

COCKPIT CHECKLIST

Preflight inspection	COMPLETED
A/C doc & papers	ABOARD
Seat & seatbelts	FASTENED
Cabin doors	CLOSED & LOCKED
Circuit breakers	CHECKED
Avionic master & Prop-Sync.	OFF
Fuel pump	OFF
Magneto switch	OFF
Battery & alternator	ON
Landing gear	DOWN/GREEN
Fuel selectors	ON
Fuel quantity	CHECKED

COCKPIT CHECKLIST COMPLETED

BEFORE START CHECKLIST

Beacon	ON
Parking brake	SET
Cowl flaps	OPEN

BEFORE START CL COMPLETED

STARTING ENGINE LIST 1+2

Mixture/Throttle	RICH/OPEN
Propeller	HIGH RPM
Magnetos	ON
Primer (POH / t)	ON
Throttle	CLOSE
Propeller area	CLEAR
Ignition switch+Primer	START
Throttle	1000 RPM
Oil pressure	CHECK
Alternators / lights	ON / CHECK
Suction	CHECK

ENGINE START LIST COMPLETED

AFTER START CHECKLIST

Avionic master	ON
Radio & nav setting	SET
Gyro	SET
Altimeter	SET
Annunciator panel	CLEAR

Autopilot	TEST
Stormscope	TEST
Wx-Radar	TEST
Deice-Sys.	CHECKED

AFTER START CL COMPLETED

TAXI CHECKLIST

Alternate air	OFF
Man.Press Lines	DRAIN
Taxi light	ON
Brakes	CHECKED
Flight instruments	CHECKED
Flight controls	FREE & CORRECT
Wing flaps	CHECKED AND SET
Fuel selectors	ON & CROSS FEED

TAXI CL COMPLETED

ENGINE RUN-UP LIST

Parking brake	SET
Engine instruments	IN LIMITS
Elevator & rudder trim	SET FOR T/O
Prop control	CHECK FEATH
-Magnetos-2000	CHECK
-Propeller-2300	CHECK
-Suction 4,8-5,1 Hg	CHECK
Throttle	1000 RPM

ENGINE RUN-UP LIST COMPL.

TAKE OFF BRIEFING

Type of take off/ runway	-/-
Departure route / altitude	-/-
V _R	66 KIAS
Emergency briefing	PERFORMED

BEFORE T/O CHECKLIST

Engine run up	COMPLETED
Mixture	RICH
Wing flaps	SET
Fuel selectors	BOTH ON
Gyro	CHECKED
Nav setting	COMPLETED
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 (33 inch/2600 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
Fuel selectors	ON
Mixture	RICH
Prop-Sync	OFF
Gyro	CHECKED
DA/MDA	-/-
MAP (MAPT)	REBRIEF
V _{REF} /V _{TGT}	83/-
Approach briefing	COMPLETED

APPROACH CL COMPLETED

FINAL CHECKLIST

Flaps	SET
Propeller	FORWARD 2600 RPM
Landing gear	DOWN/GREEN
Landing / taxi lights	ON

FINAL CHECKLIST COMPLETED

AFTER LANDING CHECKLIST

Wx-Radar	OFF
Strobe/landing lights	OFF
Pitot 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
Throttle (2 min cool.)	1000 RPM
Mixture	CUT OFF
Magnetos	OFF
All switches & lights	OFF
Battery & alternator	OFF
Controllock	INSTALL

PARK. & SHUTDOWN LIST COMPL.

OPERATIONAL DATAS

V _{NE}	205 KIAS
V _{NO}	166 KIAS
V _A	140 KIAS AT 4750 lbs
	114 KIAS AT 3205 lbs
V _{MC}	66 KIAS
V _{FE}	140 KIAS FOR 10° FLAPS
	122 KIAS FOR 25°
	115 KIAS FOR 40°
V _{LO}	130 KIAS
M _{SE}	92 KIAS
V _{LE}	130 KIAS
V _R	66 KIAS
V _X	76 KIAS
V _Y	92 KIAS
V _{S0}	60 KIAS AT 4250 lbs
V _{S1}	63 KIAS AT 4250 lbs
V _{REF}	92 KIAS (83)
V _{TGT}	V_{REF}+1/2 WIND + GUST