



**APPROACH/LANDING**

ATIS/AWOS/ASOS..... OBTAIN  
 Brief/Seat Belts..... CHECK  
 Mixture..... RICH  
 Props..... 2400 RPM  
 Fuel Pumps..... ON  
 Fuel Selectors **ON MAIN FUEL CELLS**  
 Landing Lights..... AS REQUIRED  
 Gear (Vlo 150MPH)..... GREEN  
 Flaps (Vfe 125 MPH)..... SET  
 Final Approach ..... 100 MPH

**GO AROUND**

Power ..... FULL  
 Gear (Positive Climb)..... UP  
 Flaps ..... RETRACT SLOW  
 Vy..... 112 MPH

**MANUAL GEAR EXTENSION**

Master/Gear Circuit Breakers ..... IN  
 Master ..... ON  
 Navigation Lights ..... OFF Day  
 Emergency Disengage Control ..... REMOVE COVER  
 Airspeed ..... 100 MPH  
 Landing Gear Switch..... OFF  
 Disengage Motor..... FULL FORWARD  
 Gear Extension Handle R Socket .... FULL FORWARD  
 Gear Extension Handle L Socket.... FULL FORWARD  
 Gear Lights..... GREEN

**DON'T RETRACT WITH HANDLE IN SOCKET**  
**DON'T RE-ENGAGE MOTOR IN FLIGHT**

**AFTER LANDING**

Flaps ..... RETRACT  
 Cowl Flaps..... OPEN  
 Fuel Pumps..... OFF  
 Props..... FORWARD  
 Transponder ..... STBY  
 Strobe/Landing Lights ..... OFF

**COMPLETE STOP**

Radio/Elec. Equip. .... OFF  
 Heater..... OFF  
 Mixture/Ignition/MASTER..... OFF  
 Parking Brake..... ON  
 Chocks/Chains/Papers..... COMPLETE

**CLOSE FLIGHT PLAN**
**LOST COM**

Check: Freq., Volume, Squelch, Phones  
 Transponder ..... 7600  
 Pattern..... Enter/Lights

**ENGINE FAILURES**
**DURING TAKE OFF OR AFTER LIFT OFF**

During Run..... STOP  
 After Lift Off With Adequate Landing  
 Distance ..... LAND

**DURING CLIMB AFTER TAKE OFF**

Vyse ..... 105 MPH  
 Mixture/Props/Throttles ..... FORWARD  
 Flaps..... UP  
 Gear ..... DECIDE

**IDENTIFY DEAD ENGINE**

Propeller (Dead Engine)..... FEATHER  
 Rudder Trim..... USE

**RETURN TO AIRPORT FOR LANDING**
**DURING CRUISE FLIGHT**

Mixture/Props/Throttles ..... ADVANCE

**IDENTIFY DEAD ENGINE**

Rudder Trim..... USE  
 Cause Of Engine Failure..... DETERMIN  
 Propeller (Dead Engine)..... FEATHER  
 Mixture (Dead Engine) ..... IDE/CUT OFF  
 Ignition (Dead Engine)..... OFF  
 Operating Engine..... SET POWER  
 Electrical Load..... REDUCE

**SINGLE ENGINE APPROACH**

Power..... REDUCE  
 Rudder Trim..... USE  
 Reaching Airport..... ASSURED  
 Gear ..... DOWN  
 Additional Altitude/Speed ..... MAINTAIN  
 Final Approach Speed..... 105 MPH  
 Flaps..... AVOID  
 Go Around... FLAPS/GEAR ..... UP

**FEATHERING POSSIBLE OVER 1000 RPM**
**UNFEATHERING**

Ignition..... ON  
 Mixture ..... RICH  
 Throttle ..... OPEN ½ IN.  
 Prop ..... CRUISE  
 Starter ..... ENGAGE  
**Power 1000-1500 rpm Until Oil Temp Rise**

**DON'T FEATHER A PROP FOR PRACTICE:**

- if you think engine may be difficult to start
- at a low altitude AGL
- with a low charged battery
- unless you are within reasonable distance of an airport
- in conditions that may prevent single engine flight at altitude well above the ground