

**APPROACH CHECK**

1	Altimeter.....	SET QNH.....	1
2	Landing light.....	ON.....	2
3	Fuel quantity.....	L+R, ENDURANCE.....	3
4	Fuel shut off valve.....	ON.....	4
5	Mixture.....	RICH / AS REQUIRED.....	5
6	Carburetor heat.....	ON / AS REQUIRED.....	6

**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	Landing lights.....	OFF or AS REQUIRED.....	3
4	Strobe lights.....	OFF.....	4
5	Flaps.....	UP.....	5

**AFTER LANDING CHECK COMPLETED****ENGINE SHUT DOWN AND PARKING**

1	Parking brake.....	SET.....	1
2	Throttle.....	SET 800 - 1000 RPM.....	2
3	Electrical consumers.....	OFF.....	3
4	121.5.....	CHECKED.....	4
5	Avionics.....	OFF.....	5
6	Mixture.....	LEAN / CUT OFF.....	6
7	Ignition.....	OFF / KEY REMOVED.....	7
8	Rotating beacon.....	OFF.....	8
9	Battery master & alternator.....	OFF.....	9
10	Flight data and documents.....	NOTED / COMPLETED.....	10
11	Parking brake.....	SET / AS REQUIRED.....	11

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

<b>V<sub>x</sub></b> (best angle)	<b>55 KIAS</b>	<b>V<sub>FE</sub></b> (max. Flaps speed)	<b>85 KIAS</b>
<b>V<sub>y</sub></b> (best rate)	<b>67 KIAS</b>	<b>V<sub>initial approach</sub></b>	<b>80 KIAS</b>
<b>V<sub>A</sub></b> (Manoeuvring speed)	<b>104 KIAS</b>	<b>V<sub>final</sub></b> (Full Flaps)	<b>55 KIAS</b>
<b>V<sub>best gliding angle</sub></b>	<b>60 KIAS</b>	<b>Crosswind component max.</b>	<b>12 KTS</b>

**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 & control wheel lock.....	REMOVED.....	4
5	Cabin.....	CHECKED.....	5
6	Loadsheet.....	CHECKED.....	6

**PREFLIGHT CHECK COMPLETED****CHECK BEFORE ENGINE START**

1	Cabin doors.....	CLOSED.....	1
2	Seats.....	ADJUSTED & LOCKED.....	2
3	Parking brake.....	SET.....	3
4	Seat belts and harness.....	FASTENED.....	4
5	Electrical consumers.....	OFF.....	5
6	Circuit breakers.....	CHECKED.....	6
7	Avionics.....	OFF.....	7
8	Battery master & alternator.....	ON.....	8
9	Fuel quantity.....	L+R, ENDURANCE.....	9
10	Fuel shut off valve.....	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	Priming.....	ACCORDING AFM.....	2
3	Throttle.....	0.5 - 1 cm.....	3
4	Propeller area.....	CLEAR.....	4
5	Ignition key.....	START.....	5
6	Engine running.....	SET 800 - 1000 RPM.....	6
7	Oil Pressure.....	GREEN ARC (after max 30").....	7

**STARTING ENGINE COMPLETED**

**CHECK AFTER ENGINE START**

1 Alternator output.....	CHECKED.....	1
2 Ventilation, heater, defroster.....	AS REQUIRED.....	2
3 Navigation lights.....	ON.....	3
4 Avionics.....	ON.....	4
5 Flight instruments.....	CHECKED AND SET.....	5
6 Engine instruments.....	CHECKED.....	6
7 Avionics COM, NAV / SSR.....	SET AND PRESELECTED.....	7

***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 1700 RPM.....	4
5 Oil pressure, suction.....	GREEN ARC.....	5
6 Magnetos...(L-B-R-L-B).....	CHECKED (MAX. -125 / $\Delta$ 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 Fuel quantity.....	L & R, ENDURANCE.....	2
3 Fuel shut off valve.....	ON.....	3
4 Mixture.....	RICH / AS REQUIRED.....	4
5 Carburetor heat.....	OFF.....	5
6 Magnetos.....	BOTH.....	6
7 Trim.....	SET FOR DEPARTURE.....	7
8 Flaps.....	SET FOR DEPARTURE.....	8
9 Controls.....	CLEAR AND CORRECT.....	9
10 Flight instruments & avionics.....	SET FOR DEPARTURE.....	10
11 Cabin and pax.....	SECURED.....	11
12 Departure briefing.....	COMPLETED.....	12

***CHECK BEFORE DEPARTURE COMPLETED*****LINE UP CHECK**

1 Doors and windows.....	CLOSED & LOCKED.....	1
2 Landing lights.....	ON.....	2
3 Strobe light.....	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.....	SET.....	2
3 Landing Light.....	AS REQUIRED.....	3

***CLIMB CHECK COMPLETED*****CRUISE CHECK**

1 Altimeter.....	SET (STD / QNH).....	1
2 Gyro.....	CHECKED / SET.....	2
3 Cruise power.....	SET.....	3
4 Mixture.....	SET.....	4
5 Fuel quantity.....	L+R, 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***