

CHECKLIST FOR: AIRBUS A320

Microsoft Flight Simulator

29 May 2022

PRE FLIGHT FLOWS

- Download diagram for departure and arrival air port. Publicly available at the following locations (replace ICAO air port code as needed):
 - <http://www.uvairlines.com/admin/resources/EDDB.pdf>
 - <http://www.europlanet.de/vaFsP/charts/EDDB.pdf>
 - <http://fly-sea.com/charts/EDDF.pdf>
 - <https://chartfox.org> (registration required)
- Create flight plan on [simBrief](#):
 - Hover over 'DISPATCH' and click on 'DISPATCH SYSTEM'. Then click on 'CREATE NEW FLIGHT'.
 - Fill in 'Flight Info'. Note: 'Airline' refers to the ICAO airline code, e.g. DLH for Lufthansa.
 - Change 'Units' on the right hand side to LBS.
 - Pick A320 - A320-200 as airframe.
 - Fill in 'Advanced Aircraft Options' as needed.
 - Select a route you like.
 - Click on 'GENERATE OFF' and download resulting PDF via 'PRINT/VIEW PDF'.

PRE START CHECKLIST

- PARKING BRAKE (BELOW THRUST LEVERS) SET
- THROTTLE THRUST LEVERS IDLE
- ENGINE MASTERS (BELOW THRUST LEVERS) OFF
- BATTERIES (OVERHEAD PANEL; CENTER) ON
- EXT POWER (OVERHEAD PANEL; CENTER) ON
- OVHD INTEG LT (OVERHEAD PANEL; BOTTOM CENTER) ADJUST IF NEEDED
- ADIRS (OVERHEAD PANEL; TOP LEFT) SET TO NAV
- NAV LIGHTS (OVERHEAD PANEL; BOTTOM CENTER) ON

- CREW SUPPLY (OVERHEAD PANEL; BOTTOM LEFT) ON
- LANDING GEAR LEVER (CONTROL PANEL; CENTER) CHECK DOWN
- FLAPS (BELOW THRUST LEVELS) UP
- SPOILER (BELOW THRUST LEVELS) RETRACTED
- FASTEN SEAT BELTS (OVERHEAD PANEL; BOTTOM CENTER) ON
- NO SMOKINGS SIGNS (OVERHEAD PANEL; BOTTOM CENTER) ON
- DISPLAY BRIGHTNESS (CONTROL PANEL) ADJUST IF NEEDED
- FLYPAD (LEFT) TURN ON
- SIMBRIEF USERNAME CHECK
- FROM SIMBRIEF CLICK
- FUEL QUANTITY CHECK FROM OFP [PAGE 1 AS BLOCK FUEL]
- REFUEL VIA FLYPAD IF NEEDED

PRE-STARTUP FMS CHECKLIST

- CLR IF ANY MESSAGES ARE SHOWN
- FMGC (REQ) INIT BY CLICKING ON IT
- INIT SWITCH TO
- FROM/TO ENTER FROM OFP
- FLT NRB ENTER FROM OFP
- IRS INIT ALIGN ON REF
- COST INDEX ENTER FROM OFP
- CRZ FL ENTER FROM OFP (TEMP WILL BE AUTO FILLED)
- ZFW/ZFWCG CLICK FOR AUTO CALC
- BLOCK ENTER FUEL ON BOARD IN THOUSANDS
- MCDU MENU SWITCH TO
- ATSU -> AOC MENU -> WX REQUEST SEND
- AOC MENU -> REC. MESSAGES -> METAR PRINT
- F-PLN SWITCH TO
- ENTER WAYPOINT THEN CLICK ON TARGET AIR PORT
- SELECT NEW WAYPOINT SELECT 'NEXT WPT' OR 'AIRWAYS' AS NEEDED
- REPEAT UNTIL FINISHED

- SELECT DEP. AIR PORT -> DEPARTURE..... SELECT RWY AND SID FROM OFP
- CHECK ROUTE..... USE PLAN MODE ON AUTOPILOT PANEL
- PERF MENU..... SWITCH TO
- FLAPS..... 1 (HIGHER FLAPS FOR SHORTER RWY)
- FLEX TO TEMP..... CALCULATE OR DEFAULT TO 60
- V1/VR/V2..... CALCULATE OR DEFAULT BY CLICKING ON EACH
- TRANS ALT..... ON AIR PORT CHART OR DEFAULT TO 5000
- QNH (AUTOPILOT PANEL)..... SET ACCORDING TO METAR PRINTOUT
- ALT (AUTOPILOT PANEL)..... SET TO FLT LVL
- FD (AUTOPILOT PANEL)..... CHECK ON
- CLEARANCE..... REQUEST (WRITE DOWN TAXI ROUTE)

STARTUP CHECKLIST

- BEACON LIGHTS (OVERHEAD PANEL; BOTTOM CENTER)..... ON
- EMER EXIT LT (OVERHEAD PANEL; BOTTOM CENTER)..... ARM
- DOORS..... CLOSED
- ENG FIRE ALERT (OVERHEAD PANEL; TOP CENTER)..... TEST
- CHRONO..... START
- APU..... START
- APU BLEED..... RUN (WHEN AVAILABLE)
- APU GEN..... ON / CHECK VOLTS
- EXT PWR..... OFF
- PUSHBACK REQUEST
- THRUST LEVERS..... IDLE
- ENGINE AREA..... CLEAR
- FUEL PUMP SWITCHES (OVERHEAD PANEL; CENTER)..... ON
- MODE SELECTOR (BELOW THRUST LEVERS)..... IGN / START
- ENGINE MASTER 1..... START
- ENGINE MASTER 2..... START AFTER ENG 1
- APU..... OFF
- MODE SELECTOR..... NORM

TAXI CHECKLIST

- PROBE/WINDOW HEAT AUTO
- TAXI LIGHTS ON
- TAXI CLEARANCE REQUEST
- PARKING BRAKE RELEASE
- CALLS (OVERHEAD PANEL; BOTTOM LEFT) ALL
- AUTOBRAKE MAX
- SPOILERS ARM
- T/O CONFIG (ABOVE THRUST LEVERS) DEPRESS / CHECK
- TCAS (BOTTOM RIGHT OF THRUST LEVERS) TA
- PWS (BOTTOM LEFT OF THRUST LEVERS) AUTO

BEFORE T/O CHECKLIST

- PARKING BRAKE SET
- LANDING LIGHTS (OVERHEAD PANEL; BOTTOM CENTER) ON
- STROBE LIGHT (OVERHEAD PANEL; BOTTOM CENTER) ON
- DE-ICE AS REQUIRED

T/O CHECKLIST

- PARKING BRAKE RELEASE
- THROTTLE 50%
- ENGINES CHECK PWR OUTPUT
- THROTTLE FLEX / TOGA
- BRAKES RELEASE
- AT V1 COMMITTED / GO (DECISION)
- AT VR ROTATE
- PITCH SLOWLY TO 10 DEG; INCR. TO 15
- POSITIVE RATE OF CLIMB GEAR UP
- PASSING F SPEED FLAPS 0
- SPOILERS DISARM

CLIMB-OUT CHECKLIST

- THRUST LEVERS CLB
- TAXI LIGHTS OFF
- ALTIMETER SET TO STD AT TRANSITION ALTITUDE
- LANDING LIGHTS SET TO OFF AT 10000 FT
- FASTEN SEAT BELTS OFF

PRE-APPROACH FMS CHECKLIST

- MCDU MENU SWITCH TO
- ATSU -> AOC MENU -> WX REQUEST SEND
- AOC MENU -> REC. MESSAGES -> METAR PRINT
- F-PLN SWITCH TO
- SELECT ARR. AIR PORT -> ARRIVAL SELECT RWY AND STAR FROM OFP
- TOP OF DESCENT ... CALC W/ FLYPAD (TAR ALT IS ON APPROACH CHART; DEF. 3000)
- PERF -> NEXT PHASE SWITCH TO
- WEATHER INFO FILL IN FROM METAR PRINTOUT
- TRANS ALT ON AIR PORT CHART OR DEFAULT TO 5000
- BARO ON APPROACH CHART UNDER C CLASS AIR CRAFT (3 DIGIT NUMBER)
- AUTO BRAKE CALCULATE W/ FLYPAD
- RAD NAV -> LS / FREQ CHECK (IS ON APPROACH CHART)

Note: BARO is the minimum altitude at which runway has to be visible, or else a go-around has to be performed. In bad weather you can perform a CAT3 autoland.

APPROACH CHECKLIST

- AT TOP OF DESCENT SET TARGET ALTITUDE
- FL120 280 KIAS (USE SPEED BRAKES AS REQUIRED)
- ALTIMETER RESET TO LOCAL AT TRANSITION ALTITUDE
- FL100 250 KIAS
- LANDING LIGHTS ON
- LS (LANDING SYSTEM) ON
- FASTEN SEAT BETLS ON

- SPEED 210 KIAS
- LANDING LIGHTS ON
- TAXI LIGHTS ON
- GND SPOILERS ARM
- AUTO BRAKE SET
- FLAPS FLAPS 1
- SPEED 180 KIAS
- AT 6 DME FLAPS 2
- LANDING GEAR DOWN
- LANDING GEAR 3 GREEN FLAPS 3
- FLAPS FULL
- ON FINAL GLIDESLOPE 145 KIAS
- PARKING BRAKE VERIFY OFF
- DE-ICE AS REQUIRED
- WHEN HORIZONTIALLY ALIGNED LOC ON
- WHEN VERTICALLY ALIGNED APPR ON

LANDING CHECKLIST

- LANDING GEAR CHECK DOWN
- AUTOPILOT AS REQUIRED (ACTIVATE BOTH FOR CAT3 AUTOLAND)
- ON TOUCHDOWN REVERSE THRUST
- SPOILERS VERIFY EXTENDED
- BRAKES AS REQUIRED
- AT 60 KIAS CANCEL REVERSE THRUST

POST LANDING CHECKLIST

- SPOILERS DISARMED
- FLAPS RETRACT
- LANDING LIGHTS OFF
- STROBE LIGHTS OFF
- APU START

- TAXI LIGHTS ON
- TAXI GUIDANCE REQUEST AND NOTE DOWN
- APU START / CHECK RUN
- APU GEN ON / CHECK VOLTS
- TAXI LIGHTS OFF WHEN TURNING INTO GATE

PARKING CHECKLIST

- PARKING BRAKES SET
- THRUST LEVERS IDLE
- EXT PWR ON
- ENGINE MASTER 1 & 2 OFF
- NAV LIGHTS OFF
- ANTI-ICE OFF
- PASSENGER SIGNS OFF
- DOORS OPEN
- FD OFF
- FUEL PUMPS OFF
- BEACON OFF
- ADIRS OFF
- NO SMOKING OFF