

Memorization Items Cherokee 180

1. Engine Failure During Takeoff Roll
 - Throttle - Idle
 - Brakes - Apply

2. Engine Failure Immediately After Takeoff Airspeed
 - 80 MPH (Flaps Up)
 - 76 MPH (Flaps Down)

3. Engine Failure During Flight (restart procedures)
 - Airspeed - 80 MPH
 - Fuel Selector Valve Switch to another tank
 - Electric Fuel Pump Check On
 - Mixture - Rich
 - Carburetor Heat - On
 - Throttle - 1/2 way in
 - Primer - In and Locked
 - Master Switch On
 - Magneto Switch Both
 - If propeller is spinning engine should start up
 - If propeller has stopped you must try to start the engine using the key

4. Engine Fire During Start on Ground
 - Cranking - Continue
 - If Engine Starts
 - Power to 2000 RPM for Two Minutes
 - Engine Shutdown
 - If Engine Fails To Starts
 - Throttle - Full Open
 - Mixture - Idle Cut-off
 - Electric Fuel Pump - Off
 - Fuel Selector Valve - Off
 - Abandon aircraft if fire continues.

5. Engine Fire in Flight
 - Mixture - Idle Cut-off
 - Fuel Selector Valve - Off
 - Electric Fuel Pump - Off
 - Master Switch - Off
 - Magneto Switch - Off
 - Throttle - Closed

6. Electrical Fire In Flight
 - Master Switch - off
 - Avionics Power Switch - Off
 - Vents - Open
 - Cabin Heat - Off
 - Fire Extinguisher - Activate

7. Wings Fire
 - Navigation Light Switch - Off
 - Anti-collision Light Switch - Off
 - Pitot Heat Switch - Off

8. Go Around
 - Throttle - Full open
 - Carburetor Heat - Off
 - Flaps - Retract to 250
 - Climb Speed - 76 MPH (until obstacles cleared)
 - Flaps - Retract
 - Climb Speed - 85 MPH