

**AIRCRAFT PREPARATION**

1	Preflightcheck, draining.....	completed.....	1
2	Electric switches .....	off.....	2
3	Aircraft equipment, A/C Log.....	on board.....	3
4	Master and Generator switches.....	on.....	4
5	Flighttime-count. / Total hours (MFD)..	noted, checked.....	5
6	Passenger.....	instructed.....	6
7	Flight controls.....	free and correct.....	7
8	Ignition key.....	into starter, off.....	8

***AIRCRAFT PREPARATION COMPLETED*****ENGINE START**

1	Cabin and doors.....	secured, closed and latched.....	1
2	Parking brake.....	set.....	2
3	Circuit breakers.....	checked.....	3
4	Annunciator lights.....	3 on and test.....	4
5	MFD.....	select engine-page.....	5
6	Electrical fuel pump.....	on, pressure checked.....	6
7	Fuel quantity.....	lh ... / rh ..., endurance ... hrs.....	7
8	Fuel selector.....	fullest tank (LH if both full).....	8
9	Carburetor heat.....	off.....	9
10	Strobelights.....	on.....	10
11	• warm engine: .....	no choke.....	11
	• cold engine:.....	push choke.....	
12	Throttle.....	idle.....	12
13	Propeller area.....	clear.....	13
14	Starter.....	engage.....	14
15	Oil pressure.....	checked, annunc. light out (10 sec)...	15
16	Choke.....	slowly off.....	16
17	Throttle.....	1000 RPM.....	17
18	Electrical fuel pump.....	off, pressure checked.....	18
19	Strobe lights.....	off.....	19
	NAV lights.....	on.....	
22	Avionic master switch and COM.....	on, COM: 121,500 checked.....	20
21	Transponder.....	ALT 7000.....	21
22	ATIS / departure information.....	received.....	22
23	Avionics.....	preselected, set.....	23
24	Flight instruments.....	checked, set.....	24

***ENGINE START COMPLETED***

**TAXI CHECK**

- |   |   |              |   |
|---|---|--------------|---|
| 1 | Brakes, steering.....                         | checked..... | 1 |
| 2 | Attitude, heading, slip & turn indicator..... | checked..... | 2 |

***TAXI CHECK COMPLETED*****ENGINE RUN UP**

- |    |   |   |    |
|----|---|---|----|
| 1  | Parking brake.....                      | set.....                                | 1  |
| 2  | MFD.....                                | select engine page.....                 | 2  |
| 3  | Engine instruments, oil temp.....       | in limits, $\geq 50^{\circ}$ C.....     | 3  |
| 4  | Area behind.....                        | clear.....                              | 4  |
| 5  | Throttle.....                           | 1600 RPM.....                           | 5  |
| 6  | Magnetos.....                           | max. drop 130 RPM/max. diff.50 RPM..... | 6  |
| 7  | Carburetor heat.....                    | checked, RPM-drop / no icing.....       | 7  |
| 8  | Engine instruments, annunc. lights..... | green, all off.....                     | 8  |
| 9  | Throttle.....                           | idle (min 580 RPM).....                 | 9  |
| 10 | Throttle.....                           | 1000 RPM.....                           | 10 |

***ENGINE RUN UP COMPLETED*****CHECK BEFORE DEPARTURE**

- |    |  |   |    |
|----|--|---|----|
| 1  | Flight controls.....                   | free and easy.....                      | 1  |
| 2  | Electrical fuel pump.....              | on, pressure checked.....               | 2  |
| 3  | Fuel quantity.....                     | lh ... / rh ..., endurance ... hrs..... | 3  |
| 4  | Fuel selector.....                     | fullest tank (LH if both full).....     | 4  |
| 5  | Carburetor heat.....                   | off.....                                | 5  |
| 6  | Magnetos.....                          | both.....                               | 6  |
| 7  | Choke.....                             | off.....                                | 7  |
| 8  | Flaps.....                             | set T/O.....                            | 8  |
| 9  | Trim.....                              | set neutral.....                        | 9  |
| 10 | Engine instruments, annunc.lights..... | in limits / checked.....                | 10 |
| 11 | Flight instruments.....                | set for departure.....                  | 11 |
| 12 | Avionics / MFD .....                   | set / select map page.....              | 12 |
| 13 | Departure briefing.....                | completed.....                          | 13 |
| 14 | Doors.....                             | closed and latched.....                 | 14 |
| 15 | Seats.....                             | locked.....                             | 15 |
| 16 | Seatbelts / cabin + passenger.....     | fastened / secured.....                 | 16 |

***READY FOR DEPARTURE***

## LINE UP CHECK

1	Approach & RWY.....	clear.....	1
2	Strobelights.....	on.....	2
3	Time.....	noted.....	3
4	Transponder.....	set.....	4
5	RWY .....	identified.....	5
6	RWY HDG and HDG indicator.....	compared.....	6
7	Wind.....	checked.....	7
8	Time.....	check.....	8

**LINE UP CHECK COMPLETED**

## CLIMB CHECK

1	Climb power.....	set.....	1
2	Flaps.....	0° (up).....	2
3	Electric fuel pump.....	off, pressure checked.....	3

**CLIMB CHECK COMPLETED**

## CRUISE CHECK

1	Altimeters / PFD.....	set.....	1
2	Engine instruments, annunc. lights.....	in limits, all off.....	2
3	Cruise power.....	set.....	3
4	Fuel quantity.....	lh ... / rh ..., endurance ... hrs.....	4
5	Lights.....	as required.....	5
6	Transponder.....	ALT 7000 or according ATC.....	6

**CRUISE CHECK COMPLETED**

	POWER SETTINGS: RPM, TAS KT, LT/h		
ALTITUDE	LOWSPEED	LONGRANGE	NORMAL
0 FT	1900, 93, 18,8	2000, 99, 19,9	2150, 108, 21,9
2'000 FT	1900, 92, 18,8	2000, 98, 19,7	2150, 107, 21,5
4'000 FT	1900, 92, 18,8	2000, 98, 19,6	2150, 106, 21,2
6'000 FT	1900, 91, 18,9	2000, 97, 19,6	2150, 106, 21,0
8'000 FT	1900, 90, 19,1	2000, 96, 19,6	2150, 105, 20,8
10'000 FT	1900, 90, 19,1	2000, 96, 19,7	2150, 104, 20,7

**DESCENT CHECK**

- |   |                                    |                         |   |
|---|------------------------------------|-------------------------|---|
| 1 | ATIS / landing information.....    | received.....           | 1 |
| 2 | Approach briefing.....             | completed.....          | 2 |
| 3 | Avionics / EFIS.....               | set / preselected.....  | 3 |
| 4 | Seatbelts / cabin + passenger..... | fastened / secured..... | 4 |

***DESCENT CHECK COMPLETED*****APPROACH CHECK**

- |   |                         |                           |   |
|---|-------------------------|---------------------------|---|
| 1 | Altimeter / PFD.....    | set QNH.....              | 1 |
| 2 | Landing light.....      | on.....                   | 2 |
| 3 | Electric fuel pump..... | on, pressure checked..... | 3 |
| 4 | Fuel quantity.....      | checked.....              | 4 |
| 5 | Fuel selector.....      | fullest tank.....         | 5 |
| 6 | Carburetor heat.....    | as required.....          | 6 |

***APPROACH CHECK COMPLETED*****FINAL CHECK**

- |   |                      |              |   |
|---|----------------------|--------------|---|
| 1 | Flaps.....           | LDG set..... | 1 |
| 2 | Carburetor heat..... | off.....     | 2 |

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

- |   |                         |                            |   |
|---|-------------------------|----------------------------|---|
| 1 | Transponder.....        | ALT.....                   | 1 |
| 2 | Time.....               | noted.....                 | 2 |
| 3 | Strobe lights.....      | off.....                   | 3 |
| 4 | Electric fuel pump..... | off, pressure checked..... | 4 |
| 5 | Flaps.....              | 0° (up).....               | 5 |

***AFTER LANDING CHECK COMPLETED*****STOPPING ENGINE / PARKING CHECK**

- |    |  |                       |    |
|----|--|-----------------------|----|
| 1  | Parking brake.....                         | set.....              | 1  |
| 2  | Throttle.....                              | 1000 RPM set.....     | 2  |
| 3  | COM .....                                  | 121,500 checked.....  | 3  |
| 4  | Avionic master switch and COM.....         | off.....              | 4  |
| 5  | Electric switches.....                     | off.....              | 5  |
| 6  | Throttle.....                              | idle.....             | 6  |
| 7  | Magnetos, ignition key.....                | off, key removed..... | 7  |
| 8  | Flighttime-count. / Total hours (MFD)..... | noted.....            | 8  |
| 9  | Generator + master switches.....           | off.....              | 9  |
| 10 | Parking brake.....                         | as required.....      | 10 |

***STOPPING ENGINE / PARKING CHECK COMPLETED***