

CE-172-N Skyhawk

Engine Fire on Ground

If Engine has NOT Started

Starter.....Continue Cranking
Throttle.....Full Open
Mixture.....Idle Cut Off

EGRESS

If Engine has Started

Throttle.....1700 RPM for a few Minutes
Mixture.....Idle Cut Off, Inspect for damage

EGRESS

BEFORE TAXI

Airport Diagram.....In Hand
Flight Instruments.....Check
Airspeed Indicator.....Zero
Attitude Indicator.....Level
Altimeter.....Field Elevation
Turn Coordinator.....Level/Centered
Heading Indicator.....Aligned
Vertical Speed.....Note Zero
Magnetic Compass.....Check
Avionics.....Set
Transponder.....ALT/VFR
Comm/Nav 1&2.....Set
ATIS.....Acquire
Altimeter Setting.....Adjust
Lights.....As Required
Brakes.....Checked

RUN-UP

Parking Brake.....Set
Seats & Seatbelts.....Check Secure
Cabin Doors.....Closed & Locked
Flight Controls.....Free & Correct
Fuel Quantity.....Check
Mixture.....Rich
Flaps.....Up
Fuel Selector.....Both
Throttle.....1700 RPM
Magnetos.....(MAX DROP 125/MAX DIFF 50)
Carb Heat.....Check
Engine Instruments/Vacuum.....Check
Throttle.....Idle Check
Ignition.....Off
Throttle.....1000 RPM
Radios & Avionics.....Set
Trim.....Set
Selector.....Left
Flaps.....Set
Clearance.....Acquire
Captains Briefing.....Completed
 Wx Considerations
 Direction of Flight
 Crew Duties
 Emergency Considerations
 Rotate Speed- 55_{KIAS}
 Climb Out- V_x/V_y
Brakes.....Release

BEFORE TAKEOFF

Lights.....LDG/TAXI On
Transponder.....Set
Mixture.....Rich

ENROUTE CLIMB

Airspeed.....80_{KIAS}
Lights.....As Required
Throttle.....Full Open
Mixture.....Lean Above 3000

Flaps.....Retracted

CRUISE

Lights.....As Required
Throttle.....2200-2700
Mixture.....Leaned
Trim.....Set

DESCENT

Lights.....As Required
Altimeter.....Set
Throttle.....As Desired
Mixture.....Adjust
Fuel Selector.....Both

BEFORE LANDING

Seat Belts.....Secure
Fuel Selector.....Both
Mixture.....Rich
Carb Heat.....Hot

Landing/Taxi Lights.....On

After Landing

Lights.....As Required
Transponder.....VFR
Mixture.....Lean for Taxi

Trim.....Neutral

Shutdown

Electrical Equip.....Off
Avionics Master Switch.....Off
Mixture.....Idle Cut Off

Master Switch.....Off
Control Lock.....Install
Fuel

ENGINE FAILURE ON TAKEOFF

Airspeed.....65
Mixture.....Idle Cut Off
Fuel Selector.....Off
Ignition.....Off
Master Switch.....Off

Engine Failure In Flight

Airspeed.....65
Carb Heat.....On
Fuel Selector.....Both
Mixture.....Rich
Ignition Switch.....Both/Start if Prop is Stopped
Primer.....In & Locked

Engine Fire In Flight

Mixture.....Idle Cut Off
Fuel Selector Valve.....Off
Master Switch.....Off
Airspeed.....100
Forced Landing.....Execute

Electrical Fire in Flight

Master Switch.....Off
Avionics Master Switch.....Off
All Other Switches (besides ignition).....Off
Vents/Cabin Air/Heat.....Closed
Fire Extinguisher.....Activate

Ventilate Cabin once extinguisher is discharged