

Boeing 727-100/200 Normal Checklists

BEFORE START

Cockpit Preparation COMPLETED
 Anti-skid ON
 Stall Warning CHECKED
 Emergency Exit Lights ARMED
 Passenger Signs (if applicable) ON
 Window Heat ON
 Anti-Ice CLOSED
 Flight Inst., Altimeters, Flt. Directors.. SET, X-CHECKED
 Compasses SYNC, X-CHECKED
 Radios, Radar, Transponder SET, STBY
 Start Levers CUTOFF
 Parking Brakes SET
 Ruder & Aileron Trim FREE, SET ZERO
 Fuel KG, SET FOR START
 Hydraulics ... INTER CLOSED, PRESS & QTY NORMAL
 Papers ON BOARD

INS (if installed) NAV
 Beacon ON
 Hydraulic A Pump Switches AS RQRD
 Galley Power OFF
 Packs OFF
 Start Pressure PSI

AFTER START

Ground Equipment CLEAR
 Hydraulic A Pump Switches ON
 Fuel SET FOR TO
 Doors CHECKED

BEFORE TAKEOFF

Anti-Ice CLOSE/OPEN
 Pitot Heat ON
 Flight Instruments, FDS, Radios.. SET FOR DEPARTURE
 Flight Controls CHECKED
 Speedbrake CHECKED, DETENT
 Stabilizer Trim UNITS
 Flaps GREEN LIGHT
 Autobrake RTO
 Galley Power ON
 Electrical NO LIGHTS, ESS 3
 Fuel Heat OFF
 Hydraulics PRESS & QTY NORMAL
 Elevator and Rudder Lights OFF
 APU OFF
 Flight/Ground Switch FLIGHT
 Air Cond & Press NO 2 BLEEDS CLOSED, SET FOR TO
 Cockpit Door LOCKED
 EPR & Airspeed Bugs SET
 Take-off Briefing COMPLETED

Start Switches FLT
 Transponder TA/RA
 Strobe & Landing Lights ON
 CSD Oil Cooler OFF
 Auto Pack Trip Switch NORMAL/CUTOFF

AFTER TAKEOFF

No Smoking & Seat Belt Signs OFF/ON
 Anti-Ice CLOSE/OPEN
 Gear UP & OFF, NO LIGHTS
 Flaps UP, NO LIGHTS
 Auto Pack Trim Switch CUTOFF
 Hydraulics PRESS & QTY NORMAL
 Pressurization CHECKED & SET

DECENT & APPROACH

Seat Belt Sign ON
 Anti-Ice CLOSE/OPEN
 Landing Lights ON
 Autobrake
 Altimeters SET, X-CHECKED
 Radio Altimeter SET
 Flight Instruments, FDS, Radios SET, X-CHECKED
 EPR & Airspeed Bugs SET
 Fuel SET FOR LANDING
 Hydraulics PRESS & QTY NORMAL
 Pressurization & Cooling Doors SET

LANDING

No Smoking Sign ON
 Start Switches FLT
 Gear DOWN, 3 GREEN
 Flaps GREEN LIGHT
 Hydraulics PRESS & QTY NORMAL

AFTER LANDING

Window Heat OFF
 Anti-Ice AS RQD
 Pitot Heat OFF
 Flaps UP, NO LIGHTS
 Radar, Transponder OFF, STBY
 Speedbrake DETENT
 Stabilizer Trim ZERO UNITS
 Galley Power OFF
 Fuel 1 PUMP/ENGINE
 Hydraulics INTER OPEN, PRESS & QTY NORMAL
 Flight/Ground Switch GROUND
 Air Conditioning SET

SHUTDOWN

INS OFF
 Seat Belt Sign OFF
 Beacon OFF
 Exterior Lights AS RQRD
 Start Levers CUTOFF
 Parking Brakes SET
 Electrical APU/EXTERNAL POWER ON
 Fuel OFF
 Hydraulic B Pump Switches ON/OFF
 Air Cond 4 BLEEDS OPEN, PACKS SET/OFF

TERMINATE FLIGHT

Emergency Exit Lights.....OFF
 APU.....OFF
 Battery.....OFF

Flap Retraction Schedule

Takeoff Flaps	At Speed	Select Flaps
20 or 25	V2 + 10	15
	160	5
	190	2
	200	0
15	V2 + 10	5
	190	2
	200	0
5	190	2
	200	0
Over 68,000 kg, add 10 kt to flaps 5, 2, and 0 speeds		
Over 79,800 kg, add 20 kt to flaps 5, 2, and 0 speeds		
Over 86,600 kg, add 30 kt to flaps 5 speed and 35 kt to flaps 2 and 0 speeds		
Do not add retraction speeds for high weights to V2 + 10		

Flap Extension Schedule

Current Flap Position	At Speed	Select Flaps	Command Speed
UP	200	2	190
2	190	5	160
5	160	15	150
15	150	25	140
25	140	30/40	30VTH/40VTH
Over 68,000 kg, add 10 kt to above speeds			
Over 79,800 kg, add 20 kt to above speeds			
Over 86,600 kg, add 30 kt to flaps 5, 15, and 25 speeds and 35 kt to flaps 0 and 2 speeds			

Fuel Pumps & X-Feed Settings

	Tank 2 > 6000 lbs	Tank 2 ≤ 6000 lbs and Tank 1 & 3 > Tank 2	Tank 1, 2 & 3 equal and ≤ 6000 lbs per Tank
START	Tank 2 one Pump ON, All X-FEEDS OPEN	Tank 1 & 3 one Pump ON All X-FEEDS OPEN Tank 2 Pumps OFF	Tank 1, 2 & 3 one Pump ON, X-FEEDS tank-to-engine
TAXI	Tank 2 all Pumps ON, All X-FEEDS OPEN	Tank 1 & 3 all Pumps ON, All X-FEEDS OPEN, Tank 2 Pumps OFF	All Pumps ON, X-FEEDS tank-to-engine
TAKEOFF	All Pumps ON, X-FEEDS tank-to-engine		
CLIMB, CRUISE & DECENT	Tank 2 all Pumps ON, All X-FEEDS OPEN	Tank 1 & 3 Pumps ON, All X-FEEDS OPEN, Tank 2 Pumps OFF	
LANDING	All Pumps ON, X-FEEDS tank-to-engine		
AFTER LANDING	Tank 1, 2 & 3 one Pump ON, X-FEEDS tank-to-engine		