



# Dash 7

## Microsoft Flightsimulator 2004

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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 Brakes	SET
Battery Switch / Generator Switches	OFF
Throttle	IDLE
Landing Gear Lever	CHECK DOWN
Flight Idle Gate Lever	OFF
Propeller	FEATHER
Condition Levers	FUEL SHUTOFF
Flaps	UP
Battery Switch	ON
Panel Lights	ON if required
Fuel Quantity	CHECK
Flight controls	CHECK
Avionics Master Switch	ON
Check Weather	(ATIS, Flight Services)
Anti-ice Switches	TEST/CHECK
<b><i>Request Clearance</i></b>	
Transponder	STANDBY
Beacon	ON

## Startup Checklist

Engine and Propeller Area	CLEAR
Throttle	IDLE
Flight Idle Gate Lever	ON
Engine Ignition Switches	CHECK ON
Propeller	CHECK FEATHER
Fuel Pumps	CHECK ON
Propeller	HIGH RPM
Ignition Master Switch	ON (START)
Engine Start Sequence : 1 - 2 - 3 - 4	
Select Engine, Start Button	PRESS (no need to hold)
ITT and N1 Turbine RPM	MONITOR
Generator	ON
Engine Select	OFF
Ignition Master Switch	NORMAL
Generator Annunciators	EXTINGUISHED
Engine Instruments	CHECK



## Taxi To Ramp

Strobes	OFF
Taxi Lights	ON
Landing Lights	OFF
Flaps	RETRACT
Anti-ice	OFF
Spoilers	RETRACT
Transponder	1200
Speed	Max. 20 knots
Elevator Trim	TAKEOFF SETTING
Avionics/Radios	AS REQUIRED

## Shutdown Checklist

Parking Brake	SET
Throttle	IDLE
Pitot Heat	OFF
Avionics Switch	OFF
Taxi Lights	OFF
Nav Lights	OFF
Propeller	FEATHER
Flight Idle Gate Lever	OFF
Condition Levers	FUEL SHUTOFF
Beacon	OFF
Generator Switches	OFF
Panel Light	OFF
Battery Switch	OFF when N1<15%

## Securing Aircraft

Parking Brake	Verify SET
Throttle	Verify IDLE
All Switches	Verify OFF

## Before Taxi Checklist

Nav Lights	ON
Taxi Lights	ON
Heading Indicator	SET
Altimeter	SET
Instruments	NORMAL OPERATION
Radios and Avionics	CHECKED and SET
Autopilot	SET and OFF

***Request Taxi Clearance***

## Taxi Checklist

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

## Before Take-off Checklist

Parking Brake	SET
Fuel Quantity	CHECK
Throttle	IDLE
Elevator Trim	SET for takeoff
Flaps	SET 25 deg
Flight Controls	FREE AND CORRECT
Engine/Flight Instruments	CHECK
Radios and Avionics	SET
Landing Lights	ON
Taxi Lights	OFF
Strobe Light	ON
Pitot Heat	ON
Anti-Ice	AS REQUIRED
Propeller	HIGH RPM
Annunciator Lights	CHECK
Transponder	ON

***Request Takeoff Clearance***

## Take-off Checklist

Smoothly increase thrust to	FULL	
Brakes	RELEASE	
V <sub>1</sub> =	75 KIAS (descision)	
V <sub>r</sub> =	80 KIAS (rotate)	
Pitch	8 degrees	
V <sub>2</sub>	85 KIAS (safety speed)	
At Positive Climb Rate	Touch Brakes	
Landing Gear	RETRACT	
Flaps	15 deg	
Trim for climb to maintain	120 KIAS	Torque 75
At 500' AGL	RETRACT FLAPS	
Pitch	10-15 degrees	
Annunciator Lights / Engine Instruments	CHECK	

## Climb-out Checklist

Autopilot	CHECK and SET	
Landing Lights	OFF	
Airspeed	150 KIAS	Torque 85
Climb Rate	approx. 1200 fpm	
Engine Instruments	MONITOR	
<b>ATC</b>	<b>AS REQUIRED</b>	
At Transition Altitude (FL180) set Altimeter to 29,92" (1013mb)		

## Cruise Checklist

Accelerate to cruise speed	195 KIAS	Torque 80
	V <sub>max</sub> 225 KIAS	
Service Ceiling	21'000 ft	
Engine+Instruments	CHECK	
Engine Temperatures	STABILIZE at cruise cond.	
Fuel Quantity	CHECK	
Radios	TUNED and SET	
Autopilot	CHECK and SET	
Lights	as required	
Engine Instruments	CHECK	

## Descent Checklist

Atis/Airport Information	CHECK	
Altimeter	CHECK	
Radios	SET	
Descent Speed	160 KIAS	Torque 18
Flaps / Landing Gear	CHECK UP	
Fuel Balance	CHECK	
At Transition Altitude (FL180) reset Altimeter to local		
Check Weather	(ATIS, Flight Services)	

## Approach Checklist

### Localizer Level Flight :

Propeller	HIGH RPM	
Auto Spoilers	ARM	
Speed: Establish	140 KIAS	Torque 38
Flaps	SET 15 deg	
Speed: Establish	120 KIAS	Torque 40
Flaps	SET 25 deg	Torque 45
Landing Lights	ON	
Landing Gear	DOWN	
Turning toward runway: set flaps	45 deg	

### Final Glideslope Descent :

Speed: Establish	100 KIAS	Torque 32
Elevator Trim	AS DESIRED	
Parking Brake	VERIFY OFF	
Anti-ice	AS REQUIRED	

## Landing Checklist

Autopilot	OFF
Autothrottle (IAS)	OFF
Landing Speed	90 KIAS
Touchdown	MAIN WHEELS FIRST
Landing Roll	LOWER NOSE WHEEL
Spoilers	VERIFY EXTENDED
After touchdown	Apply Reverse Thrust, at 50 kts: Cancel Reverse Thrust