

Boeing 747 Checklist

Boeing 747 -400,-400F, -400BCF, -400LCF, -400M, -400D, -400ER, -400ERF, -8i, -8F

PRELIMINARY COCKPIT INSPECTION

Circuit Breakers.....CHECKED
Emergency Equipment.....CHECKED
Utility Switches (LEFT AND RIGHT).....ON
Battery.....ON
Standby Power.....AUTO
Hydraulic Demand Pumps.....OFF
Alternate Flaps/Gear.....OFF
Gear Lever.....DOWN
Flap Lever.....UP
Parking Brake.....SET
Ground Power (If Available).....ON
If Ground Power is Unavailable, start the APU and set APU GEN ON
Oxygen Masks.....TEST
Emergency Lights.....ARM/GUARDED
Windshield Wipers.....AS NEEDED
Navigation Light.....ON
Logo Light.....AS NEEDED
Bus Tie Switches.....AUTO
Drive Disconnect Switches.....GUARDED

PREFLIGHT

IRS (1,2,3).....SET ALIGN, then NAV
EEC Pushbuttons.....NORMAL/GUARDED
Fire Protection.....TEST
Interrupt Switches.....ON
Passenger Oxygen.....NORMAL
Flightdeck Lights.....SET
Stab Trim Cutout Switches.....AUTO
FMC.....SET
MCP.....SET
Hydraulics.....SET
Set Hydraulic pumps to AUTO or AUX, and set Hydraulic demand pumps to ON
Fuel Pumps.....ON
X-Feeds.....OPEN (1&4) CLOSED
Audio Systems.....NORMAL
Interphone Switches.....OFF
Voice Recorder.....ON
Anti-Ice Systems.....OFF
Set Nacelle Anti-Ice to OFF, set Wing Anti-Ice to OFF
Window Heat (Both).....ON
Yaw Damper.....ON
Outflow Valve MAN Switches.....OFF
Air Conditioning.....SET

Trim Air.....ON
Recirculation Fans.....ON
Aft Cargo Heat.....ON
HI FLOW Switch.....ON
ECS Switch.....NORM
Pack 1.....ON/NORM
Pack 2 & 3.....OFF
Isolation Valves.....OPEN
Bleed Air Switches.....ON
EFIS Control Panel.....SET
Displays.....SET
Standby Instruments.....SET
Navigation Selector Switches.....SET
Speedbrake Lever.....DOWN
Thrust Levers.....DOWN/CLOSED
Fuel Control Switches.....OFF
Radios.....SET
Passenger Signs (When Refuel Complete).....SET
Autobrakes.....RTO
ATC Clearance.....OBTAIN
Flightdeck Door.....CLOSED

BEFORE START

APU.....START
APU GEN.....ON
Brake Pressure.....NORMAL
Fuel Quantity.....LBS/KGS
Ships Papers.....ON BOARD
Performance Data.....CHECKED/SET
MCP.....V2____, HDG____, ALT____
Takeoff Speeds.....V1____, VR____, V2____
Stab Trim.....Units
Aileron Trim.....0
Rudder Trim.....0
Autostart.....AS NEEDED
Recall.....CHECKED
Crew Briefing.....COMPLETE

ENGINE START

Beacon Light.....BOTH ON
Fuel Control Switches.....ON
If using Manual Start, set Fuel Control Switches to ON after 20% N2.
Engine Start Switches.....PULL

AFTER ENGINE START

Ignition.....CON
APU.....OFF
Packs.....ON/NORM
Hydraulic Demand Pumps.....AUTO
Anti-Ice Systems.....SET
Recall.....CHECKED
Flight Controls.....TEST
Flaps.....SET

TAXI

Taxi Light.....ON
Landing Lights.....ON
EFIS.....SET

BEFORE TAKEOFF

MCP.....SET
Clock.....SET
Transponder.....TA/RA
Recall.....CHECKED
Flight Attendants.....NOTIFIED

AFTER TAKEOFF

Positive Rate of Climb.....GEAR UP & OFF
Flaps.....RETRACT TO SCHEDULE
Autobrakes.....OFF
Autopilot.....ENGAGE
Pressurization.....MONITOR
10,000 ft.....LANDING LIGHTS OFF
Transition Altitude.....ALTIMETER STD, IGN OFF

CRUISE

EFIS.....CHECKED
Passenger Signs.....AUTO
Level Off.....ANNOUNCED

DESCENT

Passenger Signs.....ON
Pressurization.....CHECKED
Descent.....ANNOUNCED
Recall.....CHECKED
Autobrakes.....SET
Approach Briefing.....COMPLETE

Transition Alt.....ALTIMETERS SET, IGN CON
MINIMUMS.....SET

LANDING

Flaps.....DOWN
Gear.....DOWN
Speedbrakes.....ARM
10,000 ft.....LANDING LIGHTS ON
Set Landing, Turnoff, Taxi, and Wing Lights to ON

AFTER LANDING

Landing Lights.....OFF
Flaps.....UP
Stab Trim.....6
MCP.....RESET
EFIS.....RESET
Transponder.....STANDBY
Autobrakes.....OFF
APU.....START

SHUTDOWN

Parking Brake.....SET
Taxi Light.....OFF
Clock.....RESET
Electrical.....GROUND POWER/APU GEN
Fuel Control Switches.....CUTOFF
Passenger Signs.....OFF
Fuel Pumps.....OFF
Hydraulic Demand Pumps.....AUTO/AUX
Anti-Ice Systems.....OFF
During a Turnaround, proceed to the Preflight Checklist and continue.

SECURE

Packs.....OFF
Trim Air.....OFF
Recirculation Fans.....OFF
Aft Cargo Heat.....OFF
HI FLOW Switch.....OFF
ECS Switch.....OFF
Yaw Damper.....OFF
Window Heats.....OFF
Wipers.....OFF
Hydraulic Pumps.....ALL OFF
IRS.....OFF
Electrical.....GEN OFF
Standby Power.....OFF
Battery.....OFF