

Boeing 717

Atlantic Sun Airways CAT B Pilot Procedures



This is the first of a series of Atlantic Sun Airways CAT B pilot procedures and checklists for our fleet. Use them with good judgment.

General Characteristics

Dimensions:

Span 93 ft. 3 in.

Length 124 ft.

Height 29 ft. 1 in.

Engines:

717-200BGW – Two-18,000 lb Rolls-Royce BR715-A1-30 turbofans

717-200HGW – Same or optionally 20,000 lb or 21,000 lb. BR 715s.

Weight and Capacities

717BGW – Operating Empty: 69,830 lb.

Max TOW: 110,100 lb

717-200HGW – Operating Empty: 70,790 lb.

Passengers: 106

Crew: 2 + 1



THE CHECKLISTS

PRESTART CHECKLIST

Parking Brake
 Throttle
 Fuel Flow
 BATT Master Switch
 Landing Gear Lever
 Flaps
 Spoiler
 Fuel Quantity
 Pitot Heat
 De-Ice
 Aircraft Lighting
 Flight Controls
 Fasten Seat Belts
 No Smoking
 Check Weather
 De-Ice
Request Clearance
 Transponder
 Beacon

SET
 IDLE
 CUTOFF
 ON
 CHECK DOWN
 UP
 RETRACTED
 CHECK
 OFF
 OFF
 OFF
 FREE AND CORRECT
 ON
 ON
 (ATIS, Flight Service)
 TEST/CHECK

 STANDBY
 ON

TAKEOFF CHECKLIST

Smoothly increase thrust to
Takeoff Thrust
Brakes
V1=
Vr=
Pitch
V2=
At Positive Climb Rate
Landing Gear
At 1000' AGL
At 210 KIAS

40% N1 let spool up
FULL or TO/GA
RELEASE
140 KIAS (decision)
150 KIAS (rotate)
10-deg. nose up
160 KIAS (safety speed)
Touch Brakes
RETRACT
RETRACT flaps to 1 deg.
RETRACT flap up

CLIMBOUT CHECKLIST

Throttle
Trim for
Autopilot/Autothrottle

AS REQUIRED
250 KIAS / 1800 fpm
CHECK and ACTIVATE

Below 10,000' max. speed
ATC
Fasten Seatbelts
No Smoking
Landing Lights
Above 10,000' speed

250KIAS
AS REQUIRED
OFF
OFF
OFF
280 KIAS

CRUISE CHECKLIST (above FL 180)

At Transition Altitude (FL180) set Altimeter to
Accelerate to cruise speed

29.92 (1013 mb)
FL180 0.67 mach
FL240 0.76 mach
FL280 0.78 mach
FL330 0.78 mach

Engine+ Instruments
Fuel Quantity
Radios
Autopilot
Lights

CHECK
CHECK
TUNED and SET
CHECK and SET
AS REQUIRED

DESCENT CHECKLIST

ATIS /Airport Information
Altimeter
Radios
De-ice
Descent Speed

CHECK
CHECK
CHECK
AS REQUIRED
to FL240 0.75 mach
to FL180 0.65 mach

At Transition Altitude (FL180) reset Altimeters to local

to 12,000' 280 KIAS
Below 10,000' 250 KIAS

Fuel Quantities and Balance
Flaps /Landing Gear
Check Weather

CHECK
CHECK UP
(ATIS, Flight Service)

APPROACH CHECKLIST

On Localizer Level flight:
Fasten Seat Belts
No Smoking
Avionics + Radios
Speed: Establish
Landing Lights
Auto Spoilers
Flap Lever Position
Speed: Establish
Flap Lever Position
Speed: Establish
Landing Gear
Set Flap Lever Position

ON
ON
SET
210 KIAS
ON
ARM
5→10 deg.
180KIAS
15→20 deg.
160KIAS
DOWN
30 deg or FULL

Final glide Slope Descent:

Speed Establish
Elevator Trim
Parking Brake
De-ice

145 KIAS
AS DESIRED
VERIFY OFF
AS REQUIRED

LANDING CHECKLIST

Landing Gear
Autopilot
Landing Speed
At Touchdown
After Touchdown

CHECK DOWN
OFF
140 KIAS
Pitch to +1 Deg.
Apply Reverse Thrust
60KIAS: Cancel Reverse
Thrust

Spoilers
Brakes

VERIFY EXTENDED
AS REQUIRED

TAXI TO RAMP CHECKLIST

Strobe Light	OFF
Flaps	UP
Spoilers	RETRACTED
Taxi Lights /Runway Turnoff Lights	ON
Landing Lights	OFF
Speed	Max. 20 knots
Transponder	1200/OFF
Elevator Trim	TAKEOFF SETTING

SHUTDOWN CHECKLIST

Parking Brake	SET
Throttles	IDLE
Passenger Signs	OFF
Air-conditioning Fan	OFF
Pitot Heat	OFF
De-ice	OFF
Taxi Lights / Runway turnoff Lights	OFF
Nav Lights	OFF
F/D	OFF
Fuel flow	OFF
Alt/Generators 1 – 2	OFF
Engine Start Switches 1 - 2	VERIFY OFF
Beacon	OFF
Passenger Door	OPEN
BATT Master Switch	OFF

SECURING AIRCRAFT

Parking Brake	VERIFY SET
Throttles	VERIFY IDLE
All Switches	VERIFY OFF
Passenger Door	CLOSED

Good Luck and enjoy using these procedures, I have flight tested and verified them on FS9. Of course if you have a real Boeing 717 use the Operating Procedures in your AFM!

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