

**ENGINE FAILURE ON THE RUNWAY:**

- |    |          |              |
|----|----------|--------------|
| 1. | THROTTLE | IDLE         |
| 2. | BRAKES   | APL. TO STOP |

**IF INSUFFICIENT RUNWAY:**

- |    |               |     |
|----|---------------|-----|
| 3. | MIXTURE       | ICO |
| 4. | FUELPUMP      | OFF |
| 5. | FUEL SELECTOR | OFF |
| 6. | MAGNETOS      | OFF |
| 7. | MASTER        | OFF |

**CHECKLIST COMPLETE****ENGINE FAILURE AFTER TAKE OFF:**

- |    |                   |            |
|----|-------------------|------------|
| 1. | NOSE DOWN (SPEED) | 72 KTS     |
| 2. | THROTTLE          | IDLE       |
| 3. | FLAPS             | AS REQ.    |
| 4. | LAND              | STR. AHEAD |

**IF INSUFICIENT RUNWAY:**

- |    |               |     |
|----|---------------|-----|
| 5. | MIXTURE       | ICO |
| 6. | FUELPUMP      | OFF |
| 7. | FUEL SELECTOR | OFF |
| 8. | MASTER        | OFF |
| 9. | MAGNETOS      | OFF |

**NOTE: MIN. 700 FT AGL FOR 180° TURN****CHECKLIST COMPLETE****ENGINE FAILURE IN FLIGHT:**

- |     |                  |          |
|-----|------------------|----------|
| 1.  | FLY THE AIRCRAFT | 72 KTS   |
| 2.  | CARBURATOR HEAT  | ON       |
| 3.  | LANDING AREA     | SELECT   |
| 4.  | FUELPUMP         | ON       |
| 5.  | FUEL SELECTOR    | L / R    |
| 6.  | MIXTURE          | RICH     |
| 7.  | MAGNETOS         | CHECKED  |
| 8.  | PRIMER           | LOCKED   |
| 9.  | MAY DAY CALL     | TRANSMIT |
| 10. | ELT              | ON       |
| 11. | SEAT BELTS       | LOCKED   |

**IF PROP IS ROTATING:**

- |    |                             |                          |
|----|-----------------------------|--------------------------|
| 1. | MIXTURE                     | ICO                      |
| 2. | THROTTLE                    | FULL 5 SEC.<br>THEN 1 CM |
| 3. | MIXTURE (WHEN ENGINE FIRES) | RICH                     |

**IF PROP IS NOT ROTATING:**

- |    |                             |       |
|----|-----------------------------|-------|
| 1. | THROTTLE                    | 1 CM  |
| 2. | STARTER                     | PRESS |
| 3. | MIXTURE (WHEN ENGINE FIRES) | RICH  |

**CONTINIUE WITH EM. LDG CHECKLIST****EMERGENCY LANDIG:**

(WHEN ENGI. CAN'T BE REST. BLW 1500 FT AGL)

- |    |                            |          |
|----|----------------------------|----------|
| 1. | MIXTURE                    | ICO      |
| 2. | FUELPUMP                   | OFF      |
| 3. | FUEL SELECTOR              | OFF      |
| 4. | MAGNETOS                   | OFF      |
| 5. | HOOD                       | UNLOCKED |
| 6. | MASTER<br>(WHEN FULL FLAP) | OFF      |

**CHECKLIST COMPLETE****FIRE ON START UP:**

- |    |          |                         |
|----|----------|-------------------------|
| 1. | STARTER  | CRANK,IF NOT<br>RUNNING |
| 2. | THROTTLE | FULL                    |

3.	MIXTURE	ICO
	<b>IF FIRE CONTINUES:</b>	
4.	FUELPUMP	OFF
5.	FUELSELECTOR	OFF
6.	MAGNETOS	OFF
7.	MASTER	OFF
8.	AIRCRAFT	EVACUATE
9.	FIRE EXTINGUISHER	USE AS REQ.
	<b>CHECKLIST COMPLETE</b>	
	<b>ENGINE FIRE IN FLIGHT:</b>	
1.	FUELPUMP	OFF
2.	FUEL SELECTOR	OFF
3.	MIXTURE	ICO
4.	THROTTLE	FULL
5.	CABIN HEAT AND VENT	CLOSED
	<b>CONTINUE WITH EM. LDG CHECKLIST</b>	
	<b>AMP.METER AT LOW CHARGE:</b>	
1.	ELECTRICAL LOAD	MINIMUM
2.	LAND AS SOON AS POSSIBLE	
	<b>CHECKLIST COMPLETE</b>	
	<b>LOW VOLTAGE LIGHT ILLUM.</b>	
1.	AVIONICS	OFF
2.	MASTER	OFF
3.	MASTER	ON
4.	LOW VOLTAGE LIGHT	CHECK OFF
5.	AVIONICS	ON
	<b>IF LIGHT ILLUMINATES AGAIN:</b>	
6.	ELECRTICAL LOAD	MINIMUM
7.	LAND AS SOON AS POSSIBLE	
	<b>CHECKLIST COMPLETE</b>	
	<b>ELECTRICAL FIRE:</b>	
1.	MASTER	OFF
2.	ELECTRICAL GROUP CAUSING FIRE	OFF
3.	FIRE	EXTINGUISH
4.	MASTER	ON
5.	ELECTRICAL LOAD	MINIMUM
6.	LAND AS SOON AS POSSIBLE	
	<b>CHECKLIST COMPLETE</b>	
	<b>SMOKE OR FUMES IN COCKPIT:</b>	
1.	ALL NON ESSENTIAL EQUIPMENT	OFF
2.	IF SMOKE PERSIST, MASTER	OFF
3.	HOOD	OPEN 50 CM
4.	CABIN HEAT AND VENTILATION	OFF
	<b>CHECKLIST COMPLETE</b>	
	<b>LOSS OF OIL PRESSUARE:</b>	
1.	POWER	REDUCE
2.	OIL PRES. LOW, LAND EMEDIATELY	
	<b>CHECKLIST COMPLETE</b>	

### **LYS SIGNALER VED RADIO FEIL:**

<b>LYS SIGNAL</b>	<b>I LUFTEN</b>	<b>PÅ BAKKEN</b>
FAST GRØNN	KLARERT LANDING	KLARERT AVGANG
FAST RØDT	VIK UNNA FØR ANNET LUFTFARTØY OG FORTSETT LANDINGSRUNDEN	STOPP
GRØNNE BLINK	RETURNER FØR LANDING	TAX TIL VENTPOS. / PARKERING
RØDE BLINK	PLYPLASS IKKE BRUKBAR, LANDING FØRBUDT	FORLAT LANDINGS OMRÅDET
HVITE BLINK	LAND HER OG PARKER PÅ PARKERINGSPLASS	RETURNER TIL UTGANGSPUNKTET
RØDT PYROTEKN. (RAKET)	LANDING FØRBUDT INN TIL VIDERE	

### **PRESTART:**

- |   |                             |
|---|-----------------------------|
| <p><b>1. PREFLIGHT INSPECTION</b><br/> DOCUMENTS ON BOARD / CHECKED.<br/> ELT ARMED.<br/> BAGAGE SECURED.<br/> FIRST AID KIT STOWED.<br/> FIRE EXTINGUISHER STOWED.<br/> PASSNGER BRIEFING GIVEN;<br/>           EMERGENCY EXITS<br/>           SEAT BELT<br/>           LIFE VESTS<br/>           FIRST AID KIT<br/>           FIRE EXTINGUISHER<br/> SEAT AND SEAT BELTS ADJUSTED AND LOCKED.<br/> COCKPIT CHECKED FOR LOOSE ITEMS.</p> | <p><b>COMPLETED</b></p>     |
| <p><b>2. PARKING BRAKE</b></p>  | <p><b>SET</b></p>           |
| <p><b>3. FLIGHT CONTROLS</b><br/> CHECK FLIGHT CONTROLS FOR FULL AND FREE TRAVEL<br/> LEFT / RIGHT, FORWARDS / BACKWARDS.<br/> CHECK AILERONS AND ELEVATOR VISUALLY.</p>  | <p><b>FREE/CORRECT</b></p>  |
| <p><b>4. TRIM</b><br/> SET ELEVATOR TRIM IN GREEN POSITION.</p>   | <p><b>SET</b></p>           |
| <p><b>5. INSTRUMENTS</b><br/> CHECK CONDITION, START FROM THE LEFT WITH THE<br/> CLOCK AND MOVE TOWARDS THE RIGHT.</p>  | <p><b>CHECKED</b></p>       |
| <p><b>6. CIRCUIT BREAKERS</b></p>   | <p><b>CHECKED IN</b></p>    |
| <p><b>7. ELECTRICAL EQUIPMENT</b><br/> NECESSARY COCKPIT LIGHTNING ON.<br/> ALL OTHER ELECTRICAL EQUIPMENT OFF.</p>   | <p><b>SET</b></p>           |
| <p><b>8. CARBURATOR HEAT</b></p>  | <p><b>OFF</b></p>           |
| <p><b>9. HOOD</b></p>   | <p><b>5 CM OPEN</b></p>     |
| <p><b>10. MASTER</b></p>  | <p><b>ON</b></p>            |
| <p><b>11. MAGNETOS</b></p>  | <p><b>BOTH</b></p>          |
| <p><b>12. THROTTLE</b><br/> OPEN THROTTLE 1 CM</p>  | <p><b>SET</b></p>           |
| <p><b>13. MIXTURE</b></p>   | <p><b>RICH</b></p>          |
| <p><b>14. FUEL / FUEL SELECTOR</b><br/> CHECK INDICATED FUEL QUANTITY AND COMPARE<br/> WITH FLIGHT PLAN. SELECT FULLEST TANK.</p>   | <p><b>CHECKED / L/R</b></p> |

- 15. **FUEL PUMP** **ON**
- 16. **BEACON** **ON**

**CHECKLIST COMPLETE**

**STARTING ENGINE:**

BEFORE ENGAGING THE STARTER, CHECK LEFT AND RIGHT SIDE, FOR FREE AREA BEHIND.  
 PUT RIGHT HAND ON THE THROTTLE AND **CALL OUT; LEFT AND RIGHT SIDE CHECKED, STARTING ENGINE.**  
 WHEN ENGINE FIRES, CHECK OIL PRESSUARE, AND AMPERE METERSMOTHLYADVANCE THE THROTTLE TO 1000 RPM AND **CALL OUT:OIL PRESSUARE CHECKED, AMPERE METER CHECKED.**

**AFTER ENGINE START:**

- 1. **OIL PRESSUARE** **CHECKED**
- 2. **ALTENATOR / AMPERE METER** **ON / CHECKED**  
CHECK ALTENATOR ON AND CHARGING.
- 3. **HOOD** **LOCKED**  
CHECK THAT HOOD IS LOCKED
- 4. **NAV LIGHTS** **ON**
- 5. **AVIONICS** **ON / CHECKED**  
INTERCOM, ADJUST VOLUME AND SQUELCH.  
MONITOR ATIS.
- 6. **GYROS** **CHECKED**  
HEADING CORRESPONDS WITH STBY. COMPASS
- 7. **FLAP** **UP**

**CHECKLIST COMPLETE**

**BEFORE TAKE OFF:**

- 1. **ENGINE RUN UP** **COMPLETED**  
PARKING BRAKE SET.  
SAFETY CLEAR BEHIND.

ENGINE TEMPERATURE AND PRESSUARE, GREEN.  
THROTTLE 1800 RPM.  
MAGNETOS CHECK (MAX DROP 175 RPM, MAX DIFF 50 RPM).  
CARBURATOR HEAT, CHECK RPM DROPPING.  
SUCTION CHECK (PRESSURE GREEN ARC).  
AMPEREMETER CHECK.  
MIXTURE LEAN (PULL OUT AND BACK IN).  
THROTTLE IDLE (CHECK MIN. 700 RPM)  
THROTTLE 1000 RPM.  
THROTTLE FRICTION ADJUST.

- |           |   |                    |
|-----------|---|--------------------|
| <b>2.</b> | <b>MIXTURE</b>  | <b>RICH</b>        |
| <b>3.</b> | <b>FUEL SELECTOR</b>  | <b>L / R</b>       |
| <b>4.</b> | <b>FLAP</b><br>SELECT FLAP FOR TAKE OFF, NORMALLY UP.                       | <b>SET</b>         |
| <b>5.</b> | <b>CLEARANCE</b><br>ATC CLEARANCE RECEIVED AND WRITTEN DOWN.                | <b>RECEIVED</b>    |
| <b>6.</b> | <b>DEP. BRIEFING / NAV AIDS</b><br>DEPARTURE AND ENGINE FAILURE IS BRIEFED. | <b>GIVEN / SET</b> |

**ENGINE FAILURE ON THE RUNWAY:**

THROTTLE CLOSED  
BRAKES APPLY TO STOP  
SHUT DOWN IF TIME PERMIT  
MIXTURE ICO  
FUEL SELECTOR OFF  
FUEL PUMP OFF  
MASTER AND ALTERNATOR OFF  
MAGNETOS OFF

**ENGINE FAILURE AFTER TAKE OFF:**

NOSE DOWN, MAINTAIN 72 KTS  
THROTTLE CLOSED  
FLAP AS REQUIRED  
LAND STRAIGHT AHEAD  
SHUT DOWN IF TIME PERMITS  
MIXTURE ICO  
FUEL SELECTOR OFF  
FUEL PUMP OFF  
MASTER AND ALTERNATOR OFF  
MAGNETOS OFF

- |           |  |            |
|-----------|--|------------|
| <b>7.</b> | <b>ALTIMETERS</b><br>SET ALTIMETERS TO QNH, CHECK TO READ WITHIN 60 FEET<br>OF FIELD ELEVATION. MAX DIFFERENCE BETWEEN<br>ALTIMETERS 60 FEET | <b>SET</b> |
|-----------|--|------------|

**CHECKLIST COMPLETE**

**TAXI / LINING UP**

- |           |                      |           |
|-----------|----------------------|-----------|
| <b>1.</b> | <b>LANDING LIGHT</b> | <b>ON</b> |
|-----------|----------------------|-----------|

- |    |   |                |
|----|---|----------------|
| 2. | <b>BRAKES</b><br>CHECK BRAKES BOTH SIDES  | <b>CHECKED</b> |
| 3. | <b>TRANSPONDER</b>  | <b>ALT.</b>    |
| 4. | <b>FLIGHT INSTRUMENTS</b><br>CHECK GYRO, TURN COORDINATOR AND HORIZON   | <b>CHECKED</b> |
| 5. | <b>STROBE / PITOT HEAT</b><br>IF ONLY CLEARED LINE UP, WAIT WITH PITOT HEAT<br>UNTIL TAKE OFF CLEARANCE IS RECEIVED | <b>ON</b>      |
| 6. | <b>GYROS</b><br>CALL OUT RELEVANT RUNWAY, CHECK GYRO READING<br>AND COMPARE WITHIN LIMITS OF STBY COMPASS           | <b>CHECKED</b> |

**CHECKLIST COMPLETE**

**TAKE OFF**

RELEASE BRAKES AND ADVANCE THROTTLE TO FULL AND  
CHECK GAGES. CALL OUT POWER SET ENGINE  
INSTRUMENTS GREEN.  
60 KTS ROTATE  
ESTABLISH CLIMB SPEED OF 75 KTS UP TO 300 FT AGL,  
THEN 85 KTS.

**CLIMB:**

- |    |   |                     |
|----|---|---------------------|
| 1. | <b>FLAP</b><br>AT 300 FT AGL, (ACC. FROM 75 TO 85)  | <b>UP</b>           |
| 2. | <b>FUEL PUMP</b><br>AT 500 FT AGL, (MIN. HEIGHT FOR TURN)   | <b>OFF</b>          |
| 3. | <b>MIXTURE</b><br>NORMALLY RICH   | <b>LEAN AS REQ.</b> |
| 4. | <b>ENGINE INSTRUMENTS</b>   | <b>GREEN</b>        |
|    | <b>AT 1500 FT AGL</b>   |                     |
| 5. | <b>LANDING LIGHT</b>  | <b>OFF</b>          |
| 6. | <b>ALTIMETERS</b><br>SET AND CHECK BOTH ALTIMETERS FOR RIGHT<br>QNH. CALL OUT; ALTIMETER QNH **** Hpa READING<br>**** FT LEFT SIDE, AND ALTIMETER QNH ..... | <b>SET</b>          |

....RIGHT SIDE.

**CHECKLIST COMPLETE**

**CRUISE:**

1. **POWER** **SET**  
PASSING 90 KTS, SET CRUISE POWER, 2200 RPM
2. **ENGINE INSTRUMENTS** **GREEN**
3. **FUEL QUANTITY AND BALANCE** **CHECKED**
4. **HEADING SYSTEMS** **CHECKED**  
COMPARE STBY COMPASS AND GYRO

**CHECKLIST COMPLETE**

**APPROACH:**

1. **ATIS** **RECEIVED**  
MONITOR ATIS AND WRITE IT DOWN  
(MIN ATIS; INFORMATION, RUNWAY IN USE AND QNH)
2. **ALTIMETERS** **SET**
3. **APPROACH BRIEFING** **GIVEN**  
VFR; BRIEF THE CLEARED OR EXPECTED ROUTE AND  
ALTITUDES, CHECKPOINTS AND RUNWAY IN USE,  
T / G OR FULL STOP
4. **HEADING SYSTEMS** **CHECKED**
5. **LANDING LIGHT** **AS REQUIRED**  
IF TRAFFIC DEMANDS, OR IN DOUBT, TURN THE LANDING  
LIGHT ON IN ORDER TO MAKE YOURSELF MORE VISIBLE

**CHECKLIST COMPLETE**

**PRE LANDING:**

1. **ENGINE INSTRUMENTS** **GREEN**
2. **MIXTURE** **RICH**
3. **CARBURATOR HEAT** **CHECKED**

PULL OUT AND IN AGAIN (CHECK RPM DROP)

- |    |  |                |
|----|--|----------------|
| 4. | <b>FUEL SELECTOR</b>   | <b>L / R</b>   |
| 5. | <b>LANDING LIGHT</b><br>THE LANDING LIGHT SHOULD BE SWITCHED ON NO LATER<br>THAN ON THE DOWNWIND LEG | <b>ON</b>      |
| 6. | <b>FUEL PUMP</b>   | <b>ON</b>      |
| 7. | <b>SEAT BELTS</b>  | <b>LOCKED</b>  |
| 8. | <b>BRAKES</b><br>CHECK FOR BRAKE PRESSUARE   | <b>CHECKED</b> |
| 9. | <b>FLAP</b><br>NORMALLY FLAP 1/3 IS SELECTED AT THE KEY POINT  | <b>AS REQ.</b> |

**CHECKLIST COMPLETE**

**AFTER LANDING:**

- |    |                            |             |
|----|----------------------------|-------------|
| 1. | <b>TRANSPONDER</b>         | <b>STBY</b> |
| 2. | <b>CARBURATOR HEAT</b>     | <b>OFF</b>  |
| 3. | <b>STROBE / PITOT HEAT</b> | <b>OFF</b>  |
| 4. | <b>FUEL PUMP</b>           | <b>OFF</b>  |
| 5. | <b>FLAP</b>                | <b>UP</b>   |

**CHECKLIST COMPLETE**

**SHUT DOWN:**

- |    |  |               |
|----|--|---------------|
| 1. | <b>PARKING BRAKE</b>   | <b>ON</b>     |
| 2. | <b>LANDING LIGHT</b>   | <b>OFF</b>    |
| 3. | <b>AVIONICS</b>  | <b>OFF</b>    |
| 4. | <b>MAGNETOS</b><br>1000 RPM, BOTH TO OFF TO BOTH WITHOUT STOPING<br>THE ENGINE | <b>GROUND</b> |

- |            |  |                  |
|------------|--|------------------|
| <b>5.</b>  | <b>MIXTURE</b>   | <b>ICO</b>       |
| <b>6.</b>  | <b>MAGNETOS</b>  | <b>OFF</b>       |
| <b>7.</b>  | <b>ELECTRICAL EQUIPMENT</b>                                    | <b>OFF</b>       |
| <b>8.</b>  | <b>FLAP</b>  | <b>DOWN</b>      |
| <b>9.</b>  | <b>MASTER</b>  | <b>OFF</b>       |
| <b>10.</b> | <b>STICK-LOCK</b>  | <b>ON</b>        |
| <b>11.</b> | <b>FUEL SELECTOR</b>   | <b>OFF</b>       |
| <b>12.</b> | <b>DOCUMENTS</b><br>RESEDAGBOKEN IS FINISHED                   | <b>COMPLETED</b> |
| <b>13.</b> | <b>CHOCKS</b><br>IF THE AIRCRAFT IS NOT TOWED IN TO THE HANGAR | <b>ON</b>        |

**CHECKLIST COMPLETE**