



B Ae-146

Microsoft Flightsimulator 2002

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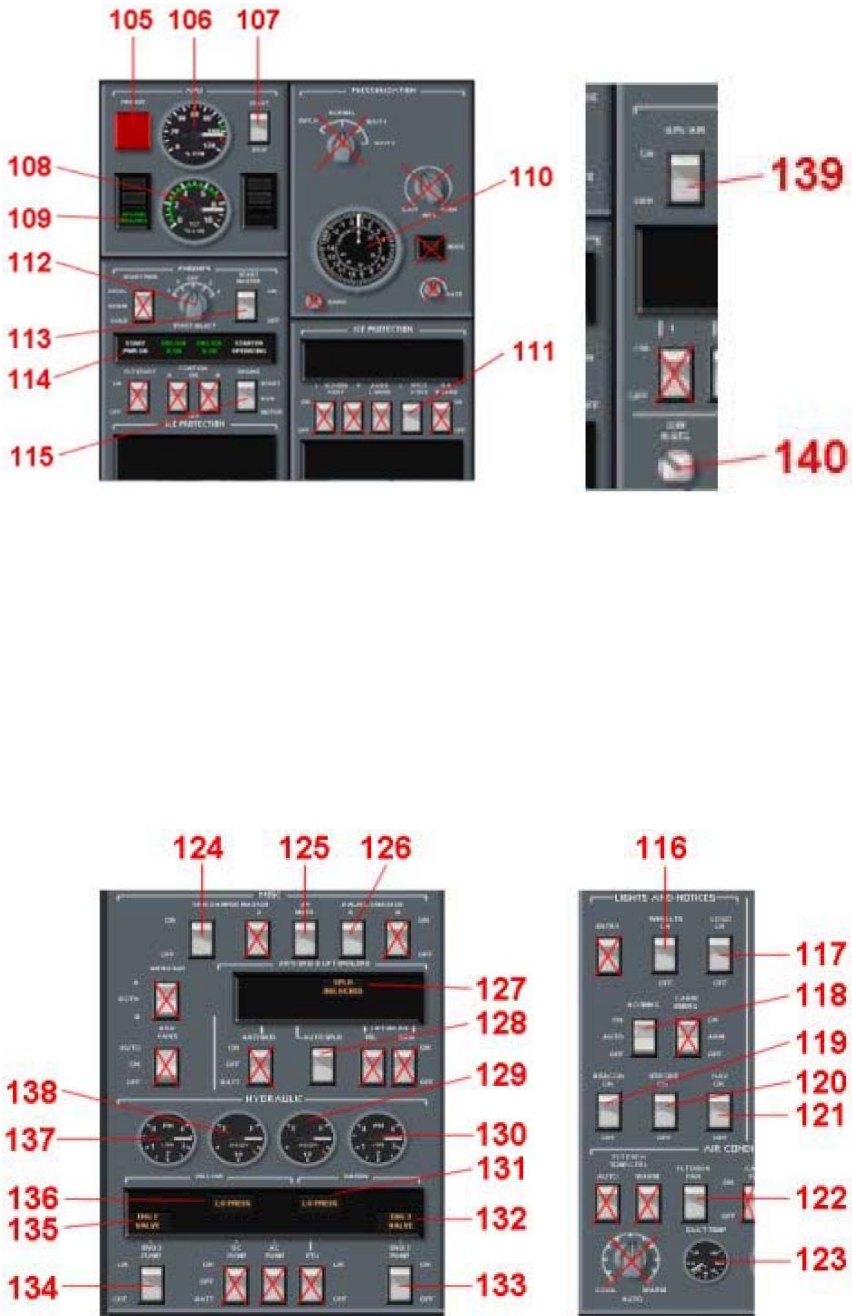
The numbers correspond to the manual, which is part of the package. See also pages 8-11.

Pre-Start Checklist

Parking Brake		SET
Throttle		IDLE
BATT Master Switch	89	ON
APU Generator Switch	4	ON
APU Switch	107	ON
APU Air Switch	139	OFF
==> CHECK APU Generator Amperemeter, RPM, TGT, Main Bus Voltmeter		
AC + DC Bus Ties	104+92	SET AUTO
==> Annunciator for Bus Ties go off		
Gear Lever		CHECK DOWN
Flaps		UP
Spoiler		RETRACTED
Fuel Quantity		CHECK
Engine Instruments		CHECK
Pitot Heat	111	OFF
Anti-Ice	6	OFF
Aircraft Lighting		OFF or AS REQUIRED
Flight controls		CHECK
Avionics	126	ON
Check Weather		(Atis, Flight Services)
Request Clearance		
Transponder		SET
Beacon	119	ON

Startup Checklist

Thrust Levers		IDLE
Engine Area		CLEAR
Anti-Ice	6	ON
Aircondition fan	122	ON
Hydr. Pump Eng. 2+3	134+133	OFF





Fuel Valves	74+75	OPEN
Fuel Pumps	Eng 1-4	86 ON
==> Fuel Pump Annunciator Lights go off		
Start Master Switch	113	ON
Select Engine 4	112	SELECT
Starter Button	115	PRESS few seconds
==> Starting Annunciator Lights go on		
==> Starting Annunciator Lights go off when engine has started		

Repeat Starting Procedure for Engines 3 – 2 – 1

Engine Selector Switch	112	OFF
Start Master Switch	113	OFF
APU Air Switch	139	ON
Generator Switch 1+4	2+5	ON
==> Check Engine Generator Lights go off		

Hydr. Pump Eng. 2+3	134+133	ON
==> Check Hydraulic Warning Lights go off		

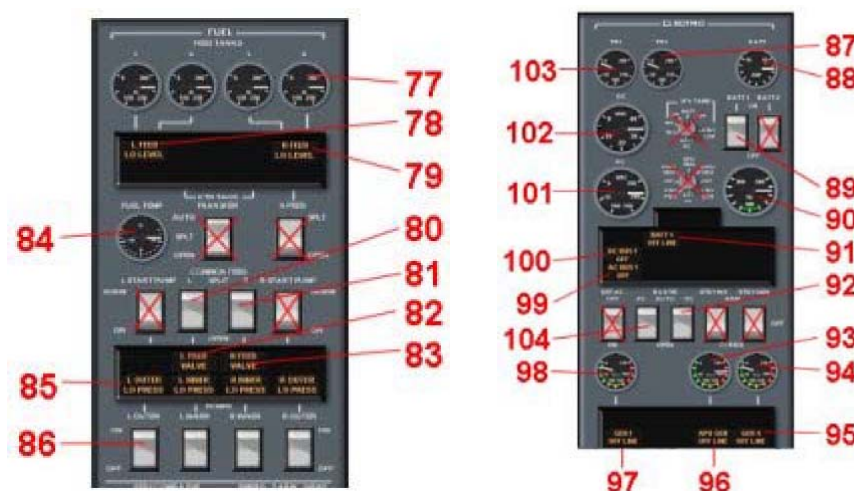
==> Check all warning lights should be off, except green APU light

Pitot Heat	111	ON
Anti-Ice	6	AS REQUIRED

Before Taxi Checklist

Strobe Light	120	ON
Nav Lights	121	ON
Taxi Lights	9	ON
Heading Indicator		SET
Altimeters		SET
Standby Instruments		SET
Avionics		SET FOR DEPARTURE
Autopilot		SET and OFF
Autothrottle		ARMED
F/D		ON
Yaw Damper	124	ON AS REQUIRED
Elevator Trim		SET for takeoff

Request Taxi Clearance



Taxi Checklist

Fasten Seat Belts	10	ON
No Smoking Sign	118	ON
Brakes		RELEASED
Taxi to assigned runway		SPEED Max. 20 knots

Before Take-off Checklist

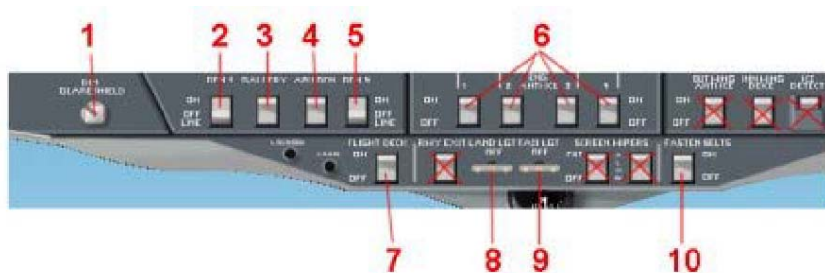
Brakes		SET
Throttle		IDLE
Flaps		10 deg
Spoilers		RETRACTED
Landing Lights	8	ON
Flight Instruments		CHECKED
Engine Instruments		CHECK
Takeoff Data (V1, VR, V2)		CHECK
Nav Equipment		CHECK

Request Takeoff Clearance

Take-off Checklist

Smoothly increase thrust to	40% N1 let spool up
Takeoff Thrust	FULL or TO/GA
Brakes	RELEASE
V1 =	120 KIAS (decision)
Vr =	125 KIAS (rotate)
Pitch	10 deg. nose up
V2 =	135 KIAS (safety speed)
At Positive Climb Rate	Touch Brakes
Landing Gear	RETRACT
At 1000' AGL	RETRACT Flaps to 5 deg
At 210 KIAS	RETRACT flaps up





Climb-out Checklist

Throttle		AS REQUIRED
Trim for		240 KIAS
Autopilot/Autothrottle		CHECK and SET
Taxi Lights	9	OFF
Landing Lights	8	OFF
APU Air Switch	139	OFF
APU Switch	107	OFF
Below 10000' max. speed		250 KIAS
ATC		AS REQUIRED
Fasten Seat Belts	10	OFF
No Smoking Sign	118	OFF
Above 10000' speed		280 KIAS

Cruise Checklist (above FL 180)

At Transition Altitude (FL180) set Altimeter to	29.92" (1013mb)
Accelerate to cruise speed	FL180 0.66 mach
	FL240 0.68 mach
	FL280 0.70 mach
	FL310 0.70 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 and Radios		CHECK AND SET
Anti-Ice	6	AS REQUIRED
Descent Speed		to FL240 0.68 mach
		to FL180 0.64 mach
At Transition Altitude (FL180) reset Altimeter to local		to FL120 280 KIAS
		below 10'000ft 240 KIAS
Fuel Quantities and Balance		CHECK

Approach Checklist

Localizer Level Flight :

Fasten Seat Belts	10	ON
No Smoking Sign	118	ON
APU Switch	107	ON
APU Air Switch	139	ON
Avionics + Radios		SET
Speed: Establish		200 KIAS
Landing Lights	8	ON
Auto Spoilers	128	ARM
Flaps		10 degrees
Speed: Establish		170 KIAS
Flaps		20 degrees
Speed: Establish		140 KIAS
Landing Gear		DOWN
Turning toward runway: set flaps		30 degrees or FULL

Final Glideslope Descent :

Speed Establish		135 KIAS
Park brakes		VERIFY OFF
APU		CHECK RUNNING

Landing Checklist

Landing Gear	CHECK DOWN
Autopilot	OFF
Autothrottle	OFF
Landing Speed	135 KIAS
After touchdown	Apply Reverse Thrust, at 60 kts: Cancel Reverse Thrust
Spoilers	VERIFY EXTENDED
Brakes	AS REQUIRED

Taxi To Ramp

Flaps		UP
Spoilers		RETRACTED
Taxi Lights	9	ON
Landing Lights	8	OFF
Speed		Max. 20 knots
Transponder		OFF
Elevator Trim		TAKEOFF SETTING
Lights		AS DESIRED

Shutdown Checklist

Brake		SET
Throttle		IDLE
Fasten Seat Belts	10	OFF
No Smoking Sign	118	OFF
Aircondition fan	122	OFF
Pitot Heat	111	OFF
Anti-Ice	6	OFF
Taxi Lights	9	OFF
Strobe Lights	120	OFF
Nav Lights	121	OFF
F/D		OFF
Avionics	126	OFF
Hydr. Pump Eng. 2+3	134+133	OFF
Generator Switch 1+4		OFF
Fuel Pumps Eng 1-4	86	OFF
Fuel Valves	74+75	CLOSE
AC + DC Bus Ties	104+92	OFF
APU Air Switch	139	OFF
APU Switch	107	OFF
APU Generator Switch	4	OFF
Beacon	119	OFF
BATT Master Switch	89	OFF