



Beechjet 400A

Microsoft Flightsimulator 2002

Aircraft and Panel: Eaglesoft Development Group

URL: <http://www.eaglesoftdg.com>



Foto: Raytheon Aircraft Company



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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	OFF
Radio Master Switches	OFF
Engine Start Select	OFF
Throttle	IDLE/CUTOFF
Roll Trim Select Switch	BOTH
Roll & Rudder Trim Disconnect Switch	NORM
Pitch Trim Switch	NORM
Engine Synchronizer Switch	OFF
Flaps	UP
Landing Select Switch	GUARD DOWN (FLAPS 30°)
Emergency Brake Handle	SAFETIED
Landing Gear Lever	CHECK DOWN
Spoilers	RETRACTED
Fuel Flow Switches	CUTOFF
Master Generator Switches	GUARD DOWN (NORM)
Indicator Lights Switch	AS DESIRED
Instrument Light Switches	AS DESIRED
Exterior Light Switches	OFF
Landing Light Switches	RETRACT OFF
Anti/Deice Switches	OFF
Heater Switches	OFF
Wiper Switches	OFF
Inverter Switches	ON
Ignition Switches	STBY
Jet Pump Switches	NORM
Fuel Crossfeed Switch	NORM
Standby Power	ON (CHECK ANNUNC)
Battery Switch	ON (CHECK ANNUNC)
Battery Feed Test	PUSH (CHECK ANNUNC)
Battery	EMER., THEN ON (CHECK ANNUNC)
Panel / Instrument Lights	ON if required
Emergency Lights	TEST/OFF
Master Test	TEST
Airspeed/Landing Gear Aural Warnings	TEST
Indicator Lights	TEST
Fuel System	CHECK





Boost Pumps
 Fuel Transfer
 Fuel Crossfeed
 Trim System
 Fasten Seat Belts
 No Smoking Sign
 Fuel Quantity
 Flight controls
 Radio Master Switches
 Check Weather
 Anti-/De-Ice

AUTO
 ON MOMENTARILY, THEN AUTO
 CHECK
 CHECK
 ON
 ON
 CHECK
 CHECK
 ON
 (ATIS, Flight Services)
 TEST/CHECK

Request Clearance

Transponder
 Beacon

STANDBY
 ON

Startup Checklist

Engine Area
 Throttle
 Standby Power
 DC Voltage
 Emergency Lights
 Generator Reset Switches

CLEAR
 IDLE
 ON
 CHECK
 GUARD ON (ARM)
 SET FOR START

Left Engine

Engine Start Select
 Fuel Flow Switch
 Engine Start

LEFT ENGINE
 ON
 START (hold until engine starts)

Repeat for Right Engine

Generators
 Engine Start Select
 Aircondition
 Hydraulic Pressure
 Engine Instruments
 Ignition & Boost Pump Lights
 Annunciator Lights
 Generator Reset Switches
 DC Amperes & Voltage, AC Voltages

CHECK OPERATION
 OFF
 ON
 CHECK
 CHECK
 EXTINGUISHED
 EXTINGUISHED
 NORM
 CHECK

Before Taxi Checklist

Nav Lights	ON
Standby Gyro	UNCAGE
Heading Indicator	SET
Altimeter	SET
Instruments	NORMAL OPERATION
Radios and Avionics	SET for DEPARTURE
Autopilot	SET, don't activate
Autothrottle	SET, don't activate
F/D	ON
Engine Anti-ice	AS REQUIRED
Cabin Signs	CHECK

Request Taxi Clearance

Taxi Checklist

Parking Brake	RELEASE
Brakes	CHECK during taxi
Anti-Skid	CHECK
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
Jet Pumps	CHECK
Fuel Transfer	CHECK
Fuel Crossfeed	NORM
Fuel Quantity and Balance	RECHECK
Throttle	IDLE
Elevator Trim	SET for takeoff
Flaps	20 deg
Spoilers	RETRACTED
Flight Controls	FREE AND CORRECT
Engine Instruments	CHECK
Flight Instruments	CHECK



Taxi To Ramp

Strobe / Recognition Light	OFF
Landing Lights	OFF
Antikollision Lights	OFF
Flaps	UP
Spoilers	RETRACT
Anti-/De-Ice	OFF
Heaters	OFF
Pitot Heat	OFF
Ignitions	STANDBY
Transponder	1200 / STANDBY
Speed	Max. 20 knots
Elevator Trim	TAKEOFF SETTING
Avionics/Radios	AS REQUIRED

Shutdown Checklist

Parking Brake	SET
Standby Power	OFF
Throttle	IDLE
Passenger Signs	OFF
F/D	OFF
Aircondition	OFF
Radios / Avionics	OFF
Nav Lights	OFF
Fuel Switch L/R	CUTOFF
Emergency Light	OFF
Beacon	OFF
Panel / Instrument Lights	OFF
Battery Switch	OFF

Securing Aircraft

Parking Brake	Verify SET
Throttle	Verify IDLE
All Switches	Verify OFF

Takeoff Data (V1, Vr, V2)	CHECK
Radios and Avionics	SET
Antikollision Lights	ON
Landing Lights	ON
Strobe / Recognition Light	ON
Pitot Heat	ON
Heaters	ON
Anti-/De-Ice	AS REQUIRED
Ignitions	ON
Annunciator Lights	CHECK CLEAR
Transponder	ON

Request Takeoff Clearance

Take-off Checklist

Smoothly increase thrust to	40% N1 let spool up
Takeoff Thrust	FULL
Brakes	RELEASE
V1 =	105 KIAS
Vr =	110 KIAS
Pitch	10-12 degrees
V2 =	115 KIAS
At Positive Climb Rate	Touch Brakes
Landing Gear	RETRACT
Yaw Damper	ON
At 400 ft AGL	RETRACT Flaps to 10 deg
At 1'500 ft AGL	RETRACT Flaps UP
Annunciator Lights/Eng. Instruments	CHECK

Climb-out Checklist

Reduce Pitch	to 8 degrees
Trim for	250 KIAS / 1800 fpm
Autopilot/Autothrottle	CHECK and ACTIVATE
Landing Lights	OFF
Ignitions	STBY
Anti /De Ice	AS REQUIRED
Below 10000' max. speed	250 KIAS

ATC

Fasten Seat Belts
No Smoking Sign
Above 10000' speed

AS REQUIRED

OFF
OFF
310 KIAS

Cruise Checklist (above FL 180)

At Transition Altitude (FL180)	set Altimeter to 29,92" (1013mb)
Accelerate to cruise speed	FL180 0.67 mach
	FL240 0.74 mach
	FL280 0.78 mach
	FL330 0.78 mach
	... 0.78 mach
Service Ceiling	FL410 0.78 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
Anti /De Ice	AS REQUIRED
Descent Speed	to FL240 0.74 mach
	to FL180 0.65 mach
At Transition Altitude (FL180)	reset Altimeter to local
	to FL120 280 KIAS
	below 10'000ft 250 KIAS
Flaps / Landing Gear	CHECK UP
Spoilers	CHECK RETRACTED
Fuel Quantity & Balance	CHECK
Check Weather	(ATIS, Flight Services)

Approach Checklist

Localizer Level Flight :

Fasten Seat Belts	ON
No Smoking Sign	ON
Avionics + Radios	SET
Speed: Establish	200 KIAS
Landing Lights	ON
Auto Spoilers	ARM
Ignitions	ON
Flaps	10 deg
Speed: Establish	150 KIAS
Flaps	20 deg
Speed: Establish	130 KIAS
Landing Gear	DOWN
Turning toward runway: set flaps	FULL DOWN (30 deg)

Final Glideslope Descent :

Speed: Establish	110 KIAS
Elevator Trim	AS DESIRED
Parking Brake	VERIFY OFF
Anti-/De-Ice	AS REQUIRED
Yaw Damper	OFF

Landing Checklist

Landing Gear	CHECK DOWN, 3 GREEN
Autopilot / Autothrottle	OFF
Landing Speed	105 KIAS
Touchdown	MAIN WHEELS FIRST
Landing Roll	LOWER NOSE WHEEL
Spoilers	VERIFY EXTENDED
Brakes	AS REQUIRED
After touchdown	Apply Reverse Thrust, at 60 kts: Cancel Reverse Thrust