Normal Operating Checklist

GSAirlines

PRE FLIGHT FLOWS

Download Charts @ NOTAMS
Check weather & forecasts
Load PAX, CARGO & FUEL

PRE START CHECKLIST

PARKING BRAKE	SET
CHOCKS	REMOVED
GPU	CONNECTED
THROTTLE	THRUST LEVERS IDLE
ENGINE MASTERS	OFF
BATTERIES	ON
GENERATOR SWITCHES	
EXT POWER	ON
ADIRS	SET TO NAV
PANEL DISPLAYS	BRIGHTNESS SET
NAV LIGHTS	ON
PANEL LIGHTS	ON if required
LANDING GEAR LEVER	CHECK DOWN
FLAPS	UP
SPOILER	RETRACTED
FUEL QUANTITY	CHECK
FASTEN SEAT BELTS	ON
NO SMOKING SIGNS	ON

Check Weather (ATIS, Flight Services)

DE-ICE	TEST / CHECK

Request Clearance

TRANSPONDER	SET, STANDBY
BEACON LIGHTS	ON
EMERGENCY LIGHTS	ARM
FMC	SETUP, CHECK
DEPARTURE BRIEFING	COMPLETE
DOORS	CLOSED (CHECK DOOR PAGE)

STARTUP CHECKLIST

APU	START
APU BLEED	RUN (WHEN AVAILABLE)
APU GEN	ON / CHECK VOLTS

Request Pushback – Initiate Pushback

THRUST LEVERS	IDLE
ENGINE AREA	CLEAR
FUEL PUMP SWITCHES	ON
MODE SELECTOR	IGN / START
LEFT ENGINE	(ENG 1)
ENGINE MASTER 1	START
AT N2 > 20% FUEL FLOW	CHECK ON
N1 INCREASING AS N2 INCR.	CHECK
OIL PRESSURE	CHECK
GENERATOR SWITCH	ON
REPEAT FOR RIGHT ENGINE	(ENG2)
FUEL FLOW	CHECK
HYDRAULIC PUMP SWITCHES	ON
APU	OFF
MODE SELECTOR	NORM

BEFORE TAXI CHECKLIST

PROBE/WINDOW HEAT	AUTO
HDG INDICATOR / ALTIMITERS	SET
STBY INSTRUMENTS	SET
RADIOS AND AVIONICS	SET FOR DEPARTURE
AUTOPILOT	SET, don't activate
F/D	ON
AUTOBRAKE	MAX
ELEVATOR TRIM	SET FOR TAKE-OFF
FLIGHT CONTROLS	FREE AND CORRECT

Request Taxi Clearance

TAXI CHECKLIST

TAXI LIGHTS	ON
PARKING BRAKE	RELEASE
TAXI to assigned runway	SPEED Max. 20 knots
BRKS/GYRO/TURN COORDINATOR	CHECK during taxi
T/O CONFIG	DEPRESS / CHECK
T/O MEMO	GREEN

BEFORE TAKE-OFF CHECKLIST

PARKING BRAKE	SET
FLIGHT INSTRUMENTS	CHECK
ENGINE INSTRUMENTS	CHECK
TAKE-OFF DATA	(V1, VR, V2) CHECK
NAV EQUIPMENT	CHECK
LANDING LIGHTS	ON
STROBE LIGHT	ON
PITOT HEAT	AUTO
DE-ICE	AS REQUIRED
TRANSPONDER	TA/RA

Request Takeoff Clearance

TAKE-OFF CHECKLIST

Smoothly increase thrust to 40% N1 let spool up

TAKEOFF THRUST	FULL OR TO/GA
BRAKES	RELEASE
AT 100 KTS	SPEED CROSSCHECK
AT V1	COMMITED / GO (Decision)
AT Vr	ROTATE
PITCH	slowly to 10deg, increase to 15 deg
POSITIVE RATE OF CLIMB	GEAR UP
PASSING F SPEED (PFD)	FLAPS 0
SPOILERS	DISARM
LANDING LIGHTS	AS REQUIRED

CLIMB-OUT CHECKLIST

THRUST LEVERS	CLB DETENT
AP1	ENGAGE (when suitable)
TAXI LIGHTS	OFF

At TA (Transition-Altitude)

ALTIMETER	PULL TO SET STD (22.92 / 1013)
BELOW 10'000FT	MAX 250 KIAS
ATC	AS REQUIRED

Passing 10'000 ft

LANDING LIGHTS	OFF

Above 10'000 ft

FASTEN SEAT BELTS	OFF

SamplePlane 123 - For Illustration Purposes
Normal Operating Checklist

GSAirlines

CRUISE CHECKLIST

Accelerate to Cruise Speed

ENGINE & INSTRUMENTS	MONITOR
FUEL QUANTITY	CHECK
RADIOS	TUNED & SET
AUTOPILOT	CHECK & SET
LIGHTS	AS REQUIRED
ATIS / AIRPORT INFORMATION	CHECK
ALTIMETER	CHECK
RADIOS	SET
DE-ICE	AS REQUIRED
TOD	SET TCAS TO BELOW
DESCENT SPEED	NORMAL
FL240	0.76 MACH
FL180	0.67 MACH

At TA (Transition-Altitude)

ALTIMETER	RESET TO LOCAL
FL120	280 KIAS

Below 10'000 ft

SPEED	250 KIAS
LANDING LIGHTS	ON
LS	ON
FUEL QUANTITIES & BALANCE	CHECK
FLAPS / LANDING GEAR	CHECK UP

Check Weather (ATIS, Flight Services)

APPROACH CHECKLIST

FASTEN SEAT BELTS	ON
RADIOS	ON
SPEED	ESTABLISH 210 KIAS
LANDING LIGHTS	CHECK ON
TAXI LIGHTS	ON
GND SPOILERS	ARM
AUTO BRAKE	SET
FLAPS	FLAPS 1
SPEED	MANAGED
AT 6 DME	FLAPS 2
SPEED	ESTABLISH 180 KIAS
LANDING GEAR	DOWN
LANDING GEAR 3 GREEN	FLAPS 3
FLAPS	FULL

Final Glideslope Descent :

SPEED	ESTABLISH 145 KIAS
PARKING BRAKE	VERIFY OFF
DE-ICE	AS REQUIRED

LANDING CHECKLIST

LANDING GEAR	CHECK DOWN
AUTOPILOT	AS REQUIRED
GO-AROUND ALTITUDE	SET IN FCU
AUTO-THRUST	AS REQUIRED
LANDING MEMO	NO BLUE
LANDING SPEED	MANAGED
AFTER TOUCH DOWN	REVERSE THRUST
SPOILERS	VERIFY EXTENDED
BRAKES	AS REQUIRED
AT 60 KIAS	CANCEL REVERSE THRUST

AFTER LANDING CHECKLIST

SPOILERS	DISARMED
FLAPS	RETRACT
END MODE SELECTOR	NORM
LANDING LIGHTS	OFF
STROBE LIGHTS	OFF
ANTI ICE	AS REQUIRED
APU	START
BRAKE TEMP	CHECK
TRANSPONDER	OFF

Taxi to Assigned Gate/Parking (Speed Max 20 knots)

APU	START / CHECK RUN
APU	GET ON / CHECK VOLTS
ELEVATOR TRIM	TAKEOFF SETTING

Turning into the Gate:

TAXI LIGHTS	OFF

PARKING / SHUTDOWN CHECKLIST

PARKING BRAKES	SET
THRUST LEVERS	IDLE
GROUND CONTACT	ESTABLISH
GROUND OPERATIONS	AS REQUIRED (FMC2)
ELECTRICAL POWER	ESTABLISH
ENGINE MASTER 1 & 2	OFF
PARKING BRAKES	SET
NAV LIGHTS	OFF
EXTERIOR LIGHTS	AS REQUIRED
ANTI ICE	OFF
PASSENGER SIGNS	OFF
DOORS	OPEN
FLIGHT DIRECTOR	OFF
APU BLEED	AS REQUIRED
FUEL PUMPS	ALL OFF
BEACON	OFF
ECAM STS	DEPRESS
PANEL LIGHTS	OFF
ADIRS	OFF
AVIONICS	OFF
NO SMOKING	OFF
APU	AS REQUIRED
BATTERIES	AS REQUIRED