



Douglas DC-8-63

Microsoft Flight Simulator 2004

Aircraft and Panel by Historic Jetliners Group (HJG):
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Other simulator checklists and other sim/real aviation items available for download at <http://www.faatest.com> and <http://www.faatest.com/downloads/simchecklists/simchecklists.html>

Pre-Start Checklist

Parking Brake	SET
Throttle	IDLE
Fuel Flow	All Levers CUTOFF Position
BATT Switch	ON
Engine Start Buttons	OFF Position
Landing Gear Lever	CHECK DOWN
Flaps / Spoiler	UP / RETRACTED
Fuel Quantity	CHECK
Pitot Heat / Anti-Ice	OFF
Aircraft Lighting	OFF
Flight controls	FREE AND CORRECT
Fasten Seat Belts	ON
No Smoking Sign	ON
Elevator Trim	TAKEOFF SETTING
Check Weather	(Atis, Flight Services)
Anti-Ice	TEST/CHECK
Request Clearance	
Transponder	STANDBY
Anti Collision Lights	ON

Startup Checklist

Thrust Levers	IDLE
Engine Area	CLEAR
Call ground support for external power => EXT PWR Light	MECH CALL button CHECK ILLUMINATED
Battery Switch move to Starter & Ignition Switch	EXT PWR Position ARMED
Call ground support "ready for start eng #3"	MECH CALL button
#3 Start Button	PULL
=> Button should illuminate	CHECK
=> N2 starts to rise slowly	CHECK
At N2 > 15% Fuel Cutoff Lever Eng #3	ON
At N2 > 35% push #3 Start Button	OFF
Call ground support to disconnect external power	MECH CALL button
Call ground support "ready for start eng #4,2,1"	MECH CALL button
Move Throttle Lever #3 up to achieve 30-32 PSI	on "Start Air Pressure" (~ 80% N2)
Start remaining engines in sequence	4 - 2 - 1



Landing Checklist

Landing Gear	CHECK DOWN
Autopilot	OFF
Landing Speed	140 KIAS
After touchdown	Apply Reverse Thrust, at 60 kts: Cancel Reverse Thrust
Spoilers	VERIFY EXTENDED
Brakes	AS REQUIRED

Taxi To Ramp

Strobe Light	OFF
Flaps	UP
Spoilers	RETRACTED
Taxi Lights	ON
Landing Lights	OFF
Speed	Max. 20 knots
Transponder	1200 / OFF
Elevator Trim	TAKEOFF SETTING

Shutdown Checklist

Parking Brake	SET
BATT Switch	ON
Throttle	IDLE
Passenger Signs	OFF
Pitot Heat	OFF
Anti-Ice	OFF
Taxi Lights	OFF
Nav Lights	OFF
Fuel Flow	CUTOFF
Anti Collision Lights	OFF
BATT Switch	OFF

Securing Aircraft

Parking Brake	Verify SET
Throttle	Verify IDLE
All Switches	Verify OFF

Start Button	PULL
==> Button should illuminate	CHECK
==> N2 starts to rise slowly	CHECK
At N2 > 15% Fuel Cutoff Lever	ON
At N2 > 35% push Start Button	OFF
#3 Engine Thrust Lever	IDLE
Starter & Ignition Switch	OFF

Before Taxi Checklist

Nav Lights	ON
Taxi Lights	ON
Heading Indicator/Altimeters	SET
Radios and Avionics	SET FOR DEPARTURE
<i>Request Taxi Clearance</i>	

Taxi Checklist

Parking Brake	RELEASE
Taxi to assigned runway	SPEED Max. 20 knots
Brakes	CHECK during taxi
Directional Gyro / Turn Coordinator	PROPER IND. during turns

Before Take-off Checklist

Parking Brake	SET
Throttle	IDLE
Elevator Trim	SET for takeoff
Flaps	15 deg (25 deg on short rwy)
Spoilers	RETRACTED
Flight Instruments	CHECKED
Engine Instruments	CHECK
Takeoff Data (V1, VR, V2)	CHECK
Nav Equipment	CHECK
Landing Lights	ON
Taxi Lights	OFF
Strobe Light	ON
Pitot Heat	ON
Anti-Ice	AS REQUIRED
Transponder	ON
<i>Request Takeoff Clearance</i>	

Take-off Checklist

Smoothly increase thrust to	40% N1 let spool up
Takeoff Thrust	FULL
Brakes	RELEASE
V1 =	130 KIAS (decision)
Vr =	140 KIAS (rotate)
Pitch	8-10 deg. nose up
V2 =	155 KIAS (safety speed)
At Positive Climb Rate	Touch Brakes
Landing Gear	RETRACT
At 180 KIAS (V2 + 25)	RETRACT Flaps to 15 deg
At 210 KIAS (V2 + 55)	RETRACT flaps up

Climb-out Checklist

Throttle	AS REQUIRED
Trim for	250 KIAS / 1800 fpm
Autopilot	ACTIVATE
Below 10000' max. speed	250 KIAS
ATC	AS REQUIRED
Fasten Seat Belts	OFF
No Smoking Sign	OFF
Above 10000' speed	300 KIAS
Landing Lights	OFF

Cruise Checklist (above FL 180)

At Transition Altitude (FL180) set Altimeter to	29,392" (1013mb)
Accelerate to cruise speed	FL180 0.68 mach (335 KIAS)
	FL240 0.76 mach (335 KIAS)
	FL280 0.80 mach (326 KIAS)
	FL330 0.80 mach (290 KIAS)
Engine+Instruments	CHECK
Fuel Quantity	CHECK
Radios	TUNED and SET
Autopilot	CHECK and SET
Lights	as required

Descent Checklist

Atis/Airport Information	CHECK
Altimeter	CHECK
Radios	SET
Anti-Ice	AS REQUIRED
Descent Speed	to FL240 0.80 mach
	to FL180 0.70 mach
At Transition Altitude (FL180) reset Altimeter to local	to FL120 300 KIAS
	below 10'000ft 250 KIAS
Fuel Quantities and Balance	CHECK
Flaps / Landing Gear	CHECK UP
Check Weather	(ATIS, Flight Services)

Approach Checklist

Localizer Level Flight :

Fasten Seat Belts	ON
No Smoking Sign	ON
Avionics + Radios	SET
Speed: Establish	210 KIAS
Landing Lights	ON
Auto Spoilers	ARM
Flaps	15 degrees
Speed: Establish	180 KIAS
Flaps	25 degrees
Speed: Establish	160 KIAS
Landing Gear	DOWN
Turning toward runway: set flaps	35 degrees or FULL

Final Glideslope Descent :

Anti-Ice	AS REQUIRED
Speed Establish	145 KIAS
Elevator Trim	AS DESIRED
Parking Brake	VERIFY OFF