

## 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  
 ANTI-ICE 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  
 ANTI-ICE 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  
 ANTI-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