

BOEING 747-400 NORMAL PROCEDURES CHECKLIST

POWER UP / SAFETY CHECK

First Officer Captain

CIRCUITBREAKERS.....CHECKED
 BATTERY.....ON
 STANDBY POWER.....AUTO
 HYDRAULIC DEMAND PUMPS.....OFF
 WINDSHIELD WIPERS.....OFF
 ALTERNATE FLAPS AND GEAR.....OFF
 GEAR LEVER.....DOWN
 FLAPS.....CHECKED
 APU.....RUNNING
 ELECTRICAL SYSTEM.....SET/APU AVAIL ON
 APU BLEED AIR.....ON
 ISOLATION VALVES.....OPEN
 PACKS.....NORMAL

PREFLIGHT

First Officer Captain

EMERGENCY EQUIPMENT.....CHECKED
 FIRE PROTECTION.....CHECKED
 INTERRUPT SWITCHES.....ON
 PASSENGER OXYGEN.....NORMAL
 STAB TRIM CUTOFF SWITCHES.....AUTO
 NAV EQUIPMENT.....CHECKED
 OXYGEN AND INTERPHONE.....CHECKED
 GEAR PINS.....STOWED
 FLIGHTDECK LIGHTS.....SET
 SERVICEABILITY.....CHECKED
 FMC.....SET / CHECKED
 CREW BRIEFING.....COMPLETED
 EEC PUSHBUTTONS.....NORMAL
 IRS.....NAV
 HYDRAULIC SYSTEM.....SET
 EMERGENCY LIGHTS.....ARMED
 AUDIO SYSTEMS.....NORMAL
 INTERPHONE SWITCHES.....OFF
 ANTHICE SYSTEMS.....OFF
 WINDOW HEAT.....ON
 YAW DAMPERS.....ON
 VOICE RECORDER.....ON
 PRESSURIZATION.....SET
 AIRCONDITIONING.....SET
 BLEED PANEL.....SET
 EXTERIOR LIGHTS (WING/LOGO).....SET
 EFIS CONTROL PANELS.....SET
 MODE CONTROL PANEL.....SET
 STANDBY INSTRUMENTS.....SET
 SPEEDBRAKES.....RETRACTED
 THRUST LEVERS.....DOWN AND CLOSED
 PARKING BRAKES.....SET
 FUEL CONTROL SWITCHES.....CUTOFF
 COMMUNICATIONS.....SET
 RADAR.....SET
 NO SMOKING SIGN.....ON
 EVAC SIGNAL.....ARM

TRANSPONDER.....SET
 SOURCE SELECTORS.....SET
 CLOCKS.....SET
 CRT SELECTORS.....NORMAL
 PFD.....CHECKED
 ND.....CHECKED
 AUTOBRAKES.....RTO
 EIU SELECTOR.....AUTO
 HDG REFERENCE SWITCH.....NORMAL
 FMC MASTER SELECTOR.....LEFT
 GROUND PROX SYSTEM.....CHECKED

BEFORE STARTING

First Officer Captain

HYDRAULIC DEMAND PUMPS.....
AUTO, AUX (1 AND 4)
 BRAKE PRESSURE.....NORMAL
 FUEL QUANTITY.....KG
 FUEL SYSTEM.....SET
 X-FEEDS.....OPEN (1 & 4 CLOSED)
 SEAT BELTS SIGN.....ON
 NOTOC.....CHECKED
 SHIPS PAPERS.....ON BOARD
 PERFORMANCE DATA.....CHECKED AND SET
 V2.....SET
 LNAV AND VNAV.....SET
 DOORS.....CLOSED
 YELLOW DOOR SELECTORS AUTOMATIC.....
ANNOUNCED
 RECALL.....CHECKED
 ENGINE DISPLAY.....SELECTED
 BEACON LIGHTS.....BOTH ON

BEFORE TAXI

First Officer Captain

APU.....OFF
 HYDRAULIC DEMAND PUMPS.....ALL AUTO
 ANTHICE SYSTEMS.....SET
 AFT CARGO HEAT.....ON
 RECALL.....CHECKED
 GROUND EQUIPMENT.....REMOVED

(START TAXI)

PARKING BRAKES.....RELEASE
 EXTERIOR LIGHTS.....TAXI ON
 TIMER/STOPWATCH.....START

BOEING 747-400 NORMAL PROCEDURES CHECKLIST

TAXI OUT

First Officer

Captain

ALTIMETERS.....(BOTH) ____ IN/hPa, ____ FT
 ALLOWABLE TAKEOFF WEIGHT.....
(FO) MGL CHECKED
 THRUST LIMIT.....
(FO) TAKEOFF ____ SELECTED
(C) CROSSCHECKED
 FLAPS ____ V2.(BOTH) ____ TAKEOFF NUMBERS
CHECKED AND SET
 (FO) V-SPEED ACTIVATED AND DISPLAYED
 FLAPS.....,____,____, GREEN LIGHT
 RUDDER/AIL/STAB TRIMS.....
ZERO, ZERO, ____ UNITS
 FLIGHT CONTROLS.....FREE & NORMAL
 TAKEOFF DATA.....CHECKED
 CREW BRIEFING.....COMPLETED

BEFORE TAKEOFF CHECK [TO]

First Officer

Captain

FLIGHT ATTENDANTS.....NOTIFIED
 PREPARE FOR TAKEOFF.....ANNOUNCED
 EXTERIOR LIGHTS.....
TAXI OFF, STROBE ON, LANDING ON
 FLAPS.....(C) ____, ____, GREEN LIGHT
 FLIGHT DIRECTOR.....ON
 AUTO THROTTLE.....ARMED
 TRANSPONDER.....CODE SET, TA/RA
 TAKE-OFF CLEARANCE.....RECEIVED

AFTER TAKEOFF / CLIMB CHECK

Pilot Not Flying

Pilot Not Flying

GEAR LEVER.....UP AND OFF
 AUTOPILOT.....ENGAGE / ON
 LNAV.....ON
 VNAV.....ON
 FLAPS.....UP
 EXTERIOR LIGHTS.....LANDING OFF
 FLIGHT ATTENDANT ADVISORY.....ON

At the Transition Altitude

Pilot Not Flying

Pilot Not Flying

ALTIMETERS.....29.92 IN / STD

At the Cruise Altitude [CRZ]

Pilot Not Flying

Pilot Not Flying

CRZ ATTITUDE/SPEED.....CHECKED
 NO SMOKING/SEAT BELTS SIGNS.....AUTO
 CRUISE.....(Captain) ANNOUNCED

DESCENT CHECK [G/A]

Pilot Not Flying

Pilot Not Flying

NO SMOKING/SEAT BELTS SIGNS.....ON
 PRESSURIZATION.....CHECKED
 RECALL.....CHECKED
 ALLOWABLE LANDING WEIGHT.....CHECKED
 APPROACH PREPARATION / FMC ARRIVALS.....
COMPLETED

At the Transition Altitude

Pilot Not Flying

Pilot Not Flying

ALTIMETERS..... ____ IN (hPa), ____ FT

APPROACH CHECK

Pilot Not Flying

Pilot Not Flying

PREPARE FOR LANDING.....ANNOUNCED
 EXTERIOR LIGHTS.....LANDING ON
 FLIGHT ATTENDANT ADVISORY.....
COCKPIT IS STERILE
 APPROACH BRIEFING.....
(Pilot Flying) COMPLETED
 MINIMUMS.....(BOTH) ____ FT
 APPROACH FREQUENCY AND COURSE.....
(BOTH) _____ °
 VREF.....(BOTH) ____ APPROACH NUMBERS
CHECKED AND SET
 AUTOBRAKES..... SET
 CREW BRIEFING.....COMPLETED
 ALTIMETERS..... ____ IN (hPa), ____ FT

LANDING CHECK

Pilot Not Flying

Pilot Not Flying

FLIGHT ATTENDANTS.....NOTIFIED
 GEAR LEVER.....DOWN AND GREEN LIGHT
 SPEEDBRAKES.....ARMED
 FLAPS.....,____,____, GREEN LIGHT

AFTER LANDING CHECK

First Officer

Captain

LANDING & STROBE LIGHTS.....OFF
 TAXI LIGHT.....ON
 FLAPS.....UP
 STABILIZER TRIM.....6
 SPEEDBRAKES.....DOWN
 RADAR.....TEST
 TRANSPONDER.....STANDBY
 AUTOBRAKES.....OFF
 FLIGHT DIRECTOR.....OFF
 APU.....START

BOEING 747-400 NORMAL PROCEDURES CHECKLIST

PARKING CHECK

First Officer

Captain

- FLIGHT ATTENDANT ADVISORY.....
-NON-STERILE
- TAXI LIGHT.....OFF
- TIMER/STOPWATCH.....STOP/RESET
- PARKING BRAKES.....SET
- ELECTRICAL SYSTEM.....SET / APU AVAIL ON
- FUEL CONTROL SWITCHES.....CUTOFF
- NO SMOKING/SEAT BELTS SIGNS.....OFF
- HYDRAULIC DEMAND PUMPS.....OFF
- FUEL SYSTEM.....OFF
- IRS.....OFF
- BEACON LIGHTS.....OFF
- ANT-ICE SYSTEMS.....OFF
- AFT CARGO HEAT.....OFF
- WINDOW HEAT.....OFF
- YAW DAMPERS.....OFF
- AIRCONDITIONING.....OFF
- FMC.....CLEAR ROUTES
- EXTERIOR LIGHTS (WING/LOGO).....OFF

SECURING CHECK

- INTEGRAL LIGHTS.....OFF

**TERMINATION CHECK
(After Last Passenger Has Deplaned)**

- EVAC SIGNAL.....OFF
- EMERGENCY LIGHTS.....OFF
- PACKS.....OFF
- ELECTRICAL SYSTEM.....SET / APU AVAIL OFF
- APU.....OFF
- STANDBY POWER.....OFF
- BATTERY.....OFF