

# CHECKLIST FOR: AIRBUS A320

Microsoft Flight Simulator

6 June 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) ..... AUTO
- DISPLAY BRIGHTNESS (CONTROL PANEL) ..... ADJUST IF NEEDED
- GROUND SERVICES ..... AS 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/ON
- 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
- IF TOGA LK ..... RESET THRUST LEVERS
- 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 BELTS ..... 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