

**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.....	SET PROPER TANK.....	5
6	Mixture.....	RICH / AS REQUIRED.....	6
7	Auto pilot.....	OFF.....	7

**APPROACH CHECK COMPLETED****LANDING CHECK**

1	Gear down.....	INDICATOR & GREEN LIGHT CHECKED.....	1
2	Flaps.....	SET FOR LANDING.....	2
3	Propeller.....	MAX. RPM.....	3
4	Mixture.....	RICH or AS REQUIRED.....	4
5	Cowl flaps.....	OPEN.....	5

**LANDING CHECK COMPLETED****AFTER LANDING CHECK**

1	Transponder.....	GND / SBY.....	1
2	Time.....	NOTED.....	2
3	Strobe lights.....	OFF.....	3
4	Landing lights.....	OFF or AS REQUIRED.....	4
5	Boost 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	Trim.....	TAKE OFF POSITION.....	3
4	Flaps.....	FULL DOWN.....	4
5	Electrical consumers.....	OFF.....	5
6	121.5.....	CHECKED.....	6
7	Avionics master switch.....	OFF.....	6
8	Mixture.....	LEAN /CUT OFF.....	8
9	Ignition key.....	OFF.....	9
10	Battery master.....	OFF.....	10
11	Flight data and documents.....	NOTED / COMPLETED.....	11
	Parking brake.....	SET / AS REQUIRED.....	12

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

<b>V<sub>x</sub></b>	<b>66 KIAS</b>	<b>VA</b>	<b>104 - 118 KIAS</b>
<b>V<sub>y</sub></b>	<b>86 KIAS</b>	<b>V<sub>FE</sub> (max. Flaps speed)</b>	<b>112 KIAS</b>
<b>V<sub>cruise climb</sub></b>	<b>100 KIAS</b>	<b>V<sub>initial approach</sub></b>	<b>90 KIAS</b>
<b>V<sub>LO DN</sub> (max. gear down)</b>	<b>132 KIAS</b>	<b>V<sub>final</sub> (Full Flaps)</b>	<b>70 KIAS</b>
<b>V<sub>LO UP</sub> (max. gear up)</b>	<b>107 KIAS</b>	<b>V<sub>best gliding angle</sub> (clean)</b>	<b>87 - 93 KIAS</b>
		<b>Crosswind component max.</b>	<b>11 KTS</b>

**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	Radio master.....	OFF.....	8
9	Battery master.....	ON.....	9
10	Flaps.....	UP.....	10
11	Fuel quantity.....	ENDURANCE.....	11
12	Fuel selector valve.....	L - R ?.....	12
13	Mixture.....	LEAN / CUT OFF.....	13
14	Throttle.....	IDLE.....	14
15	Propeller.....	MAX. RPM.....	15
16	Cowl flaps.....	OPEN.....	16
17	Ram air.....	OFF.....	17

**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 1100 RPM.....	8
9	Oil Pressure (within 30").....	GREEN ARC.....	9

**STARTING ENGINE COMPLETED**

**CHECK AFTER ENGINE START**

1 Alternator output.....	CHECKED.....	1
2 Annunciator lights.....	CHECKED.....	2
3 Ventilation, heater, defroster.....	SET AS REQUIRED.....	3
4 Navigation lights.....	AS REQUIRED (DAYTIME OFF).....	4
5 Avionics master switch / Avionics.....	ON.....	5
6 Elevator Trim.....	ON.....	6
7 Flight instruments.....	CHECK AND SET.....	7
8 Engine instruments.....	CHECKED.....	8
9 Avionics Nav, Com.....	SET AND PRESELECT.....	9
10 Autopilot.....	TEST.....	10

**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 1950 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 Fuel quantity.....	ENDURANCE ?.....	1
2 Fuel selector valve.....	SET PROPER TANK.....	2
3 Mixture.....	FULL RICH (OR AS REQ.).....	3
4 Propeller.....	MAX. RPM.....	4
5 Friction lock.....	SET.....	5
6 Cowl flaps.....	OPEN.....	6
7 Magnetos.....	BOTH.....	7
8 Annunciator lights.....	CHECKED.....	8
9 Trim.....	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 Departure briefing.....	COMPLETED.....	13

**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 Bost pump.....	ON.....	4
5 Time.....	NOTED.....	5
6 Approach sector & runway.....	CLEAR.....	6
7 Flarm.....	ON.....	7

**LINE UP CHECK COMPLETED****CLIMB CHECK**

1 Gear.....	UP.....	1
2 Flaps.....	UP.....	2
3 Climb power.....	26' / 2600 RPM.....	3
4 Bost pump.....	OFF (CHECK PRESSURE).....	4
5 Lights.....	AS REQUIRED.....	5
6 Cowl flaps.....	OPEN.....	6

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

1 Altimeter.....	SET (STD – QNH).....	1
2 Gyro instruments.....	CHECKED.....	2
3 Cruise power.....	SET (ACCORDING AFM).....	3
4 Cowl flaps.....	CLOSED (OR AS REQUIRED).....	4
5 Mixture.....	SET.....	5
6 Fuel quantity.....	CHECKED, ENDURANCE.....	6
7 Fuel selector.....	SET AS REQUIRED (L or R).....	7
8 Lights.....	AS REQUIRED.....	8

**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**