

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.....	FULLER TANK.....	5
6	Mixture.....	RICH / AS REQUIRED.....	6
7	Auto pilot.....	OFF.....	7

APPROACH CHECK COMPLETED

LANDING CHECK

1	Gear down.....	3 GREENS CHECKED.....	1
2	Flaps.....	SET FOR LANDING.....	2
3	Mixture.....	RICH / AS REQUIRED.....	3
4	Propeller.....	MAX. RPM.....	4

LANDING CHECK COMPLETED

AFTER LANDING CHECK

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

AFTER LANDING CHECK 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	Alternator.....	OFF.....	6
7	Mixture.....	LEAN /CUT OFF.....	7
8	Ignition key.....	OFF.....	8
9	Battery master.....	OFF.....	9
10	Flight data and documents.....	NOTED / COMPLETED.....	10
11	Parking brake.....	SET / AS RQUIRED.....	11

PARKING CHECK COMPLETED

SPEEDS

V_x	77 KIAS	V_{FE} (max. Flaps speed)	108 KIAS
V_y	87 KIAS	V_{initial approach}	90 KIAS
V_{cruise climb}	104 KIAS	V_{final} (Full Flaps)	75 KIAS
V_{LO DN} (max. gear down)	130 KIAS	V_{best gliding angle}	79 KIAS
V_{LO UP} (max. gear up)	109 KIAS	Crosswind component max.	17 KTS

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.....	SECURED.....	5
6	Cabine.....	CHECKED.....	6
7	Loadsheet.....	CHECKED.....	7

PREFLIGHT CHECK COMPLETED

CHECK BEFORE ENGINE START

1	Cabin door.....	CLOSED.....	1
2	Seats.....	ADJUSTED.....	2
3	Parking brake.....	ON.....	3
4	Seat belts & shoulder harness.....	FASTENED, ADJUSTED.....	4
5	Electrical consumers.....	OFF.....	5
6	Circuit breakers.....	ALL IN, CHECKED.....	6
7	Gear handle.....	DOWN.....	7
8	Avionics master switch.....	OFF.....	8
9	Battery master & alternator.....	ON.....	9
10	Fuel quantity.....	ENDURANCE.....	10
11	Fuel selector valve.....	L / R.....	11
12	Mixture.....	LEAN / CUT OFF.....	12
13	Throttle.....	IDLE.....	13
14	Propeller.....	MAX. RPM.....	14
15	Alternate air.....	CLOSED.....	15

CHECK BEFORE ENGINE START COMPLETED

STARTING ENGINE

1	Throttle.....	SET FOR ENGINE START (1CM).....	1
2	Mixture.....(cold engine only !).....	FULL RICH.....	2
3	Electric fuel pump..(cold engine only !).....	ON (APROX. 2 SEC.) AND OFF.....	3
4	Mixture (hot engine – short open and close).....	LEAN / CUT OFF.....	4
5	Propeller area.....	CLEAR.....	5
6	Ignition key.....	START.....	6
7	Mixture.....	SLOWLY TO FULL RICH.....	7
8	Engine running.....	SET 1000 RPM.....	8
9	Oil Pressure (within 30").....	GREEN ARC.....	9

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.....	SET AS REQUIRED.....	4
5 Navigation lights.....	AS REQUIRED.....	5
6 Avionics master switch / Avionics.....	ON.....	6
7 Flight instruments.....	CHECK AND SET.....	7
8 Engine instruments.....	CHECKED.....	8
9 Avionics COM, NAV, SSR.....	SET AND PRESELECT.....	9
10 Autopilot.....	TEST.....	10
11 Slave system.....	TEST.....	11

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
7 Magnetos...(L-B-R-L-B).....	CHECKED (MAX. -175 / =50 RPM).....	7
8 Mixture.....	CHECK FUNCTION.....	8
9 Propeller.....	CHECK FUNCTION (2x).....	9
10 Throttle idle.....	CHECKED (500 – 700 RPM).....	10
11 Throttle.....	SET 1000 RPM.....	11

RUN UP COMPLETED

CHECK BEFORE DEPARTURE

1 Electric fuel pump.....	ON.....	1
2 Fuel quantity.....	ENDURANCE ?.....	2
3 Fuel selector valve.....	SET PROPER TANK.....	3
4 Mixture.....	FULL RICH (OR AS REQ.).....	4
5 Propeller.....	MAX. RPM.....	5
6 Alternate air.....	CHECK / CLOSED.....	6
7 Friction lock.....	SET.....	7
8 Magnetos.....	BOTH.....	8
9 Annunciator lights.....	CHECKED.....	9
10 Trim (2x).....	SET FOR DEPARTURE.....	10
11 Flaps.....	SET FOR DEPARTURE.....	11
12 Controls.....	FREE AND CORRECT.....	12
13 Flight instruments & avionics.....	SET FOR DEPARTURE.....	13
14 Departure briefing.....	COMPLETED.....	14

CHECK BEFORE DEPARTURE COMPLETED

LINE UP CHECK

1 Cabin door.....	CLOSED.....	1
2 Lights.....	ON (AS REQUIRED).....	2
3 Anti collision lights.....	ON.....	3
4 Time.....	NOTED.....	4
5 Approach sector & runway.....	CLEAR.....	5

LINE UP CHECK COMPLETED

CLIMB CHECK

1 Gear.....	UP.....	1
2 Flaps.....	UP.....	2
3 Climb power.....	25' / 2500 RPM.....	3
4 Electric fuel pump.....	OFF (CHECK PRESSURE).....	4
5 Lights.....	AS REQUIRED.....	5

CLIMB CHECK COMPLETED

CRUISE CHECK

1 Altimeter.....	SET (STD – QNH).....	1
2 Gyro instruments.....	CHECKED.....	2
3 Cruise power.....	SET (ACCORDING AFM).....	3
4 Mixture.....	SET.....	4
5 Fuel quantity.....	ENDURANCE.....	5
6 Fuel selector.....	SET AS REQUIRED (L or R).....	6
7 Lights.....	AS REQUIRED.....	7

CRUISE CHECK COMPLETED

DESCENT CHECK

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

DESCENT CHECK COMPLETED