

PREFLIGHT
 BATTERY M2 525-962
 FORWARD PRESSURE GAUGES CONNECTED
 EXTER DOORS CHECKED
 LOCKED

COCKPIT PREPARATION

CIRCUIT BREAKERS IN
 BLEEDS BOTH
 ICE EQUIP OFF
 BATTERY DISCONNECT DISCONNECT
 BATTERY SWITCH ON
 BATTERY DISCONNECT NORMAL
 GEN SWITCHES AS REQUIRED
 EXTERNAL POWER CONNECTED 28V
 EMER LIGHTS SWITCH ARMED
 STBY FLT DISPLAY SWITCH TEST/ ON
 BATTERY SWITCH EMER
 BATTERY SWITCH ON
 PARKING BRAKE SET
 SYS TEST ALL ITEMS CHECKED
 TAKEOFF DATA COMPUTED
 COCKPIT VOICE RECORDER TEST
 FUEL QUANTITY CHECK/BALANCED
 ATIS NOTED
 CLEARANCE NOTED
 ALTITUDE SELECT SET
 FMS PROGRAM
 EXTERIOR LIGHTS SET
 AFT DIVIDER DOORS LATCHED OPEN

BEFORE STARTING ENGINES

PARKING BRAKE SET/ UNCHOCKED
 CABIN DOOR CLOSED
 AC OFF
 ENGINE INST CHECK
 EXTERNAL POWER DISCONNECTED
 ELECTRICAL SYSTEM CHECK

BEFORE TAXI

AC FAN OR AUTO
 PASS SAFETY PAX SAFETY
 FLAPS CHECKED/SET
 SPEED BRAKES / GROUND SPOILERS CHECK
 TRIMS CHECK/ 3 SET
 AUTOPILOT DISCONNECT TEST
 FLIGHT CONTROLS FREE/CORRECT
 ENG ANTI-ICE AS REQUIRED
 ALTIMETERS SET/ CHECK
 TRANSPONDER CHECK/SET
 PRESSURIZATION DEST FIELD ELEV
 GA BUTTON PUSH
 AVIONICS FMS SET UP/CHECK/SET
 VSPEEDS TOFL WEIGHTS POSTED/ CONFIRM
 FLIGHT INSTRUMENTS CHECK
 EICAS CHECK

TAXI
 PARKING BRAKE
 EXTERIOR LIGHTS
 BRAKES
 NOSEWHEEL STEERING

BEFORE TAKEOFF

ICE PROTECTION CHECK
 PASSENGER SEATS UPRIGHT/ OUTBOARD
 FLAPS CHECK/SET
 SPEED BRAKES RETRACTED
 TRIMS 3 SET FOR TAKEOFF
 CREW BRIEFING COMPLETE
 TCAS TA/ RA
 RADAR AS REQUIRED
 ICE PROTECTION AS REQUIRED
 PITOT/ STATIC HEATS ON
 EXTERIOR LIGHTS AS REQUIRED
 EICAS CHECK

AFTER TAKEOFF/ CLIMB

LANDING GEAR UP
 FLAPS 0
 THROTTLES CLB
 PAX SAFETY AS REQ
 EXTERIOR LIGHTS AS REQ
 PRESSURIZATION CHECK

18K

ALTIMETERS 2992
 MASKS CHECKED

18K CLIMB CHECK

CRUISE/ STATION CHECK

ALL SYSTEMS CHECK

RELEASE
 AS REQUIRED
 CHECK
 CHECK

DESCENT

PRESSURIZATION DEST FIELD ELEVATION
 ICE PROTECTION SYSTEMS AS REQUIRED
 18K ALTIMETERS
 EXTERIOR LIGHTS AS REQUIRED

APPROACH

LANDING DATA & VSPEEDS POSTED AND
 CONFIRMED
 CREW BRIEFING COMPLETE
 AVIONICS/FLIGHT INSTRUMENTS CHECK
 MINIMUMS SET
 FUEL TRANSFER SELECTOR OFF
 EXTERIOR LIGHTS AS REQUIRED
 ICE PROTECTION SYSTEMS AS REQUIRED
 FLAPS 15°
 PASSENGER BRIEFING COMPLETE
 SEATS UPRIGHT/OUTBOARD
 SEAT BELTS/ SHOULDER
 HARNESSES ADJUSTED/SECURE
 PASS LIGHTS SAFETY BUTTON ON
 EICAS CHECK
 PRESSURIZATION DIFFERENTIAL< 0.5 PSI BY
 TOUCHDOWN
 PASS SAFETY LIGHTS BELTS OR SAFETY ON

BEFORE LANDING

LANDING GEAR . . DOWN (3 GREEN)
 FLAPS 35°
 SPEEDBRAKES 0%
 AIRSPEED VREF
 AUTOPILOT AND YAW DAMPER DISENGAGE

AFTER LANDING

PITOT/STATIC HEAT BUTTONS (BOTH) OFF
 FLAPS 0°
 ICE PROTECTION AS REQ
 RADAR STANDBY
 ANTI COLLISION LIGHT OFF

SHUTDOWN

PARKING BRAKE SET/WHEELS CHOCKED
 ICE PROTECTION SYSTEMS (ALL). OFF
 THROTTLES OFF
 AC & DEFOG OFF
 EXTERIOR LIGHTS OFF
 PAX SAFETY OFF
 EMERGENCY LIGHTS SWITCH OFF
 STBY FLT DISPLAY SWITCH OFF
 DISPATCH SWITCH OFF
 BATTERY SWITCH OFF

ELECTRICAL CHECK

- L GEN switch** **off**
- l gen amps verify 0 amp
 - r gen amps verify increase
 - l gen volts 28-29 volts
 - Amber GENERATOR OFF L Displayed

- R GEN switch** **off**
- r gen amps verify 0 amp
 - r gen volts verify 28-29
 - red or amber DC GENERATOR OFF L-R displayed
 - Battery Volts 24 volts

- L GEN switch** **on**
- L gen amps. verify positive
 - L gen Volts verify 28-29 volts
 - Amber dc generator off l displayed

- R GEN switch** **on**
- L and R GEN AMPS verify positive and within 20 amps
 - L and R GEN VOLTS 28-29 volts
 - amber dc GENERATOR OFF R cleared

- BATTERY switch** **off**
- battery amps (both) verify 24 volts
 - verify all systems and displays remain on.

- BATTERY switch** **on**
- battery Volts(both) 28-29 volts

EMER BUS ITEMS

- Landing Gear Indicator Lights**
- PFD 1 in Reversion Mode**
 - AHRS 2**
 - ADC 2**
 - Display Controller**
 - GPS 1**
- Left GTC (Garmin Touch Control)**
 - COM 1**
 - (2) NAV 1**
 - Transponder 1**
 - FMS**
 - Pilot and Copilot Audio**
 - Cabin PA**
 - D Standby Flight Display**
- AFCS Control Panel**
- Flood Lights**

TRIM CHECKS

- AILERON TRIM** CHECK/SET FOR TAKEOFF
- move individually stops movement
 - move together correct movement in each direction.
 - ap trim disc stops movement

- RUDDER TRIM** CHECK/SET FOR TAKEOFF
- push rudder trim knob down and turn both ways correct tab movement & direction.

- ap trim disc button stops movement
- ELEVATOR TRIM** CHECK/SET FOR TAKEOFF
- each half of pilot trim switch no tab movement.
 - move both pilot trim switch halves together correct trim movement each direction.
 - ap trim disc button stops movement.

- Copilot trim switch and ap trim disc button Enable secondary elev trim
- movement stops
- amber PRIMARY ELEVATOR TRIM FAIL. secondary elev trim half switch no tab movement.
- secondary elev trim switch both halves correct tab movement
- disable secondary elev trim,
- verify enable button light extinguishes
- amber PRIMARY ELEVATOR TRIM FAIL message clears.

ICE PROTECTION CHECKS

- Throttles set 70% n2
- WING/ENG ANTI-ICE buttons on
- Cyan WING/ENG ANTI-ICE ON illuminate
- WING ANTI-ICE COLD L-R, displayed & (clear within 60 sec)
- ENGINE ANTI-ICE COLD L-R displayed & (clear within 60 sec)
 - Clear stubborn COLD messages with 80% N2
- WING/ENG ANTI-ICE buttons (both) off
- Throttles as required
- TAIL DEICE buttons (both) on
- cyan tail de-ice on message displayed
- amber TAIL DE-ICE FAIL message not displayed
- TAIL DEICE buttons (both) off

TURBULENT AIR PENETRATION

flight through severe turbulence should be avoided. the following procedure is recommended if severe turbulence is encountered.

- airspeed approximately 180 kias (do not chase airspeed)
- maintain a constant attitude without chasing altitude. avoid sudden large control movements.
- operation of autopilot is recommended in basic modes only (rol and pit).
- pass lights safety button on

ALL ENGINE GO-AROUND

- GA button push
- throttles to
- pitch attitude. 7.5° initially, then as required
- (use flight director GA mode)
- flaps 15°
- landing gear (positive climb) up
- flaps as required
- (for flaps 0° - vapp+10 knots)
- airspeed as required
- throttles as required
- yaw damper on
- autopilot as desired

Empty	6767
Zero Fuel Max	8500
Landing max	9900
Max TO	10700
Max ramp	10800
Max Fuel	3400
Oil	Mobil jet II