

APPROACH CHECK

1	Altimeter	SET QNH	1
2	Landing light	ON	2
3	Electric fuel pump	ON	3
4	Fuel quantity	ENDURANCE?	4
5	Carburetor heat	SET AS REQUIRED	5

APPROACH CHECK COMPLETED**LANDING CHECK**

1	Flaps	SET FOR LANDING	1
2	Propeller	MAX. RPM	2
3	Carburetor heat	OFF	3

LANDING CHECK COMPLETED**AFTER LANDING CHECK**

1	Time	NOTED	1
2	Landing light	OFF or AS REQUIRED	2
3	Strobe lights	OFF	3
4	Electric fuel pump	OFF	4
5	Flaps	UP	5

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 datas & documents	NOTE AND COMPLETE	8
9	Parking brake	SET / AS REQUIRED	9

PARKING CHECK COMPLETED**SPEEDS**

V_x	58 KIAS	V_{FE} (max. flaps speed)	81 KIAS
V_y	65 KIAS	V_{initial approach}	80 KIAS
V_A (manoeuvring speed)	100 KIAS	V_{final} (full flaps)	60 KIAS
V_{best gliding angle}	70 KIAS	Crosswind component max.	15 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	Propeller	MAX. RPM	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	Annunciator lights	CHECK ON	9
10	Fuel quantity	ENDURANCE?	10
11	Fuel shut-off valve	OPEN	11
12	Choke (cold engine)	ON	12
13	Carburetor heat	OFF	13
14	Canopy	CLOSED AND LOCKED	14

CHECK BEFORE ENGINE START COMPLETED**STARTING ENGINE**

1	Electric fuel pump	ON	1
2	Throttle	IDLE	2
		(cold engine)	
		(hot engine)	
		~1 cm	
3	Propeller area	CLEAR	3
4	Ignition key START	ENDURANCE?	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 (FUEL PRESSURE CHECKED).....	2
3 Annunciator lights.....	OFF (3).....	3
4 Position lights.....	AS REQUIRED.....	4
5 Avionics masterswitch / Avionics.....	ON.....	5
6 Flight instruments.....	CHECK AND SET.....	6
7 Engine instruments.....	CHECKED.....	7
8 Avionics COM, NAV, SSR.....	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 Choche.....	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 (3).....	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.....	CLEAR AND CORRECT.....	10
11 Flight instruments & avionics.....	SET FOR DEPARTURE.....	11
12 Departure 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 (FUEL PRESSURE CHECKED).....	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.....	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