttle	1700 RPM
-Propeller	CHECK
-Carburetor heat	CHECK
-Magnetos	CHECK
-Suction	CHECK
Throttle	1000 RPM

ENGINE RUN-UP LIST COMPL.

TAKE OFF BRIEFING

Type of take off/ runway	-/-
Departure route / altitude	-/-
V _R	50 KIAS

Emergency briefing **PERFORMED**

BEFORE T/O CHECKLIST

Engine run up	COMPLETED
Trim	SET
Mixture	RICH
Wing flaps	SET 10°
Fuel selectors	LEFT/RIGHT
Gyro	CHECKED
Nav setting	COMPLETED
Cabin doors	CLOSED
Take off briefing	COMPLETED

BEFORE T/O CL COMPLETED

CLEARED FOR T/O CHECKLIST

Transponder	ALT
Gyro	CHECKED
Engine gauges	GREEN
Strobe/landing lights	ON
Pitot heat	ON

CLEARED FOR T/O CL COMPL.

AFTER T/O CHECKLIST

Landing gear	UP
Flaps	UP
Cowl flaps	AS REQ
Power (25 inch/2400 rpm)	SET
Landing/taxi lights	OFF
Altimeters cross check	SET

AFTER T/O CL COMPLETED

APPROACH CHECKLIST

ATIS	CHECKED
Altimeters 1 u. 2	SET QNH
Carburetor heat	-/-
Fuel selectors	BOTH
Mixture	ENRICH
Gyro	CHECKED
DA/MDA	-/-
MAP (MAPT)	REBRIEF
V _{REF} /V _{TGT}	90/-
Approach briefing	COMPLETED

APPROACH CL COMPLETED

FINAL CHECKLIST

Flaps	SET
Mixture	RICH
Propeller	FORWARD
Carburetor heat	ON
Landing gear	DOWN/GREEN
Landing / taxi lights	ON

FINAL CHECKLIST COMPLETED

AFTER LANDING CHECKLIST

Strobe/landing lights	OFF
Pitot heat	OFF
Carburetor heat	OFF
Transponder	STAND BY
Cowl flaps	OPEN
Flaps	UP
Trims	NEUTRAL

AFTER LANDING CL COMPLETED

PARKING & SHUTDOWN LIST

Parking brake	SET
Avionic master	OFF
Mixture	CUT OFF
Ignition Switch	OFF
All switches & lights	OFF
Battery & alternator	OFF
Fuel selector	LEFT/RIGHT
Controllock	INSTALL

PARK. & SHUTDOWN LIST COMPL.

OPERATIONAL DATAS

V _{NE}	181 KIAS
V _{NO}	159 KIAS
V _A	112 KIAS AT 1406 KG
	101 KIAS AT 1157 KG
Gl. Sp.	81 KIAS
V _{FE}	140 KIAS FOR 10° FLAPS
	95 KIAS FOR 10-40°
V _{LO}	140 KIAS
V _{CC}	90 KIAS
Crossw	MAX. 18 KIAS
V _R	60 KIAS
V _X	65 KIAS
V _Y	88 KIAS
V _{S0}	39 KIAS
V _{S1}	41 KIAS
V _{REF}	75 KIAS(0°FL AT MTOW)
V _{TGT}	V_{REF}+1/2 WIND + GUST