

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	Mixture.....	RICH / AS REQUIRED.....	5

APPROACH CHECK COMPLETED**FINAL CHECK**

1	Flaps.....	SET FOR LANDING.....	1
2	Propeller.....	MAX. RPM.....	2
3	Mixture.....	RICH / AS REQUIRED.....	3

FINAL CHECK COMPLETED**AFTER LANDING CHECK**

1	Transponder.....	GND / SBY.....	1
2	Time.....	NOTED.....	2
3	Landing light.....	OFF or AS REQUIRED.....	3
4	Strobe lights.....	OFF.....	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	121.5.....	CHECKED.....	2
3	Electrical consumers.....	OFF.....	3
4	Avionics.....	OFF.....	4
5	Throttle.....	1000 RPM.....	5
6	Mixture.....	IDLE / CUT OFF.....	6
7	Ignition key.....	OFF.....	7
8	Battery & Alternator.....	OFF.....	8
9	Flaps.....	DOWN.....	9
10	Flight data & documents.....	NOTE AND COMPLETE.....	10
11	Parking brake.....	SET / AS REQUIRED.....	11

PARKING CHECK COMPLETED**SPEEDS**

V_x	70 KIAS	V_{FE} (max. Flaps speed)	88 KIAS
V_y	77 KIAS	V_{initial approach}	90 KIAS
V_A (Manoeuvring speed)	140 KIAS	V_{final} (Full Flaps)	70 KIAS
V_{best gliding angle}	80 KIAS	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	Rudder pedals.....	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	Avionics.....	OFF.....	7
8	Battery master.....	ON.....	8
9	Fuel quantity.....	ENDURANCE.....	9
10	Fuel shut-off valve.....	OPEN.....	10
11	Structural temperature (max40°).....	CHECKED.....	11
12	Throttle.....	IDLE.....	12
13	Propeller.....	MAX. RPM.....	13
14	Mixture.....	LEAN / CUT OFF.....	14

CHECK BEFORE ENGINE START COMPLETED**STARTING ENGINE**

1	Throttle.....	SET FOR ENGINE START (1CM).....	1
2	Ignition key.....	LEFT MAGNETO.....	2
3	Mixture..... (cold engine only !)	FULL RICH.....	3
4	Electric fuel pump..(cold engine only !)	ON (APPROX. 3 SEC.).....	4
5	Electric fuel pump..(cold engine only !)	FUEL PRESSURE STEADY / OFF.....	5
6	Mixture (hot engine – short open and close).....	LEAN / CUT OFF.....	6
7	Propeller area.....	CLEAR.....	7
8	Starter.....	PUSH.....	8
9	Mixture.....	SLOWLY TO FULL RICH.....	9
10	Ignition key.....	BOTH.....	10
11	Engine running.....	SET 1000 RPM.....	11
12	Oil Pressure (within 30").....	GREEN ARC.....	12

STARTING ENGINE COMPLETED

CHECK AFTER ENGINE START

1 Alternator flash light.....	STOP (PUSH).....	1
2 Alternator.....	ON.....	2
3 Fuel pressure.....	CHECKED.....	3
4 Ventilation, heater/defroster.....	AS REQUIRED.....	4
5 Position lights.....	ON.....	5
6 Avionics.....	ON.....	6
7 Flight instruments.....	CHECK AND SET.....	7
8 Engine instruments.....	CHECKED.....	8
9 Avionics, COM, SSR.....	SET AND PRESELECT.....	9

CHECK AFTER ENGINE START COMPLETED**TAXI CHECK**

1 Brakes and steering.....	CHECKED.....	1
----------------------------	--------------	---

TAXI CHECK COMPLETED**RUN-UP**

1 Parking brake.....	SET.....	1
2 Oil temperature.....	CHECKED.....	2
3 Cylinder head temperature.....	CHECKED (~150°).....	3
4 Zone behind aircraft.....	CLEAR.....	4
5 Throttle.....	SET 1800 RPM.....	5
6 Oil pressure.....	GREEN ARC.....	6
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 (700 – 900 RPM).....	10
11 Throttle.....	SET 1100 RPM.....	11

RUN-UP COMPLETED**CHECK BEFORE DEPARTURE**

1 Electric fuel pump.....	ON.....	1
2 Fuel quantity.....	ENDURANCE ?.....	2
3 Fuel shut-off Valve.....	OPEN.....	3
4 Propeller.....	MAX. RPM.....	4
5 Mixture.....	RICH / AS REQUIRED.....	5
6 Magnetos.....	BOTH.....	6
7 Annunciator lights.....	OFF.....	7
8 Trim.....	SET FOR DEPARTURE.....	8
9 Flaps.....	SET FOR DEPARTURE.....	9
10 Cabin.....	SECURED.....	10
11 Controls.....	FREE AND CORRECT.....	11
12 Flight instruments & avionics.....	SET FOR DEPARTURE.....	12
13 Departure briefing.....	COMPLETED.....	13

CHECK BEFORE DEPARTURE COMPLETED**LINE UP CHECK**

1 Canopy & windows.....	CLOSED.....	1
2 Landing light.....	ON (AS REQUIRED).....	2
3 Strobe lights.....	ON.....	3
4 Time.....	NOTED.....	4
5 Approach sector & runway.....	CLEAR.....	5

LINE UP CHECK COMPLETED**CLIMB CHECK**

1 Flaps.....	UP.....	1
2 Climb power.....	FULL THROTTLE / 2400 RPM.....	2
3 Electric fuel pump.....	OFF (CHECK PRESSURE).....	3
4 Lights.....	AS REQUIRED.....	4

CLIMB CHECK COMPLETED**CHECK BEFORE AEROBATIC**

1 Engine instruments.....	ALL IN LIMITS.....	1
2 Structural temperature (max40°).....	CHECKED.....	2
3 Fuel Quantity.....	ENDURANCE ?.....	3
4 Power.....	SET FOR AEROBATICS (24'/2400).....	4
5 Flaps.....	UP (LOCKED !).....	5
6 Cabin.....	SECURED.....	6
7 Seat belts.....	CHECKED.....	7
8 Trim.....	SET FOR AEROBATICS.....	8
9 Aerobatic area.....	CLEAR.....	9

CRUISE CHECK COMPLETED**DESCENT CHECK**

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

DESCENT CHECK COMPLETED