

AIRBUS 320/321 COCKPIT FLOWS

In this document you will find the associated Airbus 320/321 flows from cold and dark right through to securing the aircraft. They are derived from the aerosoft “*Step by Step*” document with tweaks and adjustments to reflect more efficient and real world airbus operations. Of course different companies will implement slight adjustments to their respective flows, but the ones found here reflect a generic flow that goes well with no matter which livery you are operating under.

If you are new to the theory of “flows” it is as such; flows are memorized items (usually through visual repetition) that get done before a checklist is run. You will quickly find that the flows in this document are organized very efficiently and have a very systematic and logical sequence to them to make memorization simple. It is usual that by the 10th time of using this document the average flight simmer should be able to do this entire document from memory due to visual memorization.

The best mode to run these flows on is with the *Aerosoft Airbus X Extended* with the Checklist and First Officer function enabled.

For any questions please contact me at coo@arabianva.com

All the best,

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AIRBUS 320/321 COCKPIT FLOWS

[COCKPIT PREPARATION FLOWS]

1.PFD LT	BRT
2.ND LT	BRT
3.ECAM UPPER DISPLAY	BRT
4.ECAM LOWER DISPLAY	BRT
5.FLOOD LT	AS RQRD
6.INTEG LT	AS RQRD

--OVERHEAD PANEL--

1.BATTERY	ON - CHECK VOLTAGE
2.EXTERNAL POWER	ON
3.IRS/ADIRS	ON
4.ELEC HYDR PUMP	ON
5.FUEL PUMPS	ON
6.ENG GEN	ON/FAULT
7.PACK 1+2	ON
8.ENG BLEED 1+2	ON
9.HOT AIR	ON
10.ENG ANTI ICE/PROBE	OFF
11.EMERGENCY LIGHTS	ARMED
12.CABIN SIGNS	ON
13.NAV & LOGO LIGHTS	ON
14.EFC 1+2	ON
15.GPWS	ON

--PEDESTAL--

1.PARK BRAKE	SET
2.FLAPS	VERIFY 0
3.SPEEDBRAKE	RETRACTED/DISARMED
4.ENG MASTER 1+2	OFF
5.ENG MODE SEL	NORM
6.THRUST LEVERS	IDLE
7.TRANSPONDER	STANDBY
8.RADIO CONTROL PANEL	ON
10.FREQUENCIES	SET

--ECAM & MAIN PANEL--

1.ECAM RECALL BUTTON	SELECT
2.LANDING GEAR	VERIFY DOWN
3.MCDU2 > DOORS	VERIFY OPEN
3.ANTISKID/NWS	ON
4.FD	ON

[--COCKPIT PREPARATION CHECKLIST--]

[--COMPLETE--]

AIRBUS 320/321 COCKPIT FLOWS

[FMGS SETUP]

1. ATIS/ATC CLEARANCEOBTAIN
2. TRANSPONDER CODESET
2. MCDUSET
3. QNH MODEVERIFY
4. QNHSET
5. ND MODE/RANGESET
6. VOR/ADFSELECT
7. SPEED MANAGED/SELECTEDAS RQRD
8. HDG MANAGED/SELECTEDAS RQRD
9. INITIAL ALTITUDE SET/MANAGED/SELECTEDAS RQRD
10. IRSCONFIRM ALIGNED
10. FDCYCLE OFF THEN ON
11. LSOFF
12. FCUVERIFY CORRECT&COMPLETE

[--FMGS SETUP--]

[--COMPLETE--]

[--BEFORE START FLOWS--]

1. FUELINGVERIFY DISCONNECTED,KG,BALANCED,& SUFFICIENT
2. CHOCKSREMOVED
3. TRAFFIC CONESREMOVED

--OVERHEAD PANEL--

1. APUSTART
4. APU BLEEDON
5. EXT POWEROFF
6. DOORSCLOSED
7. BEACONON

[--BEFORE START CHECKLIST--]

[--COMPLETE--]

[--PUSHBACK & ENGINE START FLOWS--]

1. PUSH & START CLEARANCEOBTAIN
 2. GROUND COMMUNICATIONINITIATE/FOLLOW COMMANDS
 3. RIGHT SIDEVERIFY CLEAR
- ## --PEDESTAL--
4. ENG MODE SELECTORIGN/START
 5. ENG MASTER 2ON
- ECAM--
6. ECAMMONITOR
 7. ENGINECONFIRM STABILIZED
 8. STEP 3,5-7REPEAT FOR ENG 1

[--PUSHBACK & ENGINE START FLOWS--]

[--COMPLETE--]

AIRBUS 320/321 COCKPIT FLOWS

[--AFTER START FLOWS--]

--OVERHEAD PANEL--

- 1.ENG & WING ANTI ICEAS RQRD
- 2.APU BLEEDOFF
- 3.APU MASTEROFF

--PEDESTAL--

- 1.PITCH TRIMSET
- 2.ENG MODE SELECTORAS RQRD
- 3.SPOILERSARMED
- 4.FLAPSSET
- 5.RUD TRIM0

--ECAM--

- 1.FLIGHT CONTROLSCHECK
- 2.ECAM DOOR PAGECHECKED
- 3.ECAM STATUSCHECKED

--OTHER--

- 1.HAND SIGNALSRECEIVED

[--AFTER START CHECKLIST--]

[--COMPLETE--]

[--TAXI FLOWS--]

- 1.TAXI CLEARANCEOBTAIN
- 2.PARK BRAKERELEASED
- 3.AUTO BRAKEMAX
- 4.TO CONFIGPRESS
- 5.TAXI LIGHTON

[--TAXI CHECKLIST--]

[--COMPLETE--]

[--BEFORE TAKE OFF FLOWS--]

--PEDESTAL--

- 1.TCASTA/RA - TILT ABOVE
- 2.ENG MODE SELECTORAS RQRD

--ECAM--

- 1.BRAKE TEMPCHECK >150

--MAIN PANEL--

- 1.BRAKE FANSOFF
- 2.SLIDING TABLESTOWED

--ATC--

- 1.TAKE OFF/LINE UP CLEARANCEOBTAIN

--OVERHEAD PANEL--

- 1.EXT LIGHTSON

[--BEFORE TAKE OFF CHECKLIST--]

[--COMPLETE--]

AIRBUS 320/321 COCKPIT FLOWS

[--AFTER TAKE OFF FLOWS--] @ACCEL HEIGHT

- | | |
|------------------------------|---------|
| 1.SPOILER | DISARM |
| 2.ENGINE MODE SELECTOR | AS RQRD |
| 3.TAXI LIGHT | OFF |
| 4.ENG & WING ANTI ICE | AS RQRD |
| 5.PACK 1+2 | ON |

[--AFTER TAKE OFF CHECKLIST--]

[--COMPLETE--]

[--10,000FT FLOWS--]

- | | |
|------------------------|---------|
| 1.EXT LIGHTS | OFF |
| 2.SEAT BELT SIGN | AS RQRD |
| 3.PRESSURIZATION | CHECKED |

[--10,000FT FLOWS--]

[--COMPLETE--]

[--PREDESCENT FLOWS--]

- | | |
|------------------------|-----------------------|
| 1.ATIS | OBTAIN |
| 2.MCDU | FPLN,PERF,NAV/RAD SET |
| 3.NAV ACCURACY | CHECK |
| 4.AUTO BRAKE | SET |
| 5.SEAT BELT SIGN | ON |
| 6.ANTI ICE | AS RQRD |

[--DESCENT CHECKLIST--]

[--COMPLETE--]

[--10,000FT FLOWS--]

- | | |
|------------------------|-----------|
| 1.SLIDING TABLES | STOWED |
| 2.EXT LIGHTS | ON |
| 3.SEAT BELT SIGN | VERIFY ON |
| 4.LS | PUSH |
| 5.PRESSURIZATION | CHECKED |
| 6.ECAM STATUS | CHECK |

[--APPROACH CHECKLIST--]

[--COMPLETE--]

AIRBUS 320/321 COCKPIT FLOWS

[--LANDING FLOWS--]

WHEN FULLY CONFIGURED AND ESTABLISHED ON APPROACH

- | | |
|----------------------------------|---------|
| 1.TAXI LIGHT | SET T/O |
| 2.MISSED APPROACH ALTITUDE | SET |
| 3.SPOILERS | ARMED |
| 4.LANDING MEMO | NO BLUE |

[--LANDING CHECKLIST--]

[--COMPLETE--]

[--AFTER LANDING FLOWS--]

- | | |
|--------------------------------|------------|
| 1.SPOILERS | RETRACT |
| 2.ENG MODE SELECTOR | NORM |
| 3.FLAPS | RETRACT |
| 4.TRANSPONDER | STBY |
| 5.BRAKE TEMP | CHECK >300 |
| 6.EXT LIGHTS | OFF |
| 7.APU | START |
| 8.ENGINE & WING ANTI ICE | OFF |

[--AFTER LANDING CHECKLIST--]

[--COMPLETE--]

[--PARKING FLOWS--]

- | | |
|------------------------|---------|
| 1.PARK BRAKE | SET |
| 2.ENG MASTER 1+2 | OFF |
| 3.SEAT BELT SIGN | OFF |
| 4.BEACON | OFF |
| 5.EXT POWER | ON |
| 6.FUEL PUMPS | OFF |
| 7.APU | AS RQRD |

[--PARKING CHECKLIST--]

[--COMPLETE--]

***NOTE – Once the doors have opened up, the APU bleed can be turned on for cabin air conditioning. APU BLEED VERIFY OFF prior to commencing Securing Flows.**

AIRBUS 320/321 COCKPIT FLOWS

[--SECURING FLOWS--]

1.PFD LT	OFF
2.ND LT	OFF
3.ECAM UPPER LT	OFF
4.ECAM LOWER LT	OFF
5.ADIRS	OFF
6.EXT POWER	OFF
7.GEN	ON
8.APU	SHUTDOWN
8.CABIN SIGNS & EMERGENCY LIGHTS	OFF
9.BAT 1+2	OFF

[--SECURING FLOWS--]

[--COMPLETE--]