

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 (OR AS REQ.).....	5

APPROACH CHECK COMPLETED**FINAL CHECK**

1	Flaps.....	SET FOR LANDING.....	1
2	Mixture.....	RICH (OR AS REQ.).....	2

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	Throttle.....	SET 800 - 1000 RPM.....	2
3	Electrical consumers.....	OFF.....	3
4	121.5.....	CHECK.....	4
5	Avionics masterswitch.....	OFF.....	5
6	Mixture.....	LEAN / CUT OFF.....	6
7	Ignition key.....	OFF & REMOVED.....	7
8	Battery master alternator.....	OFF.....	8
9	Flight data & documents.....	NOTE AND COMPLETE.....	9
10	Parking brake.....	SET / AS REQUIRED.....	10

PARKING CHECK COMPLETED**SPEEDS**

V_x	57 KIAS	V_{FE}	T/O: 100 - LDG: 78 KIAS
V_y	75 KIAS	V_{initial approach}	80 KIAS
V_A (Manoeuvring speed)	106 KIAS	V_{final} (Full Flaps)	55 KIAS
V_{best gliding angle}	73 KIAS	Crosswind component max.	20 KTS

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.....	WITHIN LIMITS.....	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.....	6
7	Avionics master switch.....	OFF.....	7
8	Battery master & alternator.....	ON.....	8
9	Fuel quantity.....	ENDURANCE.....	9
10	Fuel shut-off valve.....	OPEN.....	10
11	Mixture.....	RICH.....	11
12	Alternate air.....	CLOSED.....	12
13	Throttle.....	IDLE.....	13

CHECK BEFORE ENGINE START COMPLETED**STARTING ENGINE**

1	Electric fuel pump.....	ON.....	1
2	Fuel prime.....	ON.....	2
3	Throttle.....	FULL FOR PRIME (cold 5-10' hot ~1').....	3
4	Throttle.....	1/4 INCH.....	4
5	Propeller area.....	CLEAR.....	4
6	Ignition key.....	START (max. 10').....	5
7	Engine running.....	SET 1000 RPM.....	6
8	Fuel prime.....	OFF.....	8
9	Oil Pressure.....	GREEN ARC (after max 30").....	9
10	Starter warning light.....	OFF.....	10

STARTING ENGINE COMPLETED

CHECK AFTER ENGINE START

1 Generator output.....	CHECKED.....	1
2 Electric fuel pump.....	OFF, PRESSURE CHECKED.....	2
3 Annunciator lights.....	TEST AND OFF.....	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.....	WITHIN LIMITS.....	2
3 Zone behind aircraft.....	CLEAR.....	3
4 Throttle.....	SET 1700 RPM.....	4
5 Oil pressure.....	GREEN ARC.....	5
6 Magnetos...(L-B-R-L-B).....	CHECKED (MAX. -175 / =50 RPM).....	6
7 Mixture.....	CHECK FUNCTION.....	7
8 Alternate air.....	CHECKED.....	8
9 Throttle idle.....	CHECKED (800 – 1000 RPM).....	9
10 Throttle.....	SET 1000 RPM.....	10

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 Fuel prime.....	OFF.....	4
5 Mixture.....	RICH (OR AS REQ.).....	5
5 Alternate air.....	CLOSED.....	6
7 Magnetos.....	BOTH.....	7
8 Annunciator lights.....	OFF.....	8
9 Trim.....	SET FOR DEPARTURE.....	8
10 Flaps.....	SET FOR DEPARTURE.....	10
11 Controls.....	FREE AND CORRECT.....	11
12 Flight instruments & avionics.....	SET FOR DEPARTURE.....	12
13 Take off 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 / 2200 RPM.....	2
3 Electric fuel pump.....	OFF (CHECK PRESSURE).....	3
4 Landing light.....	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 Mixture.....	SET.....	4
5 Fuel quantity.....	CHECKED, 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