



# Airbus A-330

## Microsoft Flightsimulator 2002

Aircraft : by Project OpenSky

Panel : Eric Marciano

using RealCRT gauges by Tony d'Ambrosio



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## Pre-Start Checklist

Parking Brake	SET
Throttle	IDLE
BATT Master Switch	ON (Shift-M)
Panel Light	AS REQUIRED
Gear Lever	CHECK DOWN
Flaps	UP
Spoiler	RETRACTED
FMC / FSNAV	GENERATE / LOAD / ACTIVATE
	FLIGHT PLAN
Fuel Quantity	CALC / LOAD
Engine Instruments	CHECK
Aircraft Lighting	OFF
Flight controls	CHECK
Check Weather	(Atis, Flight Services)
<b>Request Clearance</b>	
Transponder	SET
Beacon	ON



## Startup Checklist

Thrust Levers	IDLE
Engine Area	CLEAR
Mode Selector	IGN/START
Eng 1 starts immediately	
at N2 = 20% Fuel Flow	ON
Fuel Flow	CHECK
N1 increasing as N2 incr.	CHECK
Eng 2 starts after Eng 1 is running	
at N2 = 20% Fuel Flow	ON
Fuel Flow	CHECK
N1 increasing as N2 incr.	CHECK
Mode Selector	returns to NORM position



## Landing Checklist

Landing Gear	CHECK DOWN
Autopilot	OFF
Autothrottle	OFF
Landing Speed	145 KIAS
After touchdown	Apply Reverse Thrust, at 60 KIAS: Cancel Reverse Thrust
Spoilers	VERIFY EXTENDED
Brakes	AS REQUIRED

## Taxi To Ramp

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

## Shutdown Checklist

Brake	SET
Throttle	IDLE
Passenger Signs	OFF
Taxi Lights	OFF
Strobe Light	OFF
Nav Lights	OFF
FD / LS	OFF
Eng 1 Fuel Flow	OFF
Eng 2 Fuel Flow	OFF
Beacon	OFF
Panel Light	OFF
BATT Master Switch	OFF (Shift-M)

## Before Taxi Checklist

Strobe Light	ON
Nav Lights	ON
Taxi Lights	ON
Heading Indicator/Altimeters	SET
Standby Instruments	SET
Avionics	FMC/FSNAV ? SET FOR DEPARTURE
Autopilot	FMC/FSNAV ? SET and OFF
FD	ON
Yaw Damper	ON AS REQUIRED
Autobrake	RTO
Elevator Trim	SET for takeoff

*Request Taxi Clearance*

## Taxi Checklist

Passenger Signs	ON
Brakes	RELEASED
Taxi to assigned runway	SPEED Max. 20 KIAS

## Before Take-off Checklist

Brakes	SET
Throttle	IDLE
Flaps	Pos 2
Spoilers	RETRACTED
Landing Lights	ON
Engine Instruments, Nav Equipment	CHECK
Takeoff Data (V1, VR, V2)	CHECK

*Request Takeoff Clearance*

## Take-off Checklist

Smoothly increase thrust to Takeoff Thrust	40% N1 let spool up FULL or TO/GA
Brakes	RELEASE
V1 =	145 KIAS (decision)
Vr =	150 KIAS (rotate)
Pitch	10-15 deg. nose up
V2 =	160 KIAS (safety speed)
At Positive Climb Rate	Touch Brakes
Landing Gear	RETRACT
At 180 KIAS	RETRACT Flaps to Pos 1
At 210 KIAS	RETRACT flaps up

## Climb-out Checklist

Trim for	250 KIAS
Autothrottle	ARM
Autopilot	ON
Autobrake	OFF
Taxi Lights	OFF
Landing Lights	OFF
Below 10000' max. speed	250 KIAS
<b>ATC</b>	<b>AS REQUIRED</b>
Fasten Seat Belts	OFF
No Smoking Sign	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 0.70 M 345 KIAS FL240 0.77 M 343 KIAS FL280 0.82 M 335 KIAS FL330 0.84 M 305 KIAS
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
Descent Speed	to FL240 0.75 M to FL180 0.68 M
At Transition Altitude (FL180) reset Altimeter to local	to FL120 300 KIAS below 10'000ft 240 KIAS
Fuel Quantities and Balance	CHECK

## Approach Checklist

### Localizer Level Flight :

Fasten Seat Belts	ON
No Smoking Sign	ON
ND	OFF
LS	ON
Avionics + Radios	SET
Speed: Establish	210 KIAS
Landing Lights	ON
Auto Spoilers	ARM
Autobrake	SET
Flaps	Pos 1
Speed: Establish	180 KIAS
Flaps	Pos 2
Speed: Establish	160 KIAS
Landing Gear	DOWN
Turning toward runway: set flaps	Pos 3 / FULL

### Final Glideslope Descent :

Speed Establish	150 KIAS
Park Brakes	VERIFY OFF