

Normal Operations - FRONT



BEFORE START

PAX BRIEF	COMPLETE
SEATS	ADJUST/LOCK
BREAKS	TEST
CIRCUIT BREAKERS	CHECK IN
ELECTRIC SWITCHES	OFF
MASTER/BEACON	ON
AVIONICS MASTER	OFF
FUEL SELECTOR	BOTH
FUEL SHUTOFF	ON
THROTTLE	CRACKED OPEN
PRIME	AS REQUIRED
PROP AREA	CLEAR

AFTER START

THROTTLE	1000 RPM
OIL PRESSURE	CHECK
NAV LIGHTS	AS REQ
FLAPS	UP
BRAKES	CHECK
PARKING SPOT	VACATE

TAXI

AVIONICS MASTER	ON
MIXTURE	LEAN AS REQ
RADIOS/NAV	SET
INSTRUMENTS	SET/CHECK
TAXI LIGHT	ON
TAXI DIAGRAM	CHECK/BRIEF

BEFORE TAKEOFF

SEATS & SEAT BELTS	SECURE
FLIGHT CONTROLS	FREE/CORRECT
FLIGHT INSTRUMENTS	CHECK/SET
FUEL QUANTITY	CHECK
MIXTURE	RICH
FUEL SELECTOR	BOTH
THROTTLE	1800 RPM
MAGNETOS	CHECK
VACUUM GAUGE	CHECK
ENGINE INSTRUMENTS	CHECK
ANNUNCIATOR PANEL	CHECK
MIXTURE > 3000 DA	LEAN MAX RPM
THROTTLE	CHECK IDLE
THROTTLE FRICTION	SET
RADIOS/ AVIONICS	SET
ELEVATOR TRIM	SET
WING FLAPS	SET
TAKEOFF BRIEF	FROM F.O.M.

RUN-UP

#1 FOR TAKEOFF

DOORS AND WINDOWS	CLSD/LOCKED
STROBE/LANDING LIGHTS	ON
TRAFFIC	CHECK

Normal Operations - BACK



CLIMB

AIRSPPEED 80-90 KTS
THROTTLE FULL
MIXTURE (RICH <3000/LEAN>3000) SET

CRUISE

POWER SET
TRIM ADJUST
MIXTURE LEAN
LIGHTS AS REQ

PRE-MANEUVER

AREA CLEAR
OBSTACLES/ LANDING SITES CHECK
WIND NOTE
MIXTURE ADJUST

DESCENT/ APPROACH

MIXTURE ADJUST
ALTIMETER SET
SELECTOR VALVE BOTH

BEFORE LANDING

SEATS & SEAT BELTS SECURED
SELECTOR VALVE BOTH
MIXTURE SET AS REQ
LANDING LIGHTS ON

CENTERLINE CHECK

MIXTURE AS REQ
FEET OFF BRAKES
WINDSOCK CHECK

AFTER LANDING

FLAPS UP
TRIM SET T/O
STROBE/LANDING LIGHTS OFF
TAXI LIGHT ON
MIXTURE LEAN
TAXI DIAGRAM BRIEF

SHUTDOWN

AVIONICS OFF
MIXTURE CUTOFF

SECURING AIRPLANE

MAGNETOS OFF
MASTER OFF
ELECTRIC EQUIP CONTROL OFF
LOCK INSTALL
SELECTOR VALVE LEFT OR RIGHT
TIE DOWN/CHALK INSTALL
FLIGHT TIME RECORD
WALK AROUND COMPLETE

Preflight

PREFLIGHT

WEATHER BRIEF
WEIGHT AND BALANCE
PERFORMANCE DATA
DISPATCH TIMES

OBTAIN
COMPUTE
COMPUTE
CHECK

CABIN

PITOT TUBE COVER
POH
WEIGHT AND BALANCE
FIRE EXTINGUISHER
CONTROL WHEEL LOCK
IGNITION SWITCH
AVIONICS MASTER
MASTER SWITCH
FUEL QUANTITY
LOW FUEL ANNUNCIATORS
AVIONICS MASTER
AVIONICS COOLING FAN
AVIONICS MASTER
STATIC PRESSURE ALT
ANNUNCIATOR PANEL
FUEL SELECTOR
FUEL SHUTOFF
FLAPS
PITOT HEAT/LIGHTS
MASTER SWITCH

REMOVE
IN A/C
IN POH
CHECK
REMOVE
OFF
OFF
ON
CHECK
EXT
ON
ON
OFF
OFF
HOLD & TEST
BOTH
ON (IN)
EXTEND
ON/CHECK/OFF
OFF

EMPENNAGE

RUDDER GUST LOCK
TAIL TIE DOWN
CONTROL SURFACES
TRIM TAB
ANTENNAS

REMOVE
DISCONNECT
CHECK
CHECK
CHECK

RIGHT WING

AILERON
FLAP
WING TIE DOWN
MAIN WHEEL
FUEL SUMP
FUEL QUANTITY

CHECK
CHECK
DISCONNECT
CHECK
DRAIN
CHECK

NOSE

FUEL SUMP
ENGINE OIL
ENGINE COOLING INLET
PROP & SPINNER
AIR FILTER
NOSE WHEEL STRUT/ TIRE
STATIC SOURCE OPENING
WINDSHIELD

DRAIN
CHECK (5-8QT)
CLEAR
CHECK
CHECK
CHECK
CHECK
CLEAN

LEFT WING

AILERON
FLAP
WING TIE DOWN
MAIN WHEEL
FUEL SUMP
FUEL QUANTITY

CHECK
CHECK
DISCONNECT
CHECK
DRAIN
CHECK