

# Airbus A320-200

## Microsoft Flight Simulator 2004

Aircraft : Mike Stone's gmax Airbus

Panel : AIRPACK project by

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Other simulator checklists and other sim/real aviation items available for download at <http://www.faatest.com> and <http://www.faatest.com/downloads/simchecklists/simchecklists.html>

This panel can interact with FSNavigator (by Helge Schroeder)

## Pre-Start Checklist

Parking Brake	SET
Throttle	IDLE
Fuel Flow	CUTOFF
BATT Master Switch	ON
Panel Light	AS REQUIRED
Avionics	ON
Gear Lever	CHECK DOWN
Flaps	UP
Spoiler	RETRACTED
FMC / FSNAV	GENERATE / LOAD
Flight Plan	ACTIVATE / "PLAN" button
Fuel Quantity	CALC / LOAD
Engine Instruments	CHECK
Pitot Heat / De-Ice / Aircraft Lighting	OFF
Flight controls	CHECK
Fasten Seat Belts	ON
No Smoking Sign	ON
Check Weather	(ATIS, Flight Services)
De-Ice	TEST/CHECK
<b>Request Clearance</b>	
Transponder	STANDBY
Beacon	ON

## Startup Checklist

Thrust Levers	IDLE
Engine Area	CLEAR
APU PRS	ACTIVATE
APU ON	ACTIVATE ==> AVAIL (green)
Mode Selector	IGN
Eng 1 Start Switch	START (hold)
At N2 > 20% Fuel Flow	ON
N1 increasing as N2 incr.	CHECK
Oil Pressure	CHECK
Repeat for Eng 2	



## 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

Strobe Lights	OFF
Flaps	UP
Spoilers	RETRACTED
Taxi Lights	ON
Landing Lights	OFF
Speed	Max. 20 KIAS
Transponder	OFF
Elevator Trim	TAKEOFF SETTING
Lights	AS DESIRED
APU PRS	ACTIVATE
APU ON	ACTIVATE ==> AVAIL <small>(green)</small>

## Shutdown Checklist

Brake	SET
Throttle	IDLE
Passenger Signs	OFF
Aircondition fan	OFF
Pitot Heat / De-Ice	OFF
Taxi Lights / Nav Lights	OFF
Avionics	OFF
Fuel Flow      Eng. 1 / Eng. 2	OFF
Beacon	OFF
GEN Switches 1 – 2	OFF
APU PRS	OFF
Panel Light	OFF
BATT Master Switch	OFF

GEN Switches	1 – 2	ON
Mode Selector		NORM
APU PRS		OFF
Aircondition fan		ON
De-Ice		AS REQUIRED

## Before Taxi Checklist

Nav Lights	ON
Taxi Lights	ON
Heading Indicator/Altimeters	SET
Standby Instruments	SET
Radios & Avionics	FMC/FSNAV ? SET FOR DEPARTURE
Autopilot	FMC/FSNAV ? SET, don't activate
Autothrottle	SET, ARM, don't activate
Autobrake	RTO
<i>Request Taxi Clearance</i>	

## Taxi Checklist

Brakes	RELEASED
Taxi to assigned runway	SPEED Max. 20 KIAS

## Before Take-off Checklist

Brakes	SET
Throttle	IDLE
Elevator Trim	SET for takeoff
Flaps	10 deg
Spoilers	RETRACTED
Engine Instruments, Nav Equipment	CHECK
Takeoff Data (V1, VR, V2)	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	40% N1 let spool up
Takeoff Thrust	FULL or TO/GA
Brakes	RELEASE
V1 =	145 KIAS (descision)
Vr =	150 KIAS (rotate)
Pitch	10 deg. nose up
V2 =	155 KIAS (safety speed)
At Positive Climb Rate	Touch Brakes
Landing Gear	RETRACT
At 180 KIAS	RETRACT Flaps
At 210 KIAS	RETRACT Slats

## Climb-out Checklist

Trim for	250 KIAS
Autothrottle	ACTIVATE
Autopilot	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 0.69 M 345 KIAS
	FL240 0.76 M 335 KIAS
	FL280 0.80 M 325 KIAS
	FL330 0.82 M 300 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 0.75 M
	to FL180 0.65 M
At Transition Altitude (FL180) reset Altimeter to local	
	to FL120 300 KIAS
	below 10'000ft 240 KIAS
Fuel Quantities and Balance	CHECK
Flaps / Landing Gear	CHECK UP
Check Weather	(ATIS, Flight Services)

## Approach Checklist

### Localizer Level Flight :

Landing Lights	ON
Fasten Seat Belts	ON
No Smoking Sign	ON
Avionics + Radios	SET
Speed: Establish	210 KIAS
Auto Spoilers	ARM
Autobrake	SET
Flaps	10 deg
Speed: Establish	180 KIAS
Flaps	15-20 deg
Speed: Establish	160 KIAS
Landing Gear	DOWN
Turning toward runway: set flaps	FULL

### Final Glideslope Descent :

Speed Establish	150 KIAS
Park brakes	VERIFY OFF