

PRE - FLIGHT INSPECTION

CREW BREIFING COMPLETE
 PAPER WORK REVIEWED
 CIRCUIT BREAKERS IN RT./ LT.
 O2 & MASK CHECKED 100 %
 EMER GEAR HANDLE IN & STOWED
 SWITCHES OFF AS REQUIRED
 BLEED AIR SWITCHES OFF
 LANDING GEAR HANDLE DOWN
 PARKING BRAKE SET
 GUST LOCK REMOVED
 FLIGHT CONTROLS FREE AND CORRECT
 PREFLIGHT COMPLETE
 FUEL CAP CHECKED
 STEERING PIN CONNECTED
 CHOCKS PULLED
 PASSENGER BRIEFING COMPLETE

BEFORE START

BATTERY SWITCH ON
 BATTERY VOLTS >23.5v <120F..... CHECKED
 CABIN DOOR CLOSED LIGHT OUT
 BAGGAGE DOOR..... LIGHT OUT & KEYS
 SEAT BELT SIGN ON
 ANTI-COLLISION LIGHT..... ON GROUND
 FUEL QUANTITY CHECKED
 FUEL SHUT OFF VALVES OPEN
 POWER LEVERS IDLE
 CONDITION LEVERS CUTOFF
 ENGINE OIL COOLERS OFF
 RIGHT FUEL PUMPS ... BOTH ON LTS. OUT
 IGNITIONS NORMAL
 RIGHT ENGINE START ACCOMPLISH

SECOND ENGINE START

GPU IF USED DISCONNECTED & CLEAR
 RT. GEN ON CHECK BELOW 151AMPS
 RIGHT ENGINE OIL COOLER ON
 LEFT FUEL PUMPS BOTH ON LT. OUT
 RIGHT ENGINE POWER SET 65%
 LEFT ENGINE START

AFTER SECOND ENGINE START

GENERATORS BOTH ON & CHECKED
 OIL COOLERS BOTH ON
 INVERTERS ON
 AVIONICS / FMS ON
 HYDRAULIC PUMP ON & CHECKED
 CABIN TEMP CONTROLLER AUTO
 BLEED AIR SWITCHES BOTH ON
 PRESSURIZATIONCHECK / AUTO / SET
 AIR CONDITIONING AS REQUIRED
 FLAPS SET MID
 ROTARY TEST SWITCH AS REQUIRED
 AUTOPILOT TESTED
 REVERSION PANEL CHECKED & SET
 RADIO ALTIMETER TESTED
 RADAR / TCAS TESTED
 EGPWS TESTED
 CVR TESTED
 FMS SET
 TRIM SYSTEM TESTED & SET
 STEERING SYSTEM ON / TAXI
 HEADING & GYROS AGREE
 ALTIMETERS SET BOTH SIDES
 DEPARTURE PROCEDURES BRIEFED

TAXI CHECKS

BRAKES CHECKED
 STEERING SYSTEM CHECKED
 PROP REVERSE & FEATHER CHECKED
 ICE PROTECTION AS REQUIRED

ENGINE RUNUP

BRAKES SET
 PROPS FULL FORWARD
 TORQUE SET 750 LBS.
 PROP OVERSPEED BOTH TESTED
 TORQUE SET 1200 LBS.
 AUTOFEATHER TEST CHECKED
 PROPS & POWER LEVERS GROUND IDLE

BEFORE TAKEOFF

AUTOFEATHER ARMED
 OIL COOLERS OFF
 ENGINE GAUGES CHECKED
 FLIGHT INST. / FLT. DIR. SET
 AVIONICS / TCAS SET
 NAV SOURCE VOR / LNAV
 FLAPS SET MID LIGHT OUT
 TRIMS ALL 3 SET
 WINSHEILD HEAT SET AS REQUIRED
 STROBE & RECOG LIGHTS ON
 PITOT HEAT ON
 TRANSPONDER ON / ALT. GOOD CODE
 ANNUNCIATOR PANEL CHECKED
 HEADING / RWY. ALIGNMENT CHECKED
 STEERING SET FOR TAKEOFF
 PROPS FULL FORWARD

AFTER TAKEOFF

LANDING GEAR UP LIGHTS OUT
 FLAPS UP ABOVE 125 KTS.
 LANDING LIGHTS OFF 160 KTS.MAX
 PROP SYNC ON
 AUTOFEATHER OFF
 YAW DAMPNER ENGAGED
 PRESSURIZATION CHECKED

BEFORE LANDING CHECKS

LANDING GEAR DOWN 3 GREEN
 HYDRAULIC PRESSURE CHECKED
 PROPS AS REQUIRED
 FLAPS AS REQUIRED
 LANDING LIGHTS ON BELOW 160 KTS
 AUTOPILOT / YAW DAMP OFF
 STEERING SYSTEM CHECK OFF

AIRCRAFT SHUTDOWN (CONT.)

HYDRAULIC SWITCH OFF
 SEAT BELT SIGN OFF
 FUEL PUMPS OFF
 BATTERY SWITCH OFF

SECURING

CHOCKS SET
 PARKING BRAKE RELEASED
 GUST LOCK INSTALLED
 NOSE PIN REMOVE AS REQUIRED

FLIGHT LEVEL 180 CHECKS

RECOGNITION LIGHT OFF
 ALTIMETERS 29.92 SET BOTH SIDES
 AIR CONDITIONER OFF
 WINDSHIELD CHECK ON

AFTER LANDING CHECKS

STEERING ON / TAXI
 CONDITION LEVERS GROUND IDLE
 LIGHTS AS REQUIRED
 ICE PROTECTION OFF
 TRANSPONDER STANDBY
 RADAR OFF
 FLAPS RETRACT
 TRIMS RESET
 ENGINE OIL COOLERS ON
 AUTOFEATHER OFF
 BLEED AIR SWITCHES OFF

OVERNIGHT SECURING

NOSE WHEEL PIN REMOVED
 COFFEE / WATER EMPTY
 ICE CHEST / COOLER EMPTY
 PROPS / WINDOWS CLEANED
 COVERS / RESTRAINERS INSTALLED
 OIL / CHIP LIGHTS & LEVELS CHECKED
 BATTERY DISCONNECT
 AIRCRAFT CLEANED & LOCKED

CRUISE CHECKS

CRUISE POWER SET 795 MAX ITT
 ENGINE GAUGES / MPDI CHECK
 PRESSURIZATION CHECK
 ALTIMETERS CROSS CHECK EVERY HR.

DESCENT TRU FLIGHT LEVEL 180

RECOGNITION LIGHT ON
 ALTIMETERS SET / CROSS CHECK
 WINDSHIELD HEAT AS REQUIRED
 ATIS CHECKED
 PRESSURIZATION SET FLD. ELEVATION
 FBO NOTIFIED

ROTATION SPEEDS

ABOVE 11550 106 KTS.
 11551 - 11700 112 KTS.
 11700 - 11900 114 KTS.
 11900 - 12100 117 KTS.
 12100 120 KTS.

APPROACH SET UP

FMS / AVIONICS SET
 APPROACH BRIEFED
 AUTOFEATHER ARMED LTS. ON
 PROP SYNC OFF
 SEAT BELT SIGN ON

AIRCRAFT SHUTDOWN CHECKS

ENDING NUMBERS RECORDED
 PARKING BRAKE SET
 LIGHTS OFF
 AVIONICS / FMS OFF
 INVERTERS OFF
 AIR CONDITIONER OFF
 GENERATORS OFF
 POWER LEVERS IDLE
 CONDITION LEVERS CUT OFF
 ENGINE OIL COOLERS OFF

REF SPEEDS

	BELOW 10945	ABOVE 10945
DOWN	120	125
MID	130	132
UP	140	145