

# Beech King Air 350

Microsoft Flightsimulator 2002

Aircraft : Default Beechcraft Beech King Air 350  
Panel : Default Beechcraft Beech King Air 350



Werner Schott  
Switzerland  
w.schott@abts.ch



## Pre-Start Checklist

Parking Brakes	SET
Throttle	IDLE
Landig Gear Lever	CHECK DOWN
Avionics Master Switch	OFF
Throttle Quadrant Display	ON
Avionics Frequ. Display	ON
Master Warning Display	ON
Master Caution Display	ON
Flaps	UP
Propeller	HIGH RPM
Fuel Cond. Lever	FUEL CUTOFF (Ctrl-Shift-F1)
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 Switch	ON
Anti-ice Annunciators	ILLUMINATED
<b>Request Clearance</b>	
Transponder	SET
Beacon	ON

## Startup Checklist

Engine and Propeller Area	CLEAR
Throttle	IDLE
Fuel Flow	ON
Right Ignition and Engine Start Switch	ON (hold until engine starts)
Right ITT and N1 Turbine RPM	MONITOR
Right FUEL PRESS LO Annunciator	EXTINGUISHED
Right OIL PRESS LO Annunciator	EXTINGUISHED
Right Oil Pressure	CHECK
Right Generator	ON

## Shutdown Checklist

Parking Brake	SET
Throttle	IDLE
Autofeather	OFF
F/D	OFF
Avionics Switch	OFF
Taxi Lights	OFF
Nav Lights	OFF
Strobes	OFF
Pitot Heat	OFF
Fuel Cond. Lever	CUTOFF (Ctrl-Shift-F1)
Propeller	FEATHER
Beacon	OFF
Panel Light	OFF
Battery Switch	OFF when N1<15%
Generator Switch	OFF

## Securing Aircraft

Parking Brake	Verify SET
Throttle	Verify IDLE
All Switches	Verify OFF

## Approach Checklist

### Localizer Level Flight :

Autofeather	VERIFY ARMED	
Propeller	HIGH RPM	
Fuel Cond. Lever	FULL	
Speed: Establish	150 KIAS	Torque 30
Flaps	SET APPR	
Speed: Establish	130 KIAS	Torque 40
Landing Gear	DOWN	
Landing Lights	ON	
Turning toward runway: set flaps	FULL DOWN	

### Final Glideslope Descent :

Speed: Establish	110 KIAS	Torque 25
Elevator Trim	AS DESIRED	
Parking Brake	VERIFY OFF	
Anti-ice	AS REQUIRED	

## Landing Checklist

Landing Gear	CHECK DOWN, 3 GREEN
Autopilot	OFF
Landing Speed	100 KIAS
Touchdown	MAIN WHEELS FIRST
Landing Roll	LOWER NOSE WHEEL
After touchdown	Apply Reverse Thrust, at 50 kts: Cancel Reverse Thrust

## Taxi To Ramp

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

Left Ignition and Engine Start Switch	ON (hold until engine starts)
Left ITT and N1 Turbine RPM	MONITOR
Left FUEL PRESS LO Annunciator	EXTINGUISHED
Left OIL PRESS LO Annunciator	EXTINGUISHED
Left Oil Pressure	CHECK
Left Generator	ON
Feather/Unfeather Props	CHECK once
Master Warning Display	OFF
Master Caution Display	OFF
Throttle Quadrant Display	OFF
Engine Instruments	CHECK

## Before Taxi Checklist

Strobe Light	ON
Nav Lights	ON
Taxi Lights	ON
Heading Indicator / Altimeter	SET
Instruments	NORMAL OPERATION
Radios and Avionics	CHECKED and SET
Autopilot	SET and OFF
F/D	ON
Yaw Damper	ON AS REQUIRED
Autofeather	ARM
Anti-ice	AS REQUIRED

### 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
Pitot Heat	ON
Landing Lights	ON
Fuel Quantity	CHECK
Throttle	IDLE
Propeller	HIGH RPM
Elevator Trim	SET for takeoff
Flight Controls	FREE AND CORRECT
Engine Instruments	CHECK
Annunciator Lights	CHECK
Radios and Avionics	SET

### *Request Takeoff Clearance*

## Take-off Checklist

Smoothly increase thrust to	FULL
Brakes	RELEASE
V1 =	105 KIAS (descision)
Vr =	110 KIAS (rotate)
V2	115 KIAS
Pitch	10-15 degrees
At Positive Climb Rate	Touch Brakes
Landing Gear	RETRACT
Trim for climb to maintain	140 KIAS      Torque 70
Annunciator Lights	CHECK
Engine Instruments	CHECK

## Climb-out Checklist

Propeller Synchrophaser	ON
Autopilot	CHECK and SET
Taxi Lights	OFF
Landing Lights	OFF
Airspeed	160 KIAS      Torque 80
Engine Instruments	MONITOR

## *ATC*

At Transition Altitude (FL180) set Altimeter to 29,92" (1013mb)

## *AS REQUIRED*

## Cruise Checklist

Accelerate to cruise speed	220-240 KIAS    Torque 80
Autofeather	OFF
Service Ceiling	35'000 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
Autofeather	ARM
Descent Speed	180 KIAS      Torque 10
Flaps	CHECK UP
Landing Gear	CHECK UP
Fuel Balance	CHECK
At Transition Altitude (FL180) reset Altimeter to local	
Check Weather	(ATIS, Flight Services)