



# Beechjet 400A

## Microsoft Flight Simulator 2004

Aircraft and Panel: Eaglesoft Development Group

URL: <http://www.eaglesoftdg1.com>



Foto: Raytheon Aircraft Company



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## 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	AUTO
Fuel Transfer	ON MOMENTARILY, THEN AUTO
Fuel Crossfeed	CHECK
Trim System	CHECK
Fasten Seat Belts	ON
No Smoking Sign	ON
Fuel Quantity	CHECK
Flight controls	CHECK
Radio Master Switches	ON
Check Weather	(ATIS, Flight Services)
Anti-/De-Ice	TEST/CHECK

***Request Clearance***

Transponder	STANDBY
Beacon	ON

**Startup Checklist**

Engine Area	CLEAR
Throttle	IDLE
Standby Power	ON
DC Voltage	CHECK
Emergency Lights	GUARD ON (ARM)
Generator Reset Switches	SET FOR START
Left Engine	
Engine Start Select	LEFT ENGINE
Fuel Flow Switch	ON
Engine Start	START (hold until engine starts)
Repeat for Right Engine	
Generators	CHECK OPERATION
Engine Start Select	OFF
Aircondition	ON
Hydraulic Pressure	CHECK
Engine Instruments	CHECK
Ignition & Boost Pump Lights	EXTINGUISHED
Annunciator Lights	EXTINGUISHED
Generator Reset Switches	NORM
DC Amperes & Voltage, AC Voltages	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