

**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	Carburetor heat.....	SET AS REQUIRED.....	5

**APPROACH CHECK COMPLETED****FINAL CHECK**

1	Flaps.....	SET FOR LANDING.....	1
2	Propeller.....	MAX. RPM.....	2
3	Carburetor heat.....	OFF.....	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	Electrical consumers.....	OFF.....	2
3	121.5.....	CHECKED.....	3
4	Avionics masterswitch.....	OFF.....	4
5	Throttle.....	IDLE.....	5
6	Ignition key.....	OFF.....	6
7	Battery master (& Alternator DA20).....	OFF.....	7
8	Flight data & documents.....	NOTE AND COMPLETE.....	8
9	Parking brake.....	SET / AS REQUIRED.....	9

**PARKING CHECK COMPLETED****SPEEDS**

<b>V<sub>x</sub></b>	<b>58 KIAS</b>	<b>V<sub>FE</sub> (max. Flaps speed)</b>	<b>81 KIAS</b>
<b>V<sub>y</sub></b>	<b>65 KIAS</b>	<b>V<sub>initial approach</sub></b>	<b>80 KIAS</b>
<b>V<sub>A</sub> (Manoeuvring speed)</b>	<b>100 KIAS</b>	<b>V<sub>final</sub> (Full Flaps)</b>	<b>60 KIAS</b>
<b>V<sub>best gliding angle</sub></b>	<b>70 KIAS</b>	<b>Crosswind component max.</b>	<b>15 KTS</b>

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

1	Outside check.....	COMPLETED.....	1
2	Aircraft papers.....	CHECKED.....	2
3	Aircraft log / flight time indicator.....	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 (& Alternator DA20).....	ON.....	8
9	Fuel quantity.....	ENDURANCE.....	9
10	Fuel shut-off valve.....	OPEN.....	10
11	Chocke (cold engine).....	ON.....	11
12	Carburetor heat.....	OFF.....	12
13	Propeller.....	MAX. RPM.....	13

**CHECK BEFORE ENGINE START COMPLETED****STARTING ENGINE**

1	Electric fuel pump.....	ON.....	1
2	Throttle..... - cold engine.....	IDLE.....	2
	- hot engine.....	~ 1 cm.....	2
3	Propeller area.....	CLEAR.....	3
4	Ignition key.....	START.....	4
5	Engine running.....	SET 1100 RPM.....	5
6	Oil pressure (10 sec.).....	GREEN ARC.....	6

**STARTING ENGINE COMPLETED**

**CHECK AFTER ENGINE START**

1 Generator (Alternator) output.....	CHECKED.....	1
2 Electric fuel pump.....	OFF, PRESSURE CHECKED.....	2
3 Annunciator lights.....	OFF (3).....	3
4 Position lights.....	NOT REQUIRED OR ON (if req).....	4
5 Avionics masterswitch / Avionics.....	ON.....	5
6 Flight instruments.....	CHECK AND SET.....	6
7 Engine instruments.....	CHECKED.....	7
8 Avionics Nav, Com.....	SET AND PRESELECT.....	8

**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 Chocke.....	OFF.....	3
4 Zone behind aircraft.....	CLEAR.....	4
5 Throttle.....	SET 1700 RPM.....	5
6 Oil pressure.....	GREEN ARC.....	6
7 Magnetos...(L-B-R-L-B).....	CHECKED (MAX. -175 / =50 RPM).....	7
8 Carburetor heat.....	CHECK FUNCTION.....	8
9 Propeller.....	CHECK FUNCTION (3x).....	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 Carburetor heat.....	OFF.....	5
6 Magnetos.....	BOTH.....	6
7 Annunciator lights.....	OFF (3).....	7
8 Trim.....	SET FOR DEPARTURE.....	8
9 Flaps.....	SET FOR DEPARTURE.....	9
10 Controls.....	FREE AND CORRECT.....	10
11 Flight instruments & avionics.....	SET FOR DEPARTURE.....	11
12 Take off briefing.....	COMPLETED.....	12

**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****CRUISE CHECK**

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

**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**