

ENGINE FAILURE DURING TAKEOFF RUN

1. Throttle -- IDLE.
2. Brakes -- APPLY.
3. Wing Flaps -- RETRACT.
4. Mixture -- IDLE CUT-OFF.
5. Ignition Switch -- OFF.
6. Master Switch -- OFF.

ENGINE FAILURE IMMEDIATELY AFTER TAKEOFF

1. Airspeed -- 81 MPH.
2. Mixture -- IDLE CUT-OFF.
3. Fuel Selector Valve -- OFF.
4. Ignition Switch -- OFF.
5. Wing Flaps -- AS REQUIRED.
6. Master Switch -- OFF.
7. Canopy -- UNLATCH PRIOR TO TOUCHDOWN.

ENGINE FAILURE DURING FLIGHT

1. Airspeed --89 MPH.
2. Carburetor Heat -- ON.
3. Fuel Selector Valve -- SWITCH TANKS.
4. Mixture -- RICH.
5. Auxiliary Fuel Pump -- ON
6. Primer -- IN and LOCKED.

If Propeller is stopped:

7. Throttle -- OPEN 1/4 INCH.
8. Ignition Switch -- BOTH.
9. Start Button -- DEPRESS.

10. Transmit MAYDAY on 121.5 Mhz. as needed.

EMERGENCY LANDING WITHOUT ENGINE POWER

1. Airspeed -- 81 MPH.
2. Mixture -- IDLE CUT-OFF.
3. Fuel Selector Valve -- OFF.
4. Ignition Switch -- OFF.
5. Wing Flaps -- AS REQUIRED.
6. Master Switch -- OFF.
7. Canopy -- UNLATCH PRIOR TO TOUCHDOWN.
8. Touchdown -- SLIGHTLY NOSE HIGH.
9. Brakes -- AS REQUIRED.

PRECAUTIONARY LANDING WITH ENGINE POWER

1. Airspeed -- 81 MPH.
2. Wing Flaps -- AS REQUIRED.
3. Selected Field -- FLY OVER (noting terrain and obstructions, then retract flaps upon reaching a safe altitude and airspeed).
4. Advise ATC of intentions as needed.
4. Radio and Electrical Switches -- OFF.
5. Wing Flaps -- DOWN (on final approach).
6. Airspeed -- 81 MPH.
7. Master Switch -- OFF.
8. Canopy -- UNLATCH PRIOR TO TOUCHDOWN.
9. Touchdown -- SLIGHTLY NOSE HIGH.
10. Ignition Switch -- OFF.
11. Brakes -- APPLY HEAVILY.

DITCHING WITH ENGINE POWER

1. Radio -- TRANSMIT MAYDAY on 121.5 MHz, and SQUAWK 7700.
2. Heavy Objects (in baggage area) -- SECURE OR JETTISON.
3. Approach -- High Winds, Heavy Seas -- INTO THE WIND.;
Light Winds, Heavy Swells -- PARALLEL TO SWELLS.
4. Wing Flaps -- DOWN.
5. Power -- ESTABLISH 350 FT/MIN DESCENT AT 81 MPH.
6. Canopy -- FULLY OPEN.
7. Touchdown -- NOSE HIGH ATTITUDE AT MINIMUM DESCENT RATE AND AIRSPEED.
8. Face -- CUSHION (at touchdown with folded coat or cushion).
9. Airplane -- EVACUATE through canopy.
10. Life Vests and Raft -- INFLATE.

DITCHING WITHOUT ENGINE POWER

1. Radio -- TRANSMIT MAYDAY on 121.5 MHz, and SQUAWK 7700.
2. Heavy Objects (in baggage area) -- SECURE OR JETTISON.
3. Approach -- High Winds, Heavy Seas -- INTO THE WIND.;
Light Winds, Heavy Swells -- PARALLEL TO SWELLS.
4. Wing Flaps -- UP.
5. Airspeed -- 71 MPH. (minimum sink speed)
6. Canopy -- FULLY OPEN.
7. Touchdown -- NOSE HIGH ATTITUDE AT MINIMUM DESCENT RATE AND AIRSPEED.
8. Face -- CUSHION (at touchdown with folded coat or cushion).
9. Airplane -- EVACUATE (through canopy).
10. Life Vests and Raft -- INFLATE.