



Normal Operations

START.....VIRTUAL
PRO ATC.....START
ATIS.....NOTE.....WIND, TEMP, & QNH

Aircraft ON Ground Power

COCKPIT DOOR.....OPEN
RADIOS = INT CAB PA.....SET UP
COCKPIT LIGHTS.....SET
FAULTS.....CLR

Cockpit Preparation

COCKPIT PREPARATION.....CHECK LIST
ADIRS ON.....1-3-2
L & R FUEL TK PUMPS 1-2.....ON
CARGO HEAT.....AS NEEDED
PACK FLOW.....(Below 115=LO, High temp=HI(APU))NORM
(IF HOT.....START APU/APU BLEED ON SET AIR CON HI)
ECAM CHECK.....OXY PRESS - HYD QTY - ENG OIL QTY
IF AIRCON IS NEEDED.....APU ON.....APU BLEED ON



FIRST LEG OF FLIGHT

CVR (SET PARKING BRAKE ON TO TEST-THEN OFF).....TEST
APU & ENGINE FIRE / CARGOTEST
ANN LT.....TEST
QXYGEN.....TEST

FMGC Initialisation

INIT PAGE A [ENTER FLT NBR].....INIT REQUEST

ATSU/AOC..... INIT.....[ENTER FLT #]

INIT DATA REQ.....SENT

AOC MENU.....OFP DATA.....SET

STD (EST DEPART TIME...EST 30 MINS).....CHECK - SET

REFUEL.....VIA GSX

OFP DATA.....SEND

ATC CLEARANCE....RWY SID / STAR / TRANS / SQUAWK



NOTIFICATION MESSAGE RECEIVED...AOC RCVD MSGS
READ/NOTE.....SLOT TIMES
CTOT =CALCULATED TAKE OFF TIME
EOBT =...EST OFF THE BLOCK TIME IF NO DELAY = STD

BOARDING AOC.....ENTER BEGIN TIME [1962]
(Aim for 20 mins before EOBT).OR....“NOW”.....*REQUEST

BARO's.....SET

CLEARED ALT.....SET

TRANSPONDER / ALT RPTG / ABV.....ON & SET

COMPANY MESSAGE....AOC MSG.....LOAD SHEET

NOTE....ZFW / TOW / MACZFW / MACTOW.....*ACCEPT

INIT B.....ENTER.....EST ZFW / MACZFW
BLOCK FUEL & ALT FUEL.....SET

F-PLN.....DEP & ARRIVAL...SET

INIT PAGE A.....WIND.....WIND REQUEST



Cockpit Preparation Continued

SET ARRIVAL AIRPORT FIX PAGE.....SET
SEC F-PLAN: SET ENGINE OUT RETURN.....SET

AOC PERFORMANCE REQ.....FILL IN INFO
ENTER.....WIND / TEMP / QNH.....EST TOW.....MACTOW
PERF.....SEND

AOC FUEL REPORT.....CONFIRM
FUEL REPORT....CONFIRM UPLOADED..... SEND

FD.....ON
CSTR.....ON
ADF/VOR.....AS NEEDED
DISPLAYS CHECKED.....SET

COMPANY MESSAGE.....AOC MSG.....PERF
PERF.....SET



20 Pax Left to Board

SEAT BELT SIGN.....ON
CTR FUEL TK PUMPS1-2.....ON
APU.....ON
APU (*After 3 seconds or Flap Open*).....START

>>>BOARDING COMPLETE<<<

Before Start

APU AVAILABLE.....APU BLEED ON
BEACON LT.....ON
COCKPIT DOOR.....CLOSE
EXT PWR.....PACK FAULT LIGHT OUT.....OFF

COMPANY MESSAGE...AOC MSG.....FINAL LOAD SHEET
NOTE....ZFW / TOW / MACZFW / MACTOW.....*ACCEPT

INIT B.....ENTER.....ZFW / MACZFW

AOC PERFORMANCE REQ.....FILL IN INFO
ENTER.....WIND / TEMP / QNH.....TOW.....MACTOW
PERF.....SEND

>>>WAIT FOR ALL DOORS CLOSED<<<



(Push Back With Anti-Ice = See Notes)

Push Back Engine Start

ATC.....CLEARANCE TO START ENGINES / PUSH BACK

BUZZ GROUND FOR PUSH BACK.....INT

LOWER CLOCK.....START

ENG MODE SEL.....IGN/START

MASTER ENG SWITCH ENG #2.....START

WAIT FOR.....[GREEN AVAIL TO DISAPEAR]

CONFIRM GOOD ENGINE START.....TOGGLE INT

REPEAT.....START ENG #1

COMPANY MESSAGE.....AOC MSG.....PERF

PERF.....SET

FO MCDU.....F-PLAN



After Start Procedure

- ENG MODE SEL.....NORM
- FLAPS.....SET
- RUDDER TRIM.....ZERO

- APU BLEED.....OFF
- APU MASTER.....OFF

- FLIGHT CONTROL.....CHECK
- CG.....SET TRIM

- ECAM STATUS.....IF [STS].....CHECK

- COCKPIT LIGHTS.....SET

- ENGINE ANTI-ICE.....AS NEEDED



Before Taxi

INT.....ATC

ATC.....TAXI CLEARANCE

NOSE LT.....TAXI

RWY TURNOFF LT.....AS NEEDED

Taxi (GS 15KTS (MAX 20KTS) Turns GS 7-10KTS, Bad weather GS 5KTS)

NWS.....ON

ADV THROTTLES 40% MAX.....THEN BACK TO IDLE

BRAKE.....TEST

FO CLOCK.....START

TCAS.....TA

AUTO BRAKES.....SET MAX

FO TERR.....ON

GROUND SPOILERS.....ARM

WX PWS.....AUTO

>>>WAIT FOR CABIN READY<<<

ECAM.....TO CONFIG



Hold short

- PARKING BRAKE.....ON
- TCAS.....TA/RA
- ATC.....TAKEOFF CLEARANCE
- CABIN CREW.....ADVISED

Enter Runway- Line Up

- LS.....ON
- PACK 1 & 2.....OFF
- STROBE LT.....ON
- RWY TURNOFF LT.....ON
- LANDING LT.....ON
- TAXI LT.....TO
- ENG MODE SEL.....AS NEEDED
- NWS.....OFF



Take-off

CAPT's CHRONO.....START
ENG'S TO 50% N1.....STABLE
SIDESTICK DEFECTION.....HALF FORWARD
ENG'S TO.....TOGO/FLEX

After take-off

POSITIVE RATE.....LANDING GEAR RETRACT
400FT.....AUTO PILOT.....(AS NEEDED)...ON

LVR CLB THR / Climb

SET THROTTLES TO.....CLB
PACK 1.....ON
RETRACT FLAPS.....ON S-SPEED
PACK 2.....ON
RWY TURNOFF LT.....OFF
NOSE LT.....OFF
CABIN CREW.....RELEASE
ENG MODE SEL.....NORM
GROUND SPOILERS.....OFF

At 10,000FT

STROB LT.....AUTO

LANDING LT.....RETRACT

SEAT BELTS.....OFF

LS.....OFF

FO TERR.....SET AS NEEDED

ECAM MEMO.....RCL

SEC F-PLAN.....RE COPY FLIGHT PLAN

ENGINE OUT FIX.....DELETE

PROG PAGE CHECK OPT.....CRUISE LEVEL

OPT LEVEL.....REQUEST IF NEEDED

PROG.....ENTER ICAO.....REPORT

ANTI-ICE.....AS NEEDED



Cruise

TCAS.....SET TO ALL
CHECK.....ECAM PAGERS
ECAM MEMO.....RECALL
SEC F-PLAN..... SET EMERGENCY ALT AIRPORT

50 MILES BEFORE TOD.....REQUEST WIND UPDATE
AFTER UPDATE.....ATSU WEATHER AT DESTINATION
PERF-APPR.....QNH-TEMP-WIND-MDH

Descent

AUTO BRK.....LO-MED
ANTI-ICE.....AS NEEDED

50 Miles Out or 15 Mins Before landing

SEAT BELTS.....ON
PERF-APPR.....ATIS.....FINAL....QNH-TEMP-WIND-MDH



At 10,000FT

- STROB LT.....ON
- LANDING LT.....ON
- LS.....ON
- FO TERR.....ON
- ECAM MEMO.....RECALL
- TRANS HIGHT.....SET QNH
- ANTI-ICE.....AS NEEDED

Approach 15-12 Miles

- APPR PHASE ACTIVATE.....OR WAIT FOR “D”
- ON SPEED.....FLAPS 1
- LOC “ALIVE”ARM
- APPR “ALIVE”ARM

- ON SPEED.....FLAPS 2



Approach 8 Miles or Glideslope Capture

AP2.....ON

MISSED APPROACH.....SET ALT

Approach 7- 5 Miles

LANDING GEAR.....DOWN

RWY TURNOFF LT.....ON

NOSE LT.....TO

FLAPS.....3 – 4

SPEED.....CHECK SET VApp

GROUND SPOILERS.....ARM

ENG MODE SEL.....IGN

1000 FT

ENGINE & ANTI-ICE.....OFF

AUTO PILOT.....OFF



Landing Roll Out

THRUST IDLE.....70KT

NWS.....ON

Turn of Runway

FLAPS...(If very hot leave Flaps at 1).....UP

GROUND SPOILERS.....OFF

CAPT's CHRONO.....STOP

TOP CHRONO.....3 MIN'S IDLE TIME.....START

STROBE LT.....AUTO

RWY TURNOFF LT.....AS NEEDED

LANDING LT.....RETRACT

NOSE LT.....TAXI

Taxi

APU.....ON

APU (*After 3 seconds*).....START

PACK #1.....OFF



ATC.....PARKING GATE

FD.....OFF

LS.....OFF

ADF/VOR.....OFF

BRAKE FANS.....AS NEEDED

FO TERR.....OFF

TCAS..... STBY

WX.....OFF

ENG MODE SEL.....NORM

GSX.....STAND#

Turn To Gate

APU BLEED.....ON

STROBE LT.....OFF

NOSE LT.....OFF

Parking

- PARKING BRAKE.....ON
- NWS.....OFF
- ACCU PRESS.....CHECK
- ENGINES.....OFF
- FO & BOTH CENTER CLOCKS.....STOP
- TRANSPONDER.....TURN OFF
- SEAT BELTS.....OFF
- BEACON LT (N1<10%).....OFF
- EXT POWER.....ON
- PACK #2.....OFF
- APU BLEED.....OFF
- APU MASTER SW.....OFF
- FUEL PUMPS.....OFF
- COCKPIT DOOR.....OPEN



AOC INIT / REVIEW.....SEND*

STOP.....VIRTUAL

STOP.....PRO ATC X

Securing the Aircraft

ADIRS.....OFF

EMER EXIT LT.....OFF

EXT LT.....OFF

BATT x2.....OFF

NOTES



Push Back With Anti-Ice

ATC.....CLEARANCE TO START ENGINES / PUSH BACK

AOC INT.....REQUEST DE-ICEING

ICING CONDITIONS.....= TAT <4c
SAT > -40.....= NOT NEEDED
ANY VISIBLE CONTAMINATION.....= DE-ICE

ENG BLEED 1 & 2.....OFF
APU BLEED.....OFF
DITCHING PUSHBUTTON.....PUSHED
THRUST LEVERS.....IDLE

DE-ICE WITH TYPE IV 75%

TREATMENT.....DONE

DITCHING PUSHBUTTON.....OFF
ENG BLEED 1 & 2.....ON
DE-ICING/ANTI-ICING REPORT.....RECEIVED

3 MINS AFTER TREATMENT

APU BLEED AS.....REQUIRED