

AIRCRAFT PREPARATION**COMPLETED (ACCORDING AFM)****PREFLIGHT CHECK**

1	Outside check.....	COMPLETED.....	1
2	Baggage door.....	CLOSED.....	2
3	Aircraft papers.....	CHECKED.....	3
4	Aircraft log.....	CHECKED.....	4
5	Tow bar & control wheel lock.....	REMOVED.....	5
6	Cabin.....	CHECKED.....	6
7	Loadsheet.....	CHECKED.....	7

PREFLIGHT CHECK COMPLETED

CHECK BEFORE ENGINE START

1	Cabin doors.....	CLOSED.....	1
2	Seats.....	ADJUSTED.....	2
3	Parking brake.....	ON.....	3
4	Seat belts and harness.....	FASTENED.....	4
5	Electrical consumers.....	ALL OFF.....	5
6	Circuit breakers.....	ALL IN.....	6
7	Avionics master switch.....	OFF.....	7
8	Battery master & main bus.....	ON.....	8
9	Fuel quantity.....	L+R, ENDURANCE?.....	9
10	Fuel selector valve.....	fuller tank.....	10
11	Alternate air door.....	closed.....	11
12	Throttle.....	IDLE.....	12

CHECK BEFORE ENGINE START COMPLETED

STARTING ENGINE

1	Beacon light.....	ON.....	1
2	Fuel pump.....	ON.....	2
3	Throttle.....	IDLE.....	3
4	Propeller area.....	CLEAR.....	4
5	Engine master.....	ON.....	5
6	Vorglühkontrolle.....	OFF.....	6
7	Starter.....	START.....	7
8	CED button.....	PRESS.....	8
9	Throttle.....	SET 890 RPM FOR 2 MIN.....	9
10	Oil Pressure (OP).....	CHECKED.....	10
11	Amperemeter.....	CHECKED.....	11
12	Fuel pump.....	OFF.....	12

STARTING ENGINE COMPLETED

CHECK AFTER ENGINE START

1	Ventilation, heater, defroster.....	AS REQUIRED.....	2
2	Avionics masterswitch.....	ON.....	4
3	Flight instruments.....	CHECK AND SET.....	5
4	Engine instruments.....	CHECKED.....	6
5	Avionics Nav, Com.....	SET AND PRESELECT.....	7

CHECK AFTER ENGINE START COMPLETED**TAXI CHECK**

1	Brakes and steering.....	CHECKED.....	1
2	Gyro instruments.....	CHECKED.....	2

TAXI CHECK COMPLETED**ENGINE WARM UP (if required)**

1	Parking brake.....	SET.....	1
2	Throttle.....	SET 1400 RPM.....	2
		until:	
		Oil Temperature min. 50° (OT)	
		Water temperature min. 60° (CT)	
3	Throttle.....	IDLE.....	3

RUN-UP

1	Parking brake.....	SET.....	1
2	Oil Temperature.....	MIN. 50° (OT).....	2
3	Water temperature.....	MIN. 60° (CT).....	3
4	Zone behind aircraft.....	FREE.....	4
5	Throttle.....	IDLE.....	5
6	FADEC lights.....	CHECK OFF.....	6
7	FADEC button.....	PRESS AND HOLD.....	7
	- FADEC control lights.....	CHECK BOTH FADEC LIGHTS ON ➔ IF NOT: NO TAKE OFF!	
	- RPM rising.....	CHECK	
	- FADEC B light.....	ON (ONLY)	
	- RPM decreasing.....	CHECK	
	- FADEC A light.....	ON (ONLY)	
	- RPM rising.....	CHECK	
	- FADEC lights.....	CHECK OFF	
	- RPM decreasing.....	CHECK IDLE	
8	FADEC button.....	Release.....	8

RUN-UP COMPLETED**CHECK BEFORE DEPARTURE**

1	Seat Position.....	CHECKED AND LOCKED.....	1
2	Fuel Quantity.....	ENDURANCE ?.....	2
3	Fuel selector valve.....	FULLER TANK.....	3
4	Fuel pump.....	ON.....	4
5	Trims.....	SET FOR DEPARTURE (2).....	5
6	Flaps.....	SET FOR DEPARTURE.....	6
7	Controls.....	FREE AND CORRECT.....	7
8	Flight instruments & avionics.....	SET FOR DEPARTURE.....	8
9	Cabin and Pax.....	SECURED.....	9
10	Departure briefing.....	COMPLETED.....	10

CHECK BEFORE DEPARTURE COMPLETED

LINE UP CHECK

1	Doors and windows.....	CLOSED.....	1
2	Landing lights.....	ON (AS REQUIRED).....	2
3	Time.....	NOTED.....	3
4	Transponder.....	SBY OR ALT.....	4
5	Approach sector & runway.....	CHECK, FREE.....	5

LINE UP CHECK COMPLETED

Throttle full power for take off.....CHECK MIN 94%, RPM 2240 - 2300

CLIMB CHECK

1	Flaps.....	UP.....	1
2	Climb power.....	FULL TROTTLER.....	2
3	Fuel pump.....	OFF.....	3
4	Landing Lights.....	AS REQUIRED.....	4

CLIMB CHECK COMPLETED

CRUISE CHECK

1	Altimeter.....	SET (STD / QNH).....	1
2	Gyro.....	CHECKED / SET.....	2
3	Cruise power.....	75 % OR LESS (RECOMMENDED).....	3
4	Fuel QTY & fuel selector valve.....	CHECKED (ENDURANCE ?).....	4
5	Lights.....	AS REQUIRED.....	5
6	FADEC caution lights.....	CHECK OFF.....	6

CRUISE CHECK COMPLETED

DESCENT CHECK

1	ATIS.....	NOTED.....	1
2	Approach briefing.....	COMPLETED.....	2
3	Avionics.....	SET & CHECKED.....	3
4	Gyro.....	CHECKED / SET.....	4
5	Cabin and Pax.....	SECURED.....	5

DESCENT CHECK COMPLETED

APPROACH CHECK

1	Altimeter.....	SET QNH.....	1
2	Landing light.....	ON.....	2
3	Fuel QTY.....	CHECKED (ENDURANCE?).....	3
4	Fuel selector valve.....	FULLER TANK.....	4
5	Fuel pump.....	ON.....	5

APPROACH CHECK COMPLETED

FINAL CHECK

1	Flaps.....	SET FOR LANDING.....	1
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FINAL CHECK COMPLETED

AFTER LANDING CHECK

1	Transponder.....	SBY.....	1
2	Time.....	NOTED.....	2
3	Landing light.....	OFF or AS REQUIRED.....	3
4	Flaps.....	UP.....	4
5	Fuel pump.....	OFF.....	5

AFTER LANDING CHECK COMPLETED

ENGINE SHUT DOWN AND PARKING

1	Parking brake.....	SET.....	1
2	Throttle.....	IDLE.....	2
3	Electrical consumers.....	ALL OFF.....	3
4	121.5.....	CHECKED.....	4
5	Avionics masterswitch.....	OFF.....	5
6	Engine master.....	OFF.....	6
7	Beacon light.....	OFF.....	7
8	Battery master & main bus.....	OFF.....	8
9	Flight datas and documents.....	NOTED / COMPLETED.....	9
10	Parking brake.....	SET AS CONVENIENT.....	10

PARKING CHECK COMPLETED

SPEEDS

V_x (best angle)	62 KIAS	V_FE (max. Flaps speed) (10° = 110KIAS)	85 KIAS
V_y (best rate)	69 KIAS	V_initial approach	80 KIAS
V_A (Manoeuvring speed)	97 KIAS	V_final (Full Flaps)	63 KIAS
V_best gliding angle	70 KIAS	Crosswind component max.	15 KTS