

ASTRA COCKPIT CARD

FAA ACCEPTED
ASO SOFLSDO-19
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Digitally signed by
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Aviation Safety Inspector

BEFORE EXTERIOR INSPECTION

Aircraft Documents CHECK
Trip Book and Charts ON BOARD
Landing Gear Lever DOWN
AUX HYD PUMP OFF
PROBES HEAT AUTO
BATT DISCONNECT BATT ON & GUARDED
GENERATORS ON
BATT MASTER ON
FUEL CONTRLRS NORM
STBY PUMPS – TAXI LIGHTS ON
VOLTMETERS BATT
Batteries Voltage CHECK
STBY PUMPS – TAXI LIGHTS OFF
Fuel Quantity and Balance CHECK
PARKING / EMERG BRAKE OFF
TRIMS SET TO ZERO
GUST LOCK RELEASED
SLATS / FLAPS 12°
CABIN AIR RAM / MAN
PASS OXY BY-PASS VALVE OFF
OXYGEN SHUTOFF VALVE OPEN / CHECK PRESSURE
BATT MASTER OFF

INTERIOR INSPECTION

Baggage CHECKED AND SECURED
Passenger Briefing COMPLETE
Main Door SECURED
Emergency Gear Extension Handle STOWED

PRE-START USING EXTERNAL POWER

Seats and Seat Belts ADJUSTED
Switches and Circuit Breakers CHECK
VOLTMETERS BATT / CHECK VOLTAGE
BATT MASTER OVRD LOAD REDUCT
AUX HYD PUMP AUTO / CHECK PRESSURE
PARKING / EMERG BRAKE PARK
AUX HYD PUMP OFF
GPU CONNECTED
EXT POWER ON
VOLTMETERS GEN

IND TEST IND LTS
EMERG LTS ON; THEN ARM
AC CONTROLS CHECK AND SET
AVIONICS MASTERS ON
FMS(s) ON
STBY GYRO UNCAGE

VMO / MMO CYCLE
STBY GYRO BATT TEST PRESS

AOA TEST

Windshield Heat System CHECK

FUEL TRANSFER OPEN, CLOSE & AUTO
FUEL INTERCONNECT CYCLE AND CLOSE
ANTI-SKID ON (LIGHTS – OUT)

Fire Detection System TEST

COMPASS SLAVED / DG SLAVED
Fuel Management Indicator CHECK
Pressurization SET
CABIN DUMP OFF
MAN PRESS CYCLE ON, THEN OFF

Horizontal Stabilizer Trim CHECK
Aileron and Rudder Trim CHECK
Takeoff Warning System CHECK
Thrust Reversers CHECK

Thrust Levers IDLE
T / R Sub-levers STOW
T / R Fault Test Pushbutton ... PRESS (UNSAFE OUT)
T / R Switches ON (ARM ON)
T / R Switches OFF (ARM OFF)
T / R Sub-levers IDLE DEPLOY
T / R Fault Test PRESS (T / R Sub-levers FULL);
..... THEN RELEASE
T / R Sub-levers STOW
Thrust Levers CUTOFF

Landing Gear Warning CHECK
Autopilot / Yaw Damper CHECK
EFIS (Both Sides) CHECK

FMS(s) CHECK AND SET
Altimeters SET
Clocks ZERO
TEMP BATT TEST PRESS
OXYGEN SHUTOFF VALVE VERIFY OPEN
Passenger Oxygen Supply AUTO

PASS OXYGEN ON Pushbutton PRESS (RED LIGHT)
Oxygen Masks CHECK (NORMAL, 100% & EMERG)
Oxygen Pressure VERIFY WITHIN 1%

STARTING USING EXTERNAL POWER

ANTICOL LIGHT UPPER
FMS(s) STBY
Thrust Levers CUTOFF
Engine Start:

Danger Areas CLEAR
FUEL CONTRLR NORM
STBY PUMP AUTO, THEN ON
START Switch START
STBY PUMP OFF, THEN AUTO
Hydraulic Pressure CHECK
EXT POWER OFF
GPU REMOVE
CABIN AIR OPERATING ENGINE
DC Ammeter BELOW 150 AMPS
Second Engine Start REPEAT BOLD ITEMS
CABIN AIR AS REQD

Engines FUEL CONTRLR MAN Mode CHECK FOR EACH

Both Generator and Amps CHECK

BEFORE TAXIING

CABIN DOOR CLOSED
DC and AC Systems CHECK
PROBES HEAT OVRD; THEN AUTO
BAGGAGE COMPT HEAT OFF
BATT MASTER ON
Engine Instruments CHECK
Fuel Quantity and Balance CHECK
TRIMS SET
FLIGHT and GROUND A / B CHECK AND SET
GROUND COOLING AS REQD
AUX HYD PUMP AS REQD
SLATS / FLAPS SET
AHRS NO FLAGS
Avionics / Transponder / Radar SET
T / O Data / V-Speeds / N1 Settings CALCULATE / SET

TAXIING

TAXI LIGHT ON
Wheel Brakes / Nose Wheel Steering CHECK
Instruments and Compass CHECK

Thrust Reversers CHECK

T / R Switches ON (ARM ON)
T / R Sub-levers CYCLE (REV THRUST ON)
T / R Sub-levers STOW
T / R Switches OFF (ARM OFF)
T / R Fault Test PRESS (UNSAFE OUT)

T / R Switches ON (ARM ON)

BEFORE TAKEOFF

Flight Controls CHECK
Pilot DV Window CLOSED

ENG ANTI-ICE CHECK FOR EACH ENGINE

Thrust Levers IDLE
ANTI-ICE PRESS ON
Thrust Lever ADVANCE (80% N2)
ANTI-ICE PRESS OFF
Thrust Lever IDLE

DE-ICE CHECK

Either Thrust Lever... ADVANCE (SURF DE-ICE OUT)
DE-ICE NORMAL (WING & TAIL ON)
DE-ICE ALT (WING & TAIL ON)
Thrust Lever IDLE
TAIL / WING MONITOR PRESS (TAIL ON)
DE-ICE OFF

CABIN DOOR LIGHT OUT
Annunciator Panel CONSIDER
SLATS / FLAPS SET
GROUND COOLING OFF (LIGHT – OUT)

LINE UP

Safety Check COMPLETED
ANTI-ICE / DE-ICE / HEAT AS REQD
IGNITIONS AS REQD
EXTERIOR LIGHTS AS REQD
Transponder ALT
Radar ON
CABIN AIR BOTH ENGINES

AFTER TAKEOFF

Landing Gear UP (LIGHTS OUT)
AUX Hydraulic Pressure CHECK OUT
T/R Switches OFF
Yaw Damper ON
SLATS / FLAPS UP
IGNITIONS / ANTI-ICE / DE-ICE / HEAT AS REQD
TAXI LIGHT OFF
Pressurization MONITOR
TCAS SET

CLIMB – TRANSITION ALTITUDE

Altimeters SET
Pressurization CHECK

CRUISE

Thrust Levers SET (Max ITT 885°)
Engine Instruments MONITOR
Cabin Altitude MONITOR
TCAS / RADAR SET

DESCENT

IGNITION AS REQD
ANTI-ICE / DE-ICE / HEAT AS REQD
AOA Indicator SET, 1.3 Vs
Fuel Quantity and Balance CHECK
Pressurization SET
Landing Data / V-Speeds CALCULATE / SET

DESCENT – TRANSITION ALTITUDE

Altimeters SET
Pressurization CHECK
Crew Briefing COMPLETE

BEFORE LANDING

IGNITIONS AS REQD
ANTI-ICE / DE-ICE / HEAT AS REQD
EXTERIOR LIGHTS AS REQD
ANTI-SKID Pushbutton ON (LIGHTS OUT)
Landing Gear DOWN (3 GREEN)
Hydraulic Pressure CHECK
SLATS / FLAPS AS REQD
GROUND A / B ON
T / R Fault Test Pushbutton PRESS (UNSAFE OUT)
T / R Switches ON (ARM ON)
PARKING / EMERG BRAKE OFF
Yaw Damper OFF

AFTER LANDING

T / R Switches OFF
GROUND A / B OFF
SLATS / FLAPS AS REQD
Radar OFF
FMS(s) RECORD DATA / OFF
Emergency Attitude Gyro CAGE
Transponder ON
IGNITIONS AS REQD
ANTI-ICE AS REQD
DE-ICE OFF
PROBES HEAT AUTO
BAGGAGE COMPRT HEAT OFF
BATT MASTER OVRD LOAD REDUCT
FUEL TRANSFER OPEN
EXTERIOR LIGHTS AS REQD

ENGINE SHUTDOWN

PARKING / EMERG BRAKE PARK
VOLTMETERS BATT
EMERG LTS OFF
AVIONICS MASTERS OFF
AC CONTROLS ALT
Thrust Levers CUTOFF
GUST LOCK ENGAGE
Pilot DV Window OPEN
CABIN AIR RAM
AUX HYD PUMP OFF
PARKING / EMERG BRAKE AS REQD
OXYGEN SHUTOFF VALVE AS REQD
All Electrical Switches and Lights OFF
BATT MASTER OFF
Nose Gear Scissor DISCONNECTED
Oil Level CHECK