

# C-172 CESSNA SKYHAWK

## Quick Reference EMERGENCY Checklist

For use only with an approved Cessna Checklist

### ENGINE FAILURE

#### During Takeoff Ground Roll:

1. Throttle.....Closed
2. Brakes.....Apply
3. Fuel Selector Valve.....Off
4. Magnetos.....Off
5. Master Switch.....Off

#### After Liftoff Initial Climb:

1. Airspeed.....65 Knots

#### NOTE:

If possible land straight ahead, or maneuver away from obstacles.

2. Brakes.....Apply
3. Fuel Selector Valve.....Off
4. Magnetos.....Off
5. Master Switch.....Off

### \* ENGINE FAILURE

#### During Flight:

1. Airspeed.....65 Knots
2. Landing Site.....Select
3. Fuel Selector...Check Both, Lt/Rt
4. Mixture.....Rich
5. Carburetor Heat.....Check On
6. Mags.....Check Lt/Rt or Both

#### NOTE:

Most engine failures occur due to loss of Fuel Flow, Improper Ignition, or Carburetor Icing

#### IF ENGINE DOESN'T RESTART

7. Communicate.....Advise ATC
8. Transponder.....Squawk.7700
9. Passengers.....Brief

### \* FORCED LANDINGS

1. Airspeed.....65 Knots
2. Fuel Selector Valve.....Off
3. Flaps.....Down
4. Mixture.....Idle Cut-Off
5. Carburetor Heat.....Off
6. Battery Switch.....Off
7. Alternator Switch.....Off
8. Magnetos.....Off
9. Door.....Unlatch

### ENGINE FIRE IN FLIGHT

1. Fuel Selector.....Off
2. Mixture.....Idle Cut-Off
3. Magnetos.....Off
4. Master Switch.....Off
5. Cabin Heat.....Off
6. Cabin Vent Controls.....Off
7. Fire Extinguisher.....As Required
8. Airspeed.....65 Knots
9. Land Aircraft.....ASAP

### ELECTRICAL FIRE

1. Master Switch.....Off
2. All Electrical Switches.....Off

#### NOTE:

Electrically driven flight instruments will become inoperative.

3. Cabin Heat.....Off
4. Cabin Vent Controls.....Off
5. Fire Extinguisher.....As Required
6. Master Switch.....On
7. Electrical Equipment.....On

#### NOTE:

Turn on electrical equipment on at a time to isolate defective equipment.

### EMERGENCY DESCENT

1. Carburetor Heat.....Full Hot
2. Throttle.....Idle
3. Pitch.....For 160 Knots

### ELECTRICAL SYSTEM

#### Over Voltage Light Illuminates:

1. Avionics Power Switch.....Off
2. Master Switch.....Off
3. Master Switch.....Back On
4. Over Voltage Light.....Check Off
5. Avionics Power Switch.....On

#### IF LIGHT COMES ON AGAIN

6. Land Aircraft.....ASAP

#### Ammeter Shows Discharge:

1. Alternator.....Off
2. Nonessential Electrical.....Off
3. Land Aircraft.....ASAP

### SPINS

Immediately move the control column full forward and simultaneously apply full rudder opposite to the direction of the spin; continue to hold this control position until rotation stops and then neutralize all controls and execute a smooth pullout. Ailerons should be neutral and throttle in idle position at all times during recovery.

### V-SPEEDS:

Vso.....	41 Knots
Vs1.....	47 Knots
Vx.....	59 Knots
Vy.....	73 Knots
Vfe.....	85Knots
Va.....	2300 lbs 97 Knots
	1950 lbs 89 Knots
	1600 lbs 80 Knots
Vno.....	128 Knots
Vne.....	160 Knots
Balked Landing.....	55 Knots
Best Glide.....	65 Knots
Max X-Wind.....	15 Knots

### WEIGHT INFORMATION

Gross Weight.....	2300 lbs
BEW.....	426SK - lbs
BEW.....	7589D - 1451 lbs

### POWER SETTINGS

Takeoff.....	Full Power
Climb.....	Full Power
Cruise.....	2450 RPM
Cruise Descent.....	2000 RPM
Nonprecision App....	1500 RPM
Precision App.....	1700 RPM

**BERGSTROM**  
**AIRCRAFT INC. ©**

4102 Stearman Drive  
Pasco Washington, 99301  
509) 547-6271 (800) 746-6271

FOR EXPANDED EMERGENCY PROCEDURES REFER TO THE POH.