

PA-34 PIPER SENECA

Quick Reference EMERGENCY Checklist

For use only with an approved Piper Checklist

ENGINE FAILURE

TAKEOFF GROUND ROLL

1. Throttles.....Closed
2. Braking.....Maximum
3. Fuel Selectors.....Off
4. Master Switch.....Off
5. Alternators.....Off

INITIAL CLIMB

(Before Gear Retraction)

1. Airspeed.....105 MPH
2. Landing Gear.....Down
3. Throttles.....Closed
4. Braking.....Maximum
5. Fuel Selectors.....Off
6. Master Switch.....Off
7. Alternators.....Off

ENGINE FAILURE IN FLIGHT

DURING CLIMB

(After Gear Retraction)

1. Airspeed.....105 MPH
2. Mixtures.....Forward
3. Propellers.....Forward
4. Throttles.....40" MP Max
5. Ldg Gear.....Up
6. Flaps.....Up
7. Identify.....Failed Engine
8. Verify.....With Throttle
9. Feather.....Prop Control Aft
10. Mixture.....Idle Cut Off
11. Flow Check.....Complete
12. Return to landing....If Practicable
12. Passengers.....Brief

ENROUTE

1. Airspeed.....105 MPH
2. Mixtures.....Forward
3. Propellers.....Forward
4. Throttles.....40" MP Max
5. Ldg Gear.....Up
6. Flaps.....Up
7. Identify.....Failed Engine
8. Verify.....With Throttle
9. Feather.....Consider
10. Flow Check.....Attempt Restart

(If Engine Doesn't Restart)

11. Failed Engine.....Feather
12. Flow Check.....Secure Engine

FEATHERING PROCEDURE

1. Vmca.....80 MPH
2. Vyse.....105 MPH
3. Mixture.....Idle Cut Off
4. Propeller.....Full Aft
5. Flow Check.....Complete

Note:

The propeller must be feathered before engine RPM drops below 800 RPM.

UNFEATHERING PROPS

1. Fuel Selector.....On
2. Aux Fuel Pump.....Off
3. Throttle.....1/4 inch
4. Propeller.....Cruise Position
5. Mixture.....Rich
6. Magneto Switches.....On
7. Radio Master.....Off
8. Primer Button.....As Required
9. Starter.....Engage
10. Warm Up.....20" MP
11. Alternator.....On
12. Radio Master.....On

Note:

Radio Master must be off so as to not electrically spike the radio circuits while running the starter

ENGINE FIRE

ON THE GROUND

(If Engine has not Started)

1. Mixture.....Idle Cut-Off
2. Throttle.....Full Open
3. Starter.....Continue Cranking

(If Engine has Started)

4. Engine.....Continue Running

(If Fire Persist)

5. Mixtures.....Idle Cut-Off
6. Fuel Selectors.....Off
7. Alternators.....Off
8. Magnetos.....Off
9. Fire Extinguisher.....As Req.

IN FLIGHT

1. Fuel Selector.....Off
2. Mixture.....Idle Cut-Off
3. Propeller.....Feather
4. Heater.....Off

EMERGENCY DESCENT

1. Power.....Idle
2. Propellers.....Forward
3. Landing Gear.....Down
4. Airspeed.....150 MPH

SINGLE ENGINE LANDING

1. Inop Engine.....Feathered
2. Ldg Gear.....Down
3. Flaps.....2nd Notch Max
4. Airspeed.....105 MPH

SYSTEMS EMERGENCIES

MANUAL GEAR EXTENSION

1. Ldg Gear CB.....Check
2. Master Switch.....On
3. Navigation Lights.....Check
4. Ldg Gear Lights.....Check
5. Ldg Gear Switch.....Down
6. Airspeed.....100 MPH
7. Manual Gear Release.....Pull
8. Ldg Gear Lights.....3 Green

PROPELLER OVERSPEED

1. Throttle.....Below Redline
2. Airspeed.....Reduce
3. Oil Pressure.....Check
4. Land.....ASAP

CROSSFEED PROCEDURES

1. Fuel Selector Inop Engine.....Off
2. Fuel Selector Op Eng.....X-Feed
3. Aux Fuel Pump.....Off

Note:

Do not run both selectors on crossfeed at the same time.

FLOW CHECK

1. Fuel Selectors
2. Trim
3. Wing Flaps
4. Cowl Flaps
5. Alternate Air
6. Mixtures
7. Propellers
8. Throttles
9. Landing Gear
10. Aux Fuel Pumps
11. Magnetos
12. Alternators

ALL OTHER EMERGENCY PROCEDURES ARE IN THE AIRCRAFT MANUAL