

APPROACH CHECK

1	Altimeter.....	SET QNH.....	1
2	Landing light.....	ON.....	2
3	Electric fuel pump.....	ON.....	3
4	Fuel quantity.....	CHECKED ENDURANCE.....	4
5	Fuel selector valve.....	ON.....	5
6	Mixture.....	RICH / AS REQUIRED.....	6
7	Carburetor heat.....	SET AS REQUIRED.....	7

APPROACH CHECK COMPLETED

FINAL CHECK

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

FINAL CHECK COMPLETED

AFTER LANDING CHECK

1	Transponder.....	GND / SBY.....	1
2	Time.....	NOTED.....	2
3	Lights.....	OFF or AS REQUIRED.....	3
4	Electric fuel pump.....	OFF.....	4
5	Flaps.....	UP.....	5

AFTER LANDING CHECK COMPLETE

ENGINE SHUT DOWN AND PARKING

1	Parking brake.....	SET.....	1
2	Throttle.....	SET 1000 RPM.....	2
3	Electrical consumers.....	ALL OFF.....	3
4	121.5.....	CHECKED.....	4
5	Avionics.....	OFF.....	5
6	Alternator.....	OFF.....	6
7	Mixture.....	LEAN /CUT OFF.....	7
8	Ignition key.....	OFF / KEY REMOVED.....	8
9	Battery master.....	OFF.....	9
12	Flaps.....	FULL DOWN (for Parking).....	10
11	Flight data and documents.....	NOTED / COMPLETED.....	11
12	Parking brake.....	SET / AS REQUIRED.....	12

PARKING CHECK COMPLETED

SPEEDS

V_x	125 km/h	V_{FE} (max. Flaps speed)	170 km/h
V_y	150 km/h	V_{initial approach}	150 km/h
V_A (Manoeuvring speed)	215 km/h	V_{final} (Full Flaps)	130 km/h
V_{best gliding angle}	145 km/h	Crosswind component max.	22 KTS

AIRCRAFT PREPARATION

COMPLETED (ACCORDING AFM)

PREFLIGHT CHECK

1	Outside check.....	COMPLETED.....	1
2	Aircraft papers.....	CHECKED.....	2
3	Aircraft log.....	CHECKED.....	3
4	Tow bar.....	SECURED.....	4
5	Cabine.....	CHECKED.....	5
6	Loadsheet.....	CHECKED.....	6

PREFLIGHT CHECK COMPLETED

CHECK BEFORE ENGINE START

1	Canopy.....	CLOSED.....	1
2	Seats.....	ADJUSTED AND LOCKED.....	2
3	Parking brake.....	SET.....	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 and alternator.....	ON.....	8
9	Fuel quantity.....	ENDURANCE.....	9
10	Fuel selector.....	CHECK OPERATION, ON.....	10
11	Mixture.....	RICH.....	11
12	Carburetor heat.....	OFF.....	12
13	Throttle.....	IDLE.....	13

CHECK BEFORE ENGINE START COMPLETED

STARTING ENGINE

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

STARTING ENGINE COMPLETED

CHECK AFTER ENGINE START

1 Voltmeter, Alternator output.....	CHECKED.....	1
2 Electric fuel pump.....	OFF, PRESSURE CHECKED.....	2
3 Ventilation, heater, defroster.....	AS REQUIRED.....	3
4 NAV lights.....	AS REQUIRED.....	4
5 Avionics.....	ON.....	5
6 Flight instruments.....	CHECK AND SET.....	6
7 Engine instruments.....	CHECKED.....	7
8 Avionics COM, NAV, SSR.....	SET AND PRESELECT.....	8
9 Flaps.....	UP.....	9

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 1800 RPM.....	4
5 Oil pressure, Suction.....	GREEN ARC.....	5
6 Magnetos...(L-B-R-L-B).....	CHECKED (MAX. -175 / = 50 RPM).....	6
7 Mixture.....	CHECK FUNCTION.....	7
8 Carburetor 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.....	ENDURANCE ?.....	3
4 Fuel selector valve.....	ON.....	3
5 Mixture.....	RICH / AS REQUIRED.....	5
6 Carburetor heat.....	OFF.....	6
7 Magnetos.....	BOTH.....	7
8 Annunciator lights.....	CHECKED.....	8
9 Trims.....	SET FOR DEPARTURE.....	9
10 Flaps.....	SET FOR DEPARTURE.....	10
11 Controls.....	FREE AND CORRECT.....	11
12 Flight instruments & avionics.....	SET FOR DEPARTURE.....	12
13 Cabin and pax.....	SECURED.....	13
14 Departure briefing.....	COMPLETED.....	14

CHECK BEFORE DEPARTURE COMPLETED

LINE UP CHECK

1 Canopy.....	CLOSED, LATCH.....	1
2 Landing light.....	ON (AS REQUIRED).....	2
3 Anti collision lights.....	ON.....	3
4 Time.....	NOTED.....	4
5 Approach sector & runway.....	CHECK, CLEAR.....	5

LINE UP CHECK COMPLETED

CLIMB CHECK

1 Flaps.....	UP.....	1
2 Climb power.....	SET.....	2
3 Electric fuel pump.....	OFF (CHECK PRESSURE).....	3
4 Landing Light.....	AS REQUIRED.....	4

CLIMB CHECK COMPLETED

CRUISE CHECK

1 Altimeter.....	SET (STD / QNH).....	1
2 Gyro.....	CHECKED / SET.....	2
3 Cruise power.....	SET (ACCORDING AFM).....	3
4 Mixture.....	SET.....	4
5 Fuel quantity.....	CHECKED ENDURANCE.....	5
6 Lights.....	AS REQUIRED.....	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