

# Airbus A321

## Microsoft Flight Simulator X

Aircraft : Default Airbus A321

Panel : Default Airbus A321



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## Pre-Start Checklist

Parking Brake	SET
Throttle	IDLE
Fuel Flow	CUTOFF
BATT Master Switch	ON
Aircraft Lighting	OFF
Panel Lights	ON if required
Landing Gear Lever	CHECK DOWN
Flaps	UP
Spoiler	RETRACTED
APU	START / CHECK RUN
APU Gen	ON / CHECK VOLTS
Fuel Quantity	CHECK
Pitot Heat / De-Ice	OFF
Flight controls	FREE AND CORRECT
Fasten Seat Belts	ON
No Smoking Sign	ON
Check Weather	(Atis, Flight Services)
De-Ice	TEST/CHECK
<b><i>Request Clearance</i></b>	
Transponder	STANDBY
Beacon / Recogn. Lights	ON

## Startup Checklist

Thrust Levers	IDLE
Engine Area	CLEAR
Fuel Pump Switches	ON
Left Engine (ENG1)	
Master Starter Switch	ON
At N2 > 20% Fuel Flow	CHECK ON
N1 increasing as N2 incr.	CHECK
Oil Pressure	CHECK
Generator Switch	ON
Repeat for right Engine (ENG2)	
Fuel Pump Switches	OFF
Hydraulic Pump Switches	ON
APU Gen, APU	OFF



## Landing Checklist

Landing Gear	CHECK DOWN
Autopilot and Autothrottle	OFF
Landing Speed	140 KIAS
After touchdown	Apply Reverse Thrust, at 60 kts: Cancel Reverse Thrust
Spoilers	VERIFY EXTENDED
Brakes	AS REQUIRED

## Taxi To Ramp

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

## Shutdown Checklist

Parking Brake	SET
Throttle	IDLE
Passenger Signs	OFF
Pitot Heat / De-Ice	OFF
Taxi Lights	OFF
Nav Lights	OFF
F/D	OFF
Master Starter Switches	OFF
Beacon / Recogn. Lights	OFF
Hydraulic Pump Switches	OFF
APU Gen, APU	OFF
BATT Master Switch	OFF

## Securing Aircraft

Parking Brake	Verify SET
Throttle	Verify IDLE
All Switches	Verify OFF

## Before Taxi Checklist

Nav Lights	ON
Taxi Lights	ON
Heading Indicator/Altimeters	SET
Standby Instruments	SET
Radios and Avionics	SET FOR DEPARTURE
Autopilot	ON, SET, don't activate
Autothrottle	ON, SET, don't activate
F/D	ON
Autobrake	RTO
Elevator Trim	SET for takeoff
<i>Request Taxi Clearance</i>	

## Taxi Checklist

Parking Brake	RELEASE
Taxi to assigned runway	SPEED Max. 20 knots
Brakes/Gyro/Turn Coordinator	CHECK during taxi and turns

## Before Take-off Checklist

Parking Brake	SET
Throttle	IDLE
Elevator Trim	SET for takeoff
Flaps	Pos. 2
Spoilers	RETRACTED
Flight Instruments	CHECK
Engine Instruments	CHECK
Takeoff Data (V1, VR, V2)	CHECK
Nav Equipment	CHECK
Landing Lights	ON
Taxi Lights	OFF
Strobe Light	ON
Pitot Heat	ON
De-Ice	AS REQUIRED
Transponder	ON
<i>Request Takeoff Clearance</i>	

## Take-off Checklist

Smoothly increase thrust to	60% N1 let spool up
Takeoff Thrust	FULL or TO/GA
Brakes	RELEASE
V1 =	145 KIAS (decision)
Vr =	150 KIAS (rotate)
Pitch	10 deg. nose up
V2 =	155 KIAS (safety speed)
At Positive Climb Rate	Touch Brakes
Landing Gear	RETRACT
At 1000' AGL	RETRACT Flaps to Pos. 1
At 210 KIAS	RETRACT flaps up

## Climb-out Checklist

Throttle	AS REQUIRED
Trim for	250 KIAS / 1800 fpm
Autopilot/Autothrottle	CHECK and ACTIVATE
Autobrake	OFF
Below 10000' max. speed	250 KIAS
<b>ATC</b>	<b>AS REQUIRED</b>
Fasten Seat Belts	OFF
No Smoking Sign	OFF
Landing Lights	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 0.67 mach (330 KIAS)
	FL240 0.76 mach (335 KIAS)
	FL280 0.80 mach (325 KIAS)
	FL330 0.80 mach (290 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
De-Ice	AS REQUIRED
Descent Speed	to FL240 0.76 mach
	to FL180 0.67 mach
At Transition Altitude (FL180) reset Altimeter to local	to FL120 280 KIAS
	below 10'000ft 250 KIAS
Fuel Quantities and Balance	CHECK
Flaps / Landing Gear	CHECK UP
Check Weather	(ATIS, Flight Services)

## Approach Checklist

### *Localizer Level Flight :*

Fasten Seat Belts	ON
No Smoking Sign	ON
APU	START / CHECK RUN
APU Gen	ON / CHECK VOLTS
Avionics + Radios	SET
ILS Display Mode	ON
Speed: Establish	210 KIAS
Landing Lights	ON
Auto Spoilers	ARM
Autobrake	SET
Flaps	Pos. 1
Speed: Establish	175 KIAS
Flaps	Pos. 2
Speed: Establish	155 KIAS
Landing Gear	DOWN
Turning toward runway: set flaps	Pos. 3 or FULL

### *Final Glideslope Descent :*

Speed Establish	145 KIAS
Parking Brake	VERIFY OFF
De-Ice	AS REQUIRED