

BOEING 757 NORMAL CHECKLIST

POWER UP & PRELIMINARY PREFLIGHT		OXYGEN TEST AND MASK STOWED		CHECK
BATTERY Switch	ON	CREW OXYGEN		CHECK EICAS
STANDBY POWER Selector	AUTO	FLIGHT DIRECTOR SOURCE Selector:		
LANDING GEAR LEVER	DOWN	First Officer	R	Captain L
ELECTRICAL POWER	ESTABLISH	NAVIGATION INSTRUMENTS SOURCE SELCTOR:		
BUS TIE Switches	AUTO	First Officer	FMC R	Captain FMC L
IRS MODE Selectors	Off -> NAV	EFIS, IRS & AIR DATA Switches		OFF
ON DC Lights extinguish / ALIGN LIGHTS ON		ALTIMETERS		SET QNH
STATUS DISPLAY Oxy pres, Hyd qty & oil qty		INSTRUM.: TCAS, V1, INOP, RDMI FLAGS CHECK		
F.DECK AS & POWER TRS. UNIT GUARD CLOSED		MODE: A/T Blank, Roll TO, Pitch To, AFDS FD		
DOCUMENTS & EMERGENCY EQUIP.	CHECK	LANDING GEAR LEVER		DOWN
PARKING BRAKE	SET	ALTERNATE FLAPS Selector		NORM
CDU: Pos INIT, RTE, DEP, PERF INIT, T/O REF		ALTERNATE FLAPS Switches		OFF
PREFLIGHT		EICAS Display		CHECK
YAW DAMPER Switches	ON	COMPUTER Selector		AUTO
ELECTRONIC ENGINE CONTROL	ON-> OFF	TRUST REFERENCE SET Selector		BOTH
HYDRAULIC L & R PUMP	ON-> OFF	DH		SET
ELT Switches	ARMED	TERRAIN, HSI & WX		AS NEEDED
HF RADIO	SET	RADIO VHF & ADF		SET
APU GENERATOR Swtich	ON	ENGINE, CARGO, APU FIRE TEST		TEST
BUS TIE Switches	AUTO	TRANSPONDER STBY		SET
UTILITY BUS Switches	ON	SEAT, RUDDER, SEAT BELTS		SET
GENERATOR CONTROL	ON	AUTOTHROTTLE ARM		ARM
APU SELECTOR (if no GPU)	START -> ON	BANK LIMIT Selector		AS NEEDED
RUNWAY TURNOFF LIGHT	OFF	REVERSE BRAKES		OFF
EMERGENCY LIGHTS Swtich	GUARD CLOSED	ILS Selector		OFF
ENGINE LIMITER Switches	ON	STANDBY ENGINE INDICATOR Sel.		AUTO
ENGINE IGNITION Selector	1 or 2	ALTERNATE STABILIZER TRIM		NEUTRAL
ENGINE START Seletors	AUTO	SPEEDBRAKE Lever		DOWN
CROSSFEED Switches	OFF	REVERSE THRUST Levers		DOWN
FUEL PUMP Switches	OFF	FORWARD THRUST Levers		DOWN
ANTI ICE WING/ENGINE	OFF	PARKING BRAKE		SET
POSITION LIGHTS Switch	AS NEEDED	STABILIZER TRIM		GUARDS CLOSED
ANTI-COLLISION LIGHTS	OFF	FUEL CONTROL Switches		CUTOFF
WING LIGHTS Swtich	OFF	FUEL CONTROL FIRE Warning Lights EXTINGUISHED		
LANDING LIGHTS Swtiches	OFF	PREFLIGHT		
WINDOWS HEAT Switches	ON	OXYGEN		TEST
PASSENGER SIGN Selectors	ON	PRESSURIZZ. MODE SELECTOR		AUTO
CABIN AUTO RATE & LANDING ALTITUDE SET		FLIGHT INSTRUMENTS		TEST
Selector AUTO / EQUIPMENT COOLING OFF		PARKING BRAKE		SET
CABIN TEMP Selectors	AUTO	FUEL CONTROL Switches		CUTOFF
TRIM AIR Switches	ON	GEAR PIN		REMOVE
RECIRCULATION FAN Switch	ON	CALL PREFLIGHT COMPLETE		
PACK CONTROL Selectors	AUTO	BEFORE START		
ISOLATION Switch	ON	FLIGHT DECK DOOR		CLOSED & LKD
ENGINE BLEED AIR Switch	ON	CDU CHECK DATA		CHECK
APU BLEED AIR (if APU On)	ON	TAXI & TAKEOFF BRIEFING		COMPLETE
FLIGHT DIRECTOR L & R Switch	ON	EXTERIOR DOORS		CLOSED
VOR/DME Switch	AUTO	FLIGHT DECK WINDOWS		CLOSED

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OBTAIN CLEARANCE		REQUEST CLEARANCE	BEFORE TAKEOFF	
PUSHBACK		REQUEST CLEARANCE	TAKEOFF BRIEFING	REVIEWED
RIGHT ELECTRIC PUMP Switch		ON	PACKS Selectors	AUTO/OFF
CENTER 1 & 2 ELECTRIC PUMP		ON	FLAPS TAKEOFF	SET
LEFT ELECTRIC PUMP Switch		ON	STABILIZER TRIM	SET
L & R FUEL PUMP Switches		ON	FLIGHT CONTROLS	CHECKED
CENTER FUEL PUMP Switches		ON	CABIN SECURED & PA PREPARE FOR TAKEOFF	
RED ANTI-COLLISION LIGHTS		ON	TAXI (RWY TURNOFF) LIGHTS	OFF
RECALL Button		PUSH	CALL BEFORE TAKEOFF COMPLETE	
STABILIZER TRIM (Green Band)		SET	TAKEOFF	
BEFORE START			OBTAIN CLEARANCE	CLEARED TO TAKEOFF
FUEL		CHECK	WX RADAR & TERRAIN DISPLAY	AS NEEDED
PASSENGER SIGNS		SET	WHITE ANTI COLLISION LIGHTS	ON
WINDOWS		LOCKED	LANDING LIGHTS Switches	ON
MCP		SET	TRANSPONDER	TA/RA
TAKEOFF THRUST		CHECK	RNWX & ALIGNMENT	VERIFY
TAKEOFF SPEEDS		CHECK	TRUST TAKEOFF SET	SET & VERIFY
CDU PREFLIGHT		COMPLETE	CALL	80 kts - V1, VR, AND ROTATE
RUDDER AND AILERON TRIM		SET	LANDING GEAR LEVER	UP
TAXI AND TAKEOFF BRIEFING		COMPLETE	FLAPS	RETRACT
FLIGHT DECK DOOR		LOCKED	AFTER TAKEOFF	
RED ANTI COLLISION LIGHT		ON	PACKS Selector	AUTO
CALL BEFORE START COMPLETE			LANDING GEAR	UP
ENGINE START - REPEAT FOR EACH ENGINE			FLAPS	UP
PACK CONTROL Selectors		OFF	ABOVE FL100 LANDING LIGHTS	OFF
CALL START ENGINE ____			ALTIMETERS	SET & CROSSCHECK
ENGINE ____ START SELECTOR		GND	CALL AFTER TAKEOFF COMPLETE	
OIL PRESSURE INCREASE		VERIFY	FUEL BALANCING (Fuel leak)	
N2 ROTATION (min 18%)		VERIFY	CROSSFEED Switches	ON
FUEL CONTROL Switches		RUN	FUEL PUMPS Switches	OFF
EGT INCREASE		VERIFY	DESCEND	
BEFORE TAXI			PRESSURIZATION	LDG
APU Selector		OFF	RECALL	CHECKED
ENGINE ANTI-ICE Switches		AS NEEDED	AUTOBRAKE Selector	SET
PACK Selector		AUTO	LANDING DATA	VREF
ISOLATION Switch		OFF	APPROACH BRIEFING	COMPLETED
GROUND EQUIPMENT		CLEAR	CALL DESCEND COMPLETE	
FLAPS TAKEOFF		SET	APPROACH	
FLIGHT CONTROLS		CHECK	ALTIMETERS	CHECK
STATUS & EICAS Display		CHECK	NAV AIDS	SET
TRANSPONDER		CHECK	CALL APPROACH COMPLETE	
BEFORE TAXI			LANDING	
ANTI-ICE		AS REQUIRED	CABIN	SECURED
ISOLATION SWITCH		OFF	SPEEDBRAKE	ARMED
RECALL		CHECKED	LANDING GEAR	DOWN
AUTOBRAKE Selector		RTO	FLAPS	SET
GROUND EQUIPMENT		CLEAR	CALL LANDING COMPLETE	
CALL BEFORE TAXI COMPLETE			OBTAIN CLEARANCE	CLEARED TO LAND

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SHUTDOWN

HYDRAULIC PANEL SET	CHECK
FUEL PUMPS OFF Switches	CHECK
FLAPS	UP
PARKING BRAKE	SET
FUEL CONTROL Switches	CUTOFF
WEATHER RADAR	OFF
CALL SHUTDOWN COMPLETE	

SECURE

IRS Selectors OFF	CHECK
EMERGENCY LIGHTS Switch	OFF
WINDOWS HEAT LEFT Switch	OFF
WINDOWS HEAT RIGHT Switch	OFF
PACKS Selectors	OFF
EXTERNAL POWER	SET
APU Selectors	OFF
STANDBY POWER Selectors	OFF
BATTERY Switch	OFF
GROUND SERVICES BUS	CHECK

Weights	Pounds
Maximum Taxi Weight (MTW)	221,000
Maximum Take Off Weight (MTOW)	220,000
Maximum Landing Weight (MLW)	198,000
Maximum Zero Fuel Weight (MZFW)	184,000

Flap Maneuver Speeds

FLAP POSITION	MANEUVER SPEED
UP	VREF30 + 80
1	VREF30 + 60
5	VREF30 + 40
15	VREF30 + 20
20	VREF30 + 20
25	VREF25
30	VREF30

Stab Trim Setting

WEIGHT (1000 LB)	C.G. %MAC						
	9	14	19	24	29	34	39
260	7	7	6	5	4 1/4	3 1/4	2 1/2
240	7	6 3/4	5 3/4	4 3/4	4	3 1/4	2 1/2
220	7	6 1/4	5 1/4	4 1/2	3 3/4	3 1/4	2 1/2
200	7	6	5	4 1/4	3 1/2	3	2 1/4
180	6 1/2	5 1/2	4 1/2	4	3 1/4	2 3/4	2 1/4
160	6 1/4	5 1/4	4 1/4	3 3/4	3	2 1/2	2

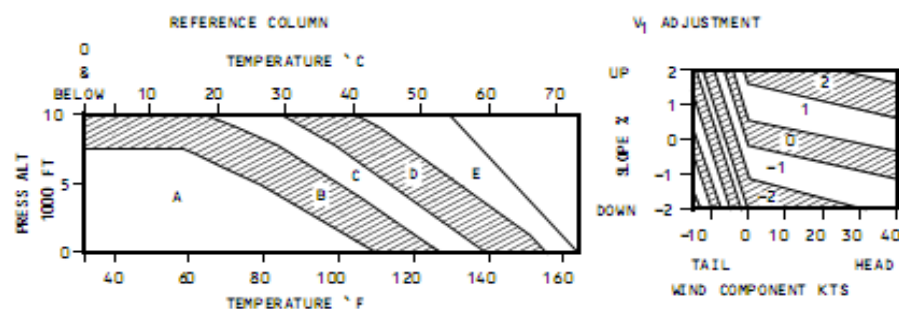
VREF (KIAS)

WEIGHT (1000 LB)	FLAPS		
	30	25	20
260	155	157	165
240	148	150	158
220	140	142	151
200	133	135	144
180	125	127	136
160	117	119	128
140	109	111	119

Reference Fuel And Time Required at Check Point

AIR DIST (NM)	PRESSURE ALTITUDE (1000 FT)									
	10		14		18		22		28	
	FUEL (1000 LB)	TIME (HR:MIN)	FUEL (1000 LB)	TIME (HR:MIN)	FUEL (1000 LB)	TIME (HR:MIN)	FUEL (1000 LB)	TIME (HR:MIN)	FUEL (1000 LB)	TIME (HR:MIN)
200	4.4	0:39	3.8	0:38	3.4	0:38	3.0	0:37	2.5	0:35
400	9.0	1:14	8.1	1:11	7.3	1:09	6.7	1:07	5.9	1:03
600	13.6	1:49	12.4	1:44	11.2	1:41	10.3	1:38	9.2	1:31
800	18.1	2:24	16.6	2:18	15.1	2:13	14.0	2:09	12.5	2:00
1000	22.6	3:00	20.7	2:51	19.0	2:45	17.6	2:40	15.7	2:28
1200	27.0	3:36	24.8	3:25	22.8	3:18	21.1	3:12	19.0	2:56
1400	31.4	4:12	28.9	3:59	26.5	3:50	24.6	3:43	22.2	3:25
1600	35.8	4:49	33.0	4:34	30.2	4:23	28.1	4:15	25.4	3:54
1800	40.1	5:26	37.0	5:09	33.9	4:56	31.6	4:47	28.6	4:23

BOEING 757 PERFORMANCE



FLAPS	WEIGHT (1000 LB)	A			B			C			D			E		
		V1	VR	V2	V1	VR	V2	V1	VR	V2	V1	VR	V2	V1	VR	V2
1	260	180	183	185	182	185	186									
	240	171	174	177	173	176	177									
	220	162	165	169	164	167	169	166	169	170						
	200	153	155	161	155	157	161	157	159	161	159	162	162			
	180	143	145	153	145	148	153	147	150	153	149	152	153	152	154	154
	160	132	135	144	134	137	144	136	139	144	138	141	144	141	144	144
5	260	165	168	171	167	169	170									
	240	157	160	163	159	161	163									
	220	149	152	155	151	153	156	153	155	156						
	200	140	143	148	142	145	148	144	147	148						
	180	131	134	140	133	136	140	135	138	140	137	140	141			
	160	121	124	132	123	126	132	125	128	132	127	130	132	130	133	133
15	260	157	160	161												
	240	149	152	154												
	220	141	144	147	143	146	147									
	200	133	136	140	134	138	140	136	140	141						
	180	124	127	133	126	129	133	128	131	133	130	133	133			
	160	115	119	125	117	120	125	118	122	126	120	124	126	122	126	126
20	260	147	150	152												
	240	140	143	146												
	220	133	136	140												
	200	125	128	133	127	130	133									
	180	117	120	126	119	122	126	120	123	127						
	160	108	112	119	110	113	119	111	115	119	113	117	119			

Takeoff EPR

Based on engine bleed for packs on and anti-ice off

AIRPORT OAT		AIRPORT PRESSURE ALTITUDE (FT)							
°F	°C	0	1000	2000	3000	4000	5000	6000	8000
158	70	1.20	1.21	1.21	1.22	1.22	1.23	1.23	1.23
149	65	1.24	1.24	1.24	1.24	1.24	1.24	1.24	1.24
140	60	1.26	1.26	1.26	1.26	1.26	1.26	1.26	1.26
131	55	1.28	1.28	1.28	1.28	1.28	1.28	1.28	1.28
122	50	1.32	1.32	1.32	1.32	1.32	1.32	1.32	1.32
113	45	1.35	1.35	1.35	1.35	1.35	1.35	1.35	1.35
104	40	1.37	1.38	1.38	1.39	1.39	1.39	1.39	1.39
95	35	1.39	1.40	1.41	1.41	1.42	1.43	1.43	1.43
86	30	1.41	1.42	1.43	1.44	1.45	1.45	1.45	1.45
77	25	1.41	1.43	1.45	1.47	1.48	1.49	1.49	1.49
68	20	1.41	1.43	1.45	1.47	1.49	1.51	1.52	1.52
59	15	1.41	1.43	1.45	1.47	1.49	1.51	1.53	1.55
50 & BELOW	10 & BELOW	1.41	1.43	1.45	1.47	1.49	1.51	1.53	1.56