

EMERGENCY PROCEDURES

PA-32-300 Cherokee Six 300

Engine Fire During Start

Starter -- crank engine
Mixture -- idle cut-off
Throttle -- full open
Fuel Pump -- OFF
Fuel Selector -- OFF
Abandon if fire continues

Engine Power Loss: Takeoff

Fuel Selector – switch to opposite tank
Fuel Pump -- ON
Mixture – FULL RICH
Alternate Air – ON
If no restart, follow POWER-OFF LANDING procedure

Engine Power Loss: In-Flight

Airspeed: 87 KIAS, Best Glide speed

Best Site

Checklist:

- Fuel Selector – switch tanks
- Fuel Pump -ON
- Magnetos --cycle
- Mixture – FULL RICH
- Alternate Air -- ON
- Engine Gauges -- check for cause of loss

If restart is unsuccessful:

Propeller – FULL DECREASE RPM

Declare: Talk on 121.5; Squawk 7700; ELT –ON

Evacuate: follow POWER OFF LANDING procedure

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Power-Off Landing

Ignition -- OFF
Master Switch -- OFF
Fuel Selector -- OFF
Mixture -- idle cut-off
Lap Belt and Shoulder Harnesses -- secure
Door -- secured open
Speed -- 80 KIAS for shortest landing, full flaps

Fire In Flight

(electrical fire)

Master Switch -- OFF
Air Vents -- OPEN
Cabin Heat -- OFF
Defroster -- OFF
Land as soon as possible

(engine fire)

Establish an Emergency Descent
Fuel Selector -- OFF
Throttle -- closed
Mixture -- idle cut-off
Fuel Pump -- OFF
Cabin Heat -- OFF
Defroster -- OFF
Windows / Air Vents -- OPEN
Follow POWER-OFF LANDING procedure

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Loss Of Fuel Pressure

Fuel Pump -- ON
Fuel Selector -- check to make sure on fullest tank

Loss Of Oil Pressure

Lands as soon as possible and investigate

High Oil Temperature

Lands as soon as possible and investigate

Alternator Failure

- 1.) ALT light illuminated:
Ammeter -- check to verify inoperative
- 2.) Reduce electrical load as much as possible
- 3.) If ammeter shows zero:
ALT circuit breaker -- check
ALT switch – OFF (for 1 second), then ON
- 4.) If still no alternator output:
ALT switch -- OFF
Electrical Load – reduced
Land as soon as practical – battery is only

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Spin Recovery

Throttle -- idle
Ailerons -- neutral
Rudder -- full opposite direction of rotation
Control Wheel -- full forward
Rudder -- neutral when rotation stops
Control Wheel -- as required to smoothly regain
level flight attitude

Open Door

Airspeed -- slow to 87 KIAS
Air Vents -- closed
Window -- open
If upper latch open – pull on arm rest and latch
If lower latch open -- pull on arm rest and latch
If both latches open -- latch lower, then upper

Propeller Overspeed

Throttle – retard
Oil Pressure – Check
Prop control – full DECREASE RPM, then set if
any control is available
Airspeed – reduced
Throttle -as required to remain below 2700 RPM
Prepare for a power-off landing

source of power