

**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****FINAL 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

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

1	Transponder.....	GND / SBY.....	1
2	Time.....	NOTED.....	2
3	Anti collision lights.....	OFF.....	3
4	Landing lights.....	OFF or AS REQUIRED.....	4
5	Electric fuel pump.....	OFF.....	5
6	Flaps.....	UP.....	6
7	Speed brakes.....	OFF.....	7

**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	Alternator.....	OFF.....	7
9	Mixture.....	LEAN /CUT OFF.....	8
10	Ignition key.....	OFF.....	9
11	Rotating Beacon.....	OFF.....	11
12	Battery master.....	OFF.....	12
13	Flight data and documents.....	NOTED / COMPLETED.....	13
14	Parking brake.....	SET / AS REQUIRED.....	14

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

		<b>VA</b>	<b>104 - 118 KIAS</b>
<b>Vx</b>	<b>66 KIAS</b>	<b>VFE (max. Flaps speed)</b>	<b>112 KIAS</b>
<b>Vy</b>	<b>86 KIAS</b>	<b>Vinitial approach</b>	<b>90 KIAS</b>
<b>Vcruise climb</b>	<b>100 KIAS</b>	<b>Vfinal (Full Flaps)</b>	<b>70 KIAS</b>
<b>VLO DN (max. gear down)</b>	<b>132 KIAS</b>	<b>Vbest gliding angle (clean)</b>	<b>87 - 93 KIAS</b>
<b>VLO UP (max. gear up)</b>	<b>107 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 & alternator.....	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

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

1	Rotating Beacon.....	ON.....	1
2	Throttle.....	SET FOR ENGINE START (1CM).....	2
3	Mixture..... (cold engine only ! ).....	FULL RICH.....	3
4	Electric fuel pump..(cold engine only ! ).....	ON (APROX. 2 SEC.) AND OFF.....	4
5	Mixture (hot engine – short open and close).....	LEAN / CUT OFF.....	5
6	Propeller area.....	CLEAR.....	6
7	Ignition key.....	START.....	7
8	Mixture.....	SLOWLY TO FULL RICH.....	8
9	Engine running.....	SET 1100 RPM.....	9
10	Oil Pressure (within 30").....	GREEN ARC.....	10

**STARTING ENGINE COMPLETED**

**CHECK AFTER ENGINE START**

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

*CHECK AFTER ENGINE START COMPLETED*

**TAXI CHECK**

1	Brakes and steering	CHECKED
2	Gyro instruments	CHECKED

*TAXI CHECK COMPLETED*

**RUN-UP**

1	Parking brake	SET
2	Oil temperature	CHECKED
3	Zone behind aircraft	CLEAR
4	Throttle	SET 1950 RPM
5	Oil pressure, Suction	GREEN ARC
7	Magnets, (L-B-R-L-B)	CHECKED (MAX. -175 / =50 RPM)
8	Mixture	CHECK FUNCTION
9	Propeller	CHECK FUNCTION (2x)
10	Throttle idle	CHECKED (500 - 700 RPM)
11	Throttle	SET 1100 RPM

*RUN UP COMPLETED*

**CHECK BEFORE DEPARTURE**

1	Fuel quantity	ENDURANCE ?
2	Fuel selector valve	SET PROPER TANK
3	Mixture	FULL RICH (OR AS REQ.)
4	Propeller	MAX. RPM
5	Fricion lock	SET
6	Cowl flaps	OPEN
7	Magnets	BOTH
8	Annunciator lights	CHECKED
9	Trim	SET FOR DEPARTURE
10	Speed brakes	CHECKED & OFF
11	Flaps	SET FOR DEPARTURE
12	Controls	FREE AND CORRECT
13	Flight instruments & avionics	SET FOR DEPARTURE
14	Departure briefing	COMPLETED

*CHECK BEFORE DEPARTURE COMPLETED*

**LINE UP CHECK**

1	Cabin door	CLOSED
2	Lights	ON (AS REQUIRED)
3	Anti collision lights	ON
4	Electrical fuel pump	ON
5	Time	NOTED
6	Approach sector & runway	CLEAR

*LINE UP CHECK COMPLETED*

**CLIMB CHECK**

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

*CLIMB CHECK COMPLETED*

**CRUISE CHECK**

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

*CRUISE CHECK COMPLETED*

**DESCENT CHECK**

1	ATIS	NOTED
2	Approach briefing	COMPLETED
3	Avionics	CHECKED
4	Gyro instruments	CHECKED / SET
5	Cabin	SECURED

*DESCENT CHECK COMPLETED*