

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	REMOVED AND SECURED	5
6	Cabin.....	CHECKED	6
7	Load sheet	CHECKED	7

PREFLIGHT CHECK COMPLETED

CHECK BEFORE ENGINE START

1	Cabin door	CLOSED	1
2	Seats	ADJUSTED AND LOCKED	2
3	Parking brake	SET	3
4	Seat belts and harness	FASTENED	4
5	Electrical consumers.....	OFF	5
6	Circuits breakers	CHECKED	6
7	Avionics (master switch)	OFF	7
8	Battery master and alternator	ON	8
9	Fuel quantity	L+R, ENDURANCE	9
10	Fuel selector valve	FULLER TANK	10
11	Mixture	RICH	11
12	Carburetor heat.....	OFF	12
13	Throttle.....	IDLE.....	13

CHECK BEFORE ENGINE START COMPLETED

STARTING ENGINE

1	Navigation lights.....	ON	1
2	Electric fuel pump	ON	2
3	Priming.....	ACCORDING AFM (PRIMER SECURED) ..	3
4	Throttle.....	0.5 cm	4
5	Propeller area	CLEAR	5
6	Ignition key.....	START	6
7	Engine running.....	SET 1000 RPM	7
8	Oil Pressure	GREEN ARC (after max. 30 s).....	8

STARTING ENGINE COMPLETED

CHECK AFTER ENGINE START

1	Alternator output	CHECKED.....	1
2	Electric fuel pump	OFF, PRESSURE CHECKED.....	2
3	Annunciator lights	CHECKED.....	3
4	Ventilation, heater, defroster	AS REQUIRED	4
5	Navigation lights	ON.....	5
6	Avionics (master switch)	ON.....	6
7	Flight instruments	CHECKED AND SET	7
8	Engine instruments	CHECKED.....	8
9	Avionics COM, NAV, SSR.....	SET AND PRESELECTED	9
10	Autopilot	TEST	10

CHECK AFTER ENGINE START COMPLETED
TAXI CHECK

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

TAXI CHECK COMPLETED
RUN-UP

1	Parking brake	SET	1
2	Oil temperature	CHECKED.....	2
3	Zone behind aircraft	CLEAR	3
4	Throttle	SET 2000 RPM	4
5	Oil pressure, suction	GREEN ARC.....	5
6	Magnetos (L-B-R-L-B).....	CHECKED (max. -175 / Δ 50 RPM) ...	6
7	Mixture	CHECK FUNCTION	7
8	Carburettor heat	CHECK FUNCTION.....	8
9	Throttle idle	CHECKED (500 - 700 RPM).....	9
10	Throttle	SET 1000 RPM	10

RUN-UP COMPLETED
CHECK BEFORE DEPARTURE

1	Seat position	CHECKED AND LOCKED	1
2	Electric fuel pump	ON.....	2
3	Fuel quantity.....	L+R, ENDURANCE.....	3
4	Fuel selector valve	FULLER TANK.....	4
5	Mixture	RICH / AS REQUIRED.....	5
6	Carburettor heat	OFF	6
7	Friction lock	SET	7
8	Magnetos	BOTH	8
9	Trims	SET FOR DEPARTURE (2).....	9
10	Flaps	SET FOR DEPARTURE	10
11	Controls.....	FREE AND CORRECT	11
12	Flight instruments and avionics	SET FOR DEPARTURE	12
13	Cabin and pax	SECURED.....	13
14	Departure briefing	COMPLETED.....	14

CHECK BEFORE DEPARTURE COMPLETED

LINE UP CHECK

1	Door and window	CLOSED AND LOCKED	1
2	Landing lights	ON	2
3	Anti collision lights	ON	3
4	Time	NOTED	4
5	Approach sector and runway	CLEAR	5

LINE UP CHECK COMPLETED**CLIMB CHECK**

1	Flaps	UP	1
2	Climb power	SET	2
3	Electric fuel pump	OFF, PRESSURE CHECKED	3
4	Landing lights	AS REQUIRED	4

CLIMB CHECK COMPLETED**CRUISE CHECK**

1	Altimeter	SET (STD / QNH)	1
2	Cruise power	SET	2
3	Mixture	SET	3
4	Fuel quantity	L+R, ENDURANCE	4
5	Lights	AS REQUIRED	5

CRUISE CHECK COMPLETED**DESCENT CHECK**

1	ATIS	NOTED	1
2	Approach briefing	COMPLETED	2
3	Avionics	SET AND CHECKED	3
4	Cabin and pax	CHECKED / SET	4

DESCENT CHECK COMPLETED

APPROACH CHECK

1	Altimeter	SET QNH	1
2	Landing lights	ON	2
3	Electric fuel pump	ON	3
4	Fuel quantity	L+R, ENDURANCE	4
5	Fuel selector	FULLER TANK	5
6	Mixture	RICH / AS REQUIRED	6
7	Carburettor heat	ON / AS REQUIRED	7
8	Auto pilot	OFF	8

APPROACH CHECK COMPLETED
LANDING CHECK

1	Flaps	SET FOR LANDING	1
2	Mixture	RICH / AS REQUIRED	2
3	Carburettor heat	OFF	3

FINAL CHECK COMPLETED
AFTER LANDING CHECK

1	Transponder	GND / SBY	1
2	Time	NOTED	2
3	Landing lights	OFF or AS REQUIRED	3
4	Strobe lights	OFF	4
5	Electric fuel pump	OFF	5
6	Flaps	UP	6

AFTER LANDING COMPLETED
ENGINE SHUT DOWN AND PARKING

1	Parking brake	SET	1
2	Throttle	SET 1000 RPM	2
3	Electrical consumers	OFF	3
4	121.5	CHECKED	4
5	Avionics (master switch)	OFF	5
6	Mixture	LEAN / CUT OFF	6
7	Ignition	OFF / KEY REMOVED	7
8	Battery master and alternator	OFF	8
9	Flight data and documents	NOTED / COMPLETED	9
10	Parking brake	SET / AS REQUIRED	10

PARKING CHECK COMPLETED
SPEEDS

V _x	64 KIAS	V _{FE} (max. flaps speed)	102 KIAS
V _y	76 KIAS	V _{initial approach}	90 / 80 KIAS
V _A (maneuvering speed)	113 KIAS	V _{REF} (FULL flaps)	65 KAIS
V _{best glide angle}	76 KIAS	Crosswind component max.	17 kt