

Emergency Procedures

Fire Engine Failure

ENGINE FIRE DURING START

- Fuel Selector.....**OFF**
- Throttle.....Full Open
- Master Switch.....**OFF**
- ** Wait for engine to stop **
- Ignition.....**OFF**
- Canopy.....Open & Evacuate

ENGINE FIRE DURING TAXI

- Aircraft.....STOP
- Mixture.....Idle Cut **OFF**
- Fuel Selector.....**OFF**
- Master Switch.....**OFF**
- Ignition.....**OFF**
- Canopy.....Open & Evacuate

ENGINE FIRE DURING FLIGHT

- Fuel Selector.....**OFF**
- Mixture.....Idle Cut Off
- Throttle.....Full Open
- Fuel Pump.....**OFF**
- Airspeed.....73 KIAS
- Best Landing Site.....Selected
- MayDay.....Transmit (121.5)
- Transponder.....7700
- ELT.....Activate
- Seatbelts.....Secure
- Flaps.....As Required
- Electrial Equipment.....ALL **OFF**
- Force Landing.....Execute

ELECTRICAL FIRE

- MayDay.....Transmit
- Master/Alternator.....**OFF**
- Cabin Heat.....**OFF**
- Vents.....Open As Needed
- LAND AS SOON AS PRACTICAL**

Sufficient Altitude for Restart?

NO: See "Securing Engine" Procedure
YES: Attempt Restart

- Airspeed.....80 KIAS
- Electrical Equipment.....**OFF**
- Avionics Master.....**OFF**
- Battery Master.....Verify **ON**
- Mixture.....Enrichen As Required
- Fuel Selector.....Opposite Tank
- Fuel Pump.....**ON**
- Throttle.....Adjust / Set
- Prop.....High RPM
- Magnetos.....Left / Right / Both
- Best Landing Site.....Selected

Did Engine Restart?

YES: LAND AS SOON AS PRACTICAL
NO: Prepare for a Forced Landing
 MayDay.....Transmit (121.5)
 Transponder.....7700
 ELT.....Activate
 See "Securing Engine" Procedure

SECURING ENGINE

- Best Landing Site.....Selected
- Airspeed.....73 KIAS
- Mixture.....Idle Cut Off
- Fuel Selector.....**OFF**
- Magnetos.....**OFF**
- Flaps.....As Required
- Master Switch.....**OFF**
- Seatbelts.....Secure
- Land.....Evacuate Aircraft



Preflight

Fuel & Oil (visual).....Check
 To reduce delay if fuel/oil is needed
Call SunAir (805) 389-9301

CABIN

- Hobbs/Tach.....Verify
- Certs/Documents.....Check
- Control Lock.....Remove
- Master (BAT).....**ON**
- Flaps.....Extend
- Lights and Pitot Heat**ON** & Check
- Master (BAT).....**OFF**

LEFT WING

- Strut & Tire.....Check
- Fuel Strainer.....Sample
- Stall Indicator.....Check
- Leading Edge.....Check
- Pitot Mast.....Clear
- Lights.....Check
- Aileron.....Check
- Flap Hinges.....Check

TAIL

- Antennas.....Check
- Elevator.....Check
- Rudder.....Check

RIGHT WING

- Flap Hinges.....Check
- Aileron.....Check
- Lights.....Check
- Leading Edge.....Check
- Strut & Tire.....Check
- Fuel Strainer.....Sample

NOSE

- Oil Quantity.....5-7 qts
- Prop Blade.....Check
- Prop Hub.....Check
- Air Intake.....Clear
- Nose Gear Strut.....Check

FINAL RAMP CHECK

Ramp/TieDown/Chocks.....All Clear

Engine Start

PRE-ENGINE START

- Headsets.....Plugged In
- Seat Belts.....**ON**
- Canopy.....Closed & Latched
- Keys.....In and Ready
- Avionics Master.....Verify **OFF**
- Master (ALT & BAT).....**ON**
- Foot Pedals.....Adjusted
- Strobe Lights.....**ON**
- Nav Lights (night).....(As Required)

COLD ENGINE START

- Mixture.....Rich
- Throttle.....Full Open
- Fuel Pump.....4 Seconds
- Throttle.....Closed, then 1/4" Open
- Mixture.....Closed, then 1/4" Open
- Brakes.....Engaged
- Prop Area.....Clear

Starter.....START

- Mixture.....Smoothly Advance
to Rich When Engine Fires
- Throttle.....1000 RPM
- Oil Pressure.....Check
- Mixture.....Lean 50%
- Avionics Master.....**ON**
- Circuit Breakers.....Check
- Standby Att. Ind.....CAGE

PRE-TAXI

- Brakes.....Check
- ATIS/ASOS (if available).....Listen

TAXI (IFR)

- Heading Indicator.....Turns
- Turn Coordinator -Turns & Ball Skids

