

BAE 146 NORMAL CHECKLIST



PRE FLIGHT CHECKLIST

Weather Radar	OFF	BETWEEN BOTH FMS's
Tilt	Set to +15 UP	Dial on same screen
Transponder	STBY	Center Console - Bottom Left
Airbrake	IN	Left of Throttles
Flaps	UP	Right of Throttles
Battery 1+2	ON	Overhead Panel (11:00)
Check for at least 24 Volts	BATT1/BATT2 Dial	Gauge next to Battery Switches
Nav Lights	HI INT	TOP TOP right Overhead Panel
No Smoking Signs	AUTO	Directly below Light Switches
Cabin Emergency Lighting	ARM	Next to "NO SMOKING:"
Confirm Gear DOWN	DOWN/Three Green Lights	Center Panel above TMS
Parking Brake	YEL/PULLED	Center Console
Yaw Damp Master 1 +2	ON	TOP TOP Left Overhead Panel
AP MASTER and AVIONICS MASTER 1+2	ON	TOP TOP Left Overhead Panel
ANTI SKID	ON	TOP TOP Left Overhead Panel
YEL and GRN LIFT SPOILERS	ON	TOP TOP Left Overhead Panel

DOWN THE LINE

BUS-TIE Switches	AUTO	Overhead Panel (7:00)
STBY INV and STBY GEN	ARM	Overhead Panel (7:00)
GEN 1 and GEN 4	OFF/RESET	Just below previous
APU GEN	ON	Next to Gen 4
L INNER PUMP	ON	Overhead Panel (8:00)
APU Master Switch	START/Monitor RPM and TGT/Wait for APU PWR AVAIL LIGHT	Overhead Panel (12:00)
APU AIR	ON	Overhead Panel (2:00)
ONE PACK	ON	Overhead Panel (1:00)

DOWN THE LINE

DC PUMP	ON/Make sure Yellow Pressure rises/OFF	TOP Left Overhead Panel (HYDRAULICS)
AC PUMP	ON/Make sure Yellow Pressure rises	TOP Left Overhead Panel (HYDRAULICS)
PTU switch	ON/Make sure GREEN pressure rises	TOP Left Overhead Panel (HYDRAULICS)
PTU and AC PUMP	OFF when all lights have been extinguished	TOP Left Overhead Panel (HYDRAULICS)
Engine Anti-Ice	All 4 ON	Overhead Panel (6:00)
FLT DECK EMERG LTS	ARM	Just below previous
YD	PRESS for YD1 and YD2	Center Console next to AP

DOWN THE LINE

Doors/Stairs	OPEN	EFB TABLET
Fuel	LOADED	EFB TABLET

BEFORE START CHECKLIST

Yellow Brake Pressure at least 2500	If not, turn ON DC PUMP until pressure is up.	Captain's Panel (5:00)
Thrust levers	FUEL OFF POSITION	Center Console
ALL Hydraulic Switches	OFF	TOP Left Overhead Panel (HYDRAULICS)
CTR TANK TRANSFER	AUTO	Overhead Panel (10:00) (Fuel Panel)
Pressurization Mode	AUTO/DISCH VALVES TO NORMAL	Overhead Panel (1:00) (Pressurization)
ALT SET	Adjust pressurization knob to CRZ ALT.	Overhead Panel (1:00) (Pressurization)
ICE DETECT	ON	Overhead Panel (5:00)
FUEL GAUGES	CONFIRM ENOUGH FUEL	Center Panel to the left of TMS

DOWN THE LINE

Contact ATC and Pick up IFR if needed

ATC/FID on Tansponder	ENTER Flight ID/Press ENTER	Center Console - Bottom Left
ATC/FID on Tansponder	Enter XPDR Code	Center Console - Bottom Left
Power on the TMS	Press PWR	Center Panel
Test the TMS	Press TST	Center Panel
Adjust the Outside Air Temp	Scroll the TREF at the top right	Center Panel
Arm Take Off Mode	Press TO - Observe the N% Display	Center Panel
Set TGT to max temp	840 Degrass (Bottom left of TMS)	Center Panel
Set the N1 and TGT bugs	Manually set ENG 1 Gauges for both	Center Panel
Set REF Speeds on the ASI	Click the Flipchart to add colored bugs	Center Panel
TURN TMS OFF	OFF (So it doesnt interfere with Eng Start)	Center Panel

DOWN THE LINE

Flight Dir. Bars	ON	AP Panel (Both sides)
VHF NAV 1 Radio	ON	AP Panel (Left side)
Rotate DME Knob	ON	AP Panel (Left side)
Adjust HDG KNOB	Select Runway HDG	AP Panel (Center)
Select initial ALT/ALT ARM	Dictated by ATC	AP Panel (Center)
HSI Source	RNAV	Captain's Panel (2:00)
COMM 1 and 2	ON/ SET	Below left FMS

DOWN THE LINE

FLT PLAN	Loaded in the FMS	Left FMS/Center Console
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REQUEST PUSHBACK/STARTUP

ENGINE START CHECKLIST

Retract Stairs	AC PUMP to ON/Retract stairs/OFF	EFB TABLE/TOP Left Overhead Panel (HYDRAULICS)
Doors and Chocks	Closed and Removed	EFB TABLE
Fasten Belts	ON	Overhead Panel (5:00)
Beacon Lights	ON	TOP TOP right Overhead Panel
APU AIR	OFF	Overhead Panel (2:00)
PACK SWITCHES	CONFIRM BOTH OFF	Overhead Panel (1:00)
Parking Brake	Release	Center Console
Begin Pushback	Start	
All Fuel Pumps	ON	Overhead Panel (8:00)
End Pushback	Parking Brake SET	
Start PWR Switch	NORM	Overhead Panel (Center)
Start Master	ON	Overhead Panel (Center)
Rotate START SELECT to 4	Press the eng. Start switch for one second	Overhead Panel (Center)
N2% is 10%	CONFIRM and Advance thrust to FUEL ON	Center Panel/Center Console
REPEAT for remaining 3 engs.	Turn Dial/Start/FUEL ON	Center Panel/Center Console
Start Selector	OFF	Overhead Panel (Center)
Start Master	OFF	Overhead Panel (Center)

DOWN THE LINE

Engine Anti Ice	OFF IF NOT NEEDED	Overhead Panel (6:00)
GEN 1 and GEN 4	ON	Overhead Panel (7:00)
APU AIR	ON	Overhead Panel (2:00)
PACK SWITCHES	ON	Overhead Panel (1:00)
Brake Fans	AUTO	TOP TOP left Overhead Panel
ENG 2 and 3 hydraulic pumps	ON/confirm 3000 PSI	TOP Left Overhead Panel (HYDRAULICS)
AC PUMP	ON	TOP Left Overhead Panel (HYDRAULICS)
PTU	ON	TOP Left Overhead Panel (HYDRAULICS)
ALL HEATERS	ON	Overhead Panel (5:00) ICE PROT.
TMS	ON - TO MODE ARMED	Center Panel
Transponder Knob	TA/RA	Center Console - Bottom Left

REQUEST TAXI with INFORMATION

TAXI CHECKLIST

FLAPS	SET Position	Center Console
Taxi Lights	ON	Overhead Panel (6:00)
Set Take off Trim	Click CG% SMC	EFB TABLE
CONT IGN	ON ONLY IF WATER ON RWY	Overhead Panel (Center)
CABIN CALL	Wait for Crew to confirm	Overhead Panel (8:00)
TMS	ON and TO engaged/N1 REF is shown	Center Panel

Controls unlocked

Confirm

YOKE

TAKEOFF CHECKLIST

AWAIT TAKEOFF CLEARANCE

Landing Lights	ON	Overhead Panel (6:00)
Strobe Lights	ON	TOP TOP right Overhead Panel
Hold Brakes	Bring thrust to 55%	Center Console

AFTER TAKEOFF CHECKLIST

GEAR	UP	Center Console
FLAPS	RETRACTED	Center Console
MAINTAIN CLIMB SPEED	190 KTS	

CLIMB CHECKLIST

AUTOPILOT	ON	Center Console next to YD
VS MODE	ON	AP Panel (Center)
LNAV	ON	AP Panel (Center)
Reduce Thrust	Maintain 220 KIAS	Center Console
TMS	SYNC all 4 engines on the TMS	Center Panel
SYNC (AFTERBURNER)	Press Z and manually pitch the aircraft)	
SYNC (AFTERBURNER)	Press Z again to disable SYNC	
ALL 4 ENGINE AIR SWITCHES	ON	Overhead Panel (4:00)
APU AIR	OFF/Confirm pressurizing	Overhead Panel (2:00)
AC PUMP and PTU	OFF	TOP Left Overhead Panel (HYDRAULICS)
Shut Down APU	STOP	Overhead Panel (12:00)
Cabin Call	Press to let them begin their duties	Overhead Panel (8:00)
Landing Lights	Off at 10,000 Ft.	Overhead Panel (6:00)
Fasten Seatbelts	OFF	Overhead Panel (5:00)
Increase Climb speed	250 KIAS	
TMS	MCT while climbing	Center Panel
Thrust	Begin to lower thrust as you level off	Center Console

DESCENT CHECKLIST

APPROACH	BRIEFED	FEB TABLET
ATIS	CHECKED	FEB TABLET
ALTIMETER	CHECKED	
ILS FREQ	SET	AP Panel (Left side)
DH	SET	Captain's Panel (3:00)

Reduce Speed	250 KIAS	Center Console
Set next Altitude	Charts	AP Panel (Right Side)
VS MODE	ENGAGE	AP Panel (Center)
SYNC (AFTERBURNER)	ENGAGE	
PITCH DOWN	-2000 FPM	
SYNC (AFTERBURNER)	DISENGAGE	
TMS	DESC MODE	Center Panel
PTU	ON	TOP Left Overhead Panel (HYDRAULICS)
Cabin ALT Target	Set to landing elevation (Auto Dial)	Overhead Panel (1:00) (Pressurization)
Check Flipcharts	Check VREF speed for Approach	Center Panel

Approach and Landing CHECKLIST

Landing Lights	On through 10,000 ft.	Overhead Panel (6:00)
Reduce speed	220 KIAS	Center Console
Fasten Seatbelt Sign	ON	Overhead Panel (5:00)
APU Master	START at 5000 ft. AGL (confirm rise)	Overhead Panel (12:00)
KEEP WATCHING SPEED	Reduce to 200 KIAS	Center Console
V/L (VOR/LOC)	Engaged (If using localizer)	AP Panel (Center)
GSL (Glideslope)	Engaged (If using localizer)	AP Panel (Center)
HSI Source	NAV	Captain's Panel (2:00)
Cabin Call	Await confirmation for secure	Overhead Panel (8:00)
Cabin Secured Slider	Move to the correct position for landing	Center Console (rear)
Flaps	Adjust accordingly	Center Console
Gear	Down	Center Panel
Landing Speed Bugs Set	Click Flipchart when landing flaps are set	Center Panel
AC PUMP	AUTO	TOP Left Overhead Panel (HYDRAULICS)
APU AIR	ON	Overhead Panel (2:00)
ALL 4 ENGINE AIR SWITCHES	OFF	Overhead Panel (4:00)
Confirm Brakes	YELLOW	Center Console
Confirm Flaps	FULL	Center Console
Disconnect AP	Passing through 500 Ft. Reduce to VREF	Center Console next to YD
SPEEDBRAKES	As you Cross the Runway Threshold	Center Console
Thrust Levers	Flight Idle - Then Touchdown	Center Console
Speedbrakes	FULL to LIFT SPOILERS	Center Console
	<i>Exit Runway</i>	
Taxi Lights	ON	Overhead Panel (6:00)
Strobe Lights	OFF	TOP TOP right Overhead Panel
TMS	OFF	Center Panel
Transponder	STBY	Center Console - Bottom Left
CONT IGN A & B Switches	OFF (If needed)	Overhead Panel (Center)

SHUTDOWN CHECKLIST

Taxi Lights	OFF	Overhead Panel (6:00)
Parking Brake	ENGAGED	Center Console
HYDRAULIC PUMPS	OFF	TOP Left Overhead Panel (HYDRAULICS)
GEN 1 and GEN 4	OFF/RESET	Overhead Panel (7:00)
Thrust Levers	FUEL OFF POSITION	Center Console
Fasten Seatbelts	OFF	Overhead Panel (5:00)
FUEL PUMPS (except L INNER)	OFF	Overhead Panel (8:00)
HEATERS	OFF	Overhead Panel (5:00) ICE PROT.
ICE DETECTION	OFF	Overhead Panel (5:00)
Beacon Light	OFF	TOP TOP right Overhead Panel
Doors/Stairs/Chocks	OPEN (Dont forget AC Pump)	EFB TABLET

LEAVING THE AIRCRAFT

Yaw Damper Master 1 and 2	OFF	TOP TOP Left Overhead Panel
AP MASTER SWITCH	OFF	TOP TOP Left Overhead Panel
AVIONICS MASTER A & B	OFF	TOP TOP Left Overhead Panel
BRAKE FANS	OFF (When suffieciently cool)	TOP TOP Left Overhead Panel
ANTI SKID	OFF	TOP TOP Left Overhead Panel
YEL and GRN lift Spoilers	OFF	TOP TOP Left Overhead Panel
FLT DECK Emergency Lights	OFF	Next to Landing Lights
Packs 1 and 2	OFF	Overhead Panel (1:00)
FLT Deck Fan and Cabin Fan	OFF	AIR CONDITIONING above packs
APU AIR	OFF	Overhead Panel (2:00)
SHUT DOWN APU	HOLD APU OVSPD test button	TOP TOP RIGHT OVERHEAD PANEL (GRND TEST)
All Fuel Pumps	OFF	Overhead Panel (8:00)
Galley Switch	SHED	Overhead Panel (7:00)
ALL REMAINING LIGHTING	OFF	Side Panels/Overhead Panels
BATT 1 and BATT 2	OFF	Overhead Panel (11:00)

Note, this checklist is only a guide based on the supplied Just Flight 146 documentation. It should not be considered for