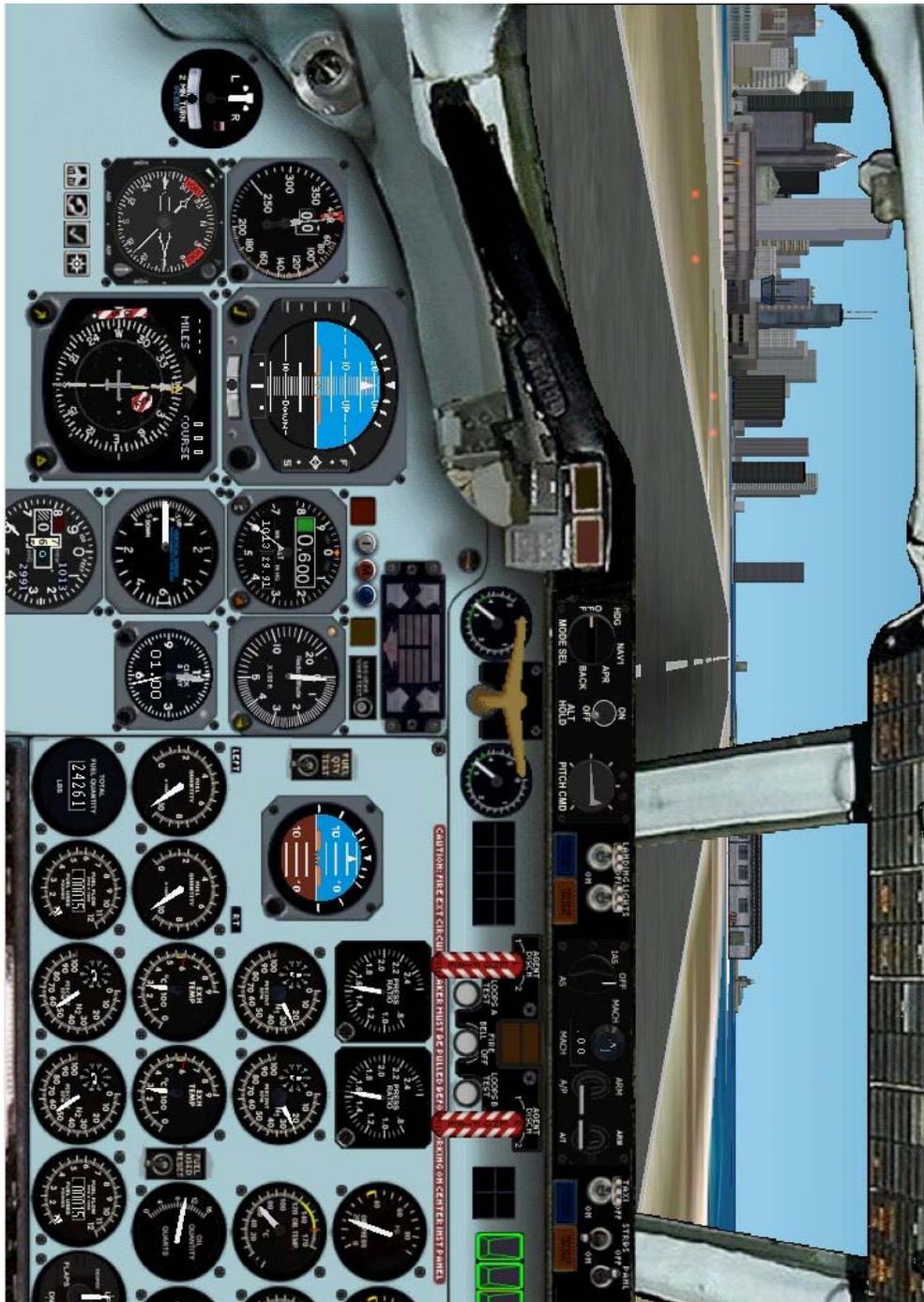


McDonnell Douglas DC-9-32

Microsoft Flightsimulator 2002

Aircraft and Panel : David Durst



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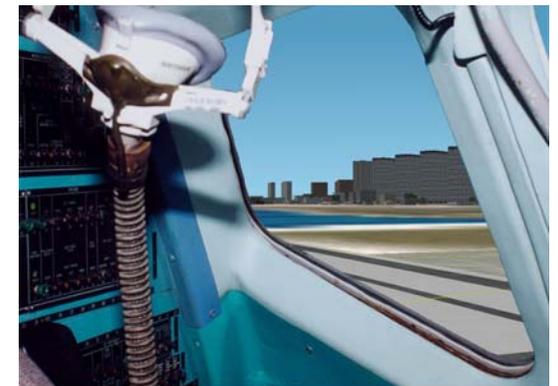
Pre-Start Checklist

Brakes	SET	
Throttle	IDLE	
BATT Master Switch	ON	Shift-M
Panel Light	ON	
Gear Lever	CHECK DOWN	
Flaps	UP	
Spoiler	RETRACTED	
Fuel Quantity	CHECK	
Engine Instruments	CHECK	
Pitot Heat / De-Ice / Aircraft Lighting	OFF	
Flight controls	CHECK	
Avionics	ON	
Check Weather	(Atis, Flight Services)	
Request Clearance		
Transponder	SET	
Strobes / Beacon	ON	



Startup Checklist

Thrust Levers	IDLE	
Engine Area	CLEAR	
Aircondition fan	ON	
Fuel Flow	Eng 1 / Eng 2	ON Ctrl^Shift^F4
Eng 1 / Eng 2	Start Switch	START Ctrl^E
	Fuel Flow	CHECK
	N1 incr. as N2 incr.	CHECK
	Oil Pressure	CHECK
Pitot Heat	ON	
De-Ice	AS REQUIRED	



Landing Checklist

Autoland	Available ?
Landing Gear	CHECK DOWN
Autopilot	OFF
Autothrottle	OFF
Landing Speed	130 KIAS
After touchdown	Apply Reverse Thrust, at 60 kts: Cancel Reverse Thrust
Spoilers	VERIFY EXTENDED
Brakes	AS REQUIRED

Taxi To Ramp

Flaps	UP
Spoilers	RETRACTED
Taxi Lights	ON
Landing Lights	OFF
Speed	Max. 20 knots
Transponder	OFF
Elevator Trim	TAKEOFF SETTING
Lights	AS DESIRED

Shutdown Checklist

Brakes	SET	
Throttle	IDLE	
Passenger Signs	OFF	
Aircondition fan	OFF	
Pitot Heat	OFF	
De-Ice	OFF	
Taxi Lights	OFF	
Avionics	OFF	
Fuel Flow	OFF	Ctrl^Shift^F1
Strobes / Beacon	OFF	
Panel Light	OFF	
BATT Master Switch	OFF	Shift-M)

Before Taxi Checklist

Nav Lights	ON
Taxi Lights	ON
Heading Indicator/Altimeters	SET
Standby Instruments	SET
Avionics	SET FOR DEPARTURE
Autopilot	SET and OFF
Autothrottle	ARMED
Yaw Damper	ON AS REQUIRED
Elevator Trim	SET for takeoff

Request Taxi Clearance

Taxi Checklist

Fasten Seat Belts	ON
No Smoking Sign	ON
Brakes	RELEASE
Taxi to assigned runway	SPEED Max. 20 knots

Before Take-off Checklist

Brakes	SET
Throttle	IDLE
Flaps	5 deg
Spoilers	RETRACTED
Landing Lights	ON
Flight Instruments	CHECKED
Engine Instruments	CHECK
Takeoff Data (V1, VR, V2)	CHECK
Nav Equipment	CHECK

Request Takeoff Clearance

Take-off Checklist

Smoothly increase thrust to Takeoff Thrust	40% N1 let spool up FULL or TO/GA
Brakes	RELEASE
V1 =	135 KIAS (decision)
Vr =	140 KIAS (rotate)
Pitch	10 deg. nose up
V2 =	145 KIAS (safety speed)
At Positive Climb Rate	Touch Brakes
Landing Gear	RETRACT
At 1000' AGL	RETRACT flaps up
Spoiler Lever	VERIFY RETRACTED

Climb-out Checklist

Throttle	FULL
Trim for	250 KIAS
Autopilot/Autothrottle	CHECK and SET
Taxi Lights	OFF
Landing Lights	OFF
Below 10000' max. speed	250 KIAS
ATC	AS REQUIRED
Fasten Seat Belts	OFF
No Smoking Sign	OFF
Above 10000' speed	280 KIAS

Cruise Checklist (above FL 180)

At Transition Altitude (FL180) set Altimeter to	29,92" (1013mb)
Accelerate to cruise speed	FL180 0.65 mach
	FL240 0.75 mach
	FL280 0.78 mach
	FL330 0.79 mach
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
De-Ice	AS REQUIRED
Descent Speed	to FL240 0.75 mach
	to FL180 0.65 mach
At Transition Altitude (FL180) reset Altimeter to local	to FL120 280 KIAS
	below 10'000ft 240 KIAS
Fuel Quantities and Balance	CHECK

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	5 degrees
Speed: Establish	190 KIAS
Flaps	15 degrees
Speed: Establish	160 KIAS
Landing Gear	DOWN
Turning toward runway: set flaps	25 degrees or FULL

Final Glideslope Descent :

Speed Establish	140 KIAS
Park brakes	VERIFY OFF