



PA 34 – 200 SENECA I. HA-SOA EMERGENCY CHECK LIST

ENGINE FAILURE

Mixtures _____ FULL RICH
 Prop Levers _____ FULL FORWARD
 Throttles _____ FULL
 Airspeed _____ ABOVE V_{MC} (80 MPH)
 Direction _____ MAINTAIN
 Failed Engine _____ IDENTIFY
 Roll _____ 5° TO FAILED ENG
 Failed Engine _____ FEATHER

- Throttle _____ IDLE slowly
 If yaw tendency does not appears
- Prop Lever _____ FEATHER
- Mixture _____ IDLE CUT-OFF

Shutdown Engine _____ SECURE A/R

- Cowl Flap _____ CLOSED
- Fuel Selector _____ OFF
- Alternator _____ OFF
- Electric Fuel Pump _____ OFF
- Magnetos _____ OFF

PRECAUTIONARY ENGINE SHUTDOWN

Working Engine Power Setting _____ MAX CONTINUOUS

- Mixture _____ FULL RICH
- Prop Lever _____ FULL FORWARD
- Throttle _____ FULL
- Electric Fuel Pump _____ ON

Failed Engine _____ FEATHER

- Throttle _____ IDLE
- Mixture _____ IDLE CUT-OFF
- Prop Lever _____ FEATHER

Shutdown Engine _____ SECURE A/R

- Cowl Flap _____ CLOSED
- Fuel Selector _____ OFF
- Alternator _____ OFF
- Electric Fuel Pump _____ OFF
- Magnetos _____ OFF

UNFEATHERING

Fuel Selector _____ ON
 Mixture _____ FULL RICH
 Prop Lever _____ CRUISE POSITION
 Throttle _____ ½"
 Electric Fuel Pump _____ OFF
 Magnetos _____ ON
 Starter _____ ENGAGE
 When Engine Starts Windmilling
 Throttle _____ 13" FOR WARM-UP
 Alternator _____ ON

MANUAL LANDING GEAR EXTENSION

Circuit Breakers _____ CHECK IN
 Master Switch _____ CHECK IN
 Alternators _____ ON, CHECK OUTPUT
 Navigation Lights _____ CHECK OFF (daytime)
 If Normal Extension Still Fails
 Airspeed _____ REDUCE below 100MPH
 Gear Handle _____ DOWN
 Emergency Extension Knob _____ PULL (leave out)
 Landing Gear Lights _____ 3 GREEN



PA 34 – 200 SENECA I. HA-SOA EMERGENCY CHECK LIST

GEAR UP EMERGENCY LANDING

Approach _____ NORMAL W/ POWER
 Flaps _____ LEAVE UP
 Before Touchdown
 Throttle _____ IDLE
 Magnetos (all 4) _____ OFF
 Master Switch _____ OFF
 Fuel Selectors _____ OFF
 Touch Down _____ MINIMAL SPEED

DUAL OVERVOLTAGE INDICATION

Electrical Equipment _____ OFF
 Alternators _____ OFF
 Circuit Breakers _____ CHECK
 Left Alternator _____ ON
 Left Alternator Output _____ CHECK
 Left Alternator _____ OFF
 Right Alternator _____ ON
 Right Alternator Output _____ CHECK
 Right Alternator _____ OFF
 Alternator With Less Output _____ ON
 Electrical Equipment _____ A/R, MAX. 50 AMPS
 In Case Of Equal Load
 Alternators _____ ON
 Electrical Equipment _____ ON

SINGLE OVERVOLTAGE INDICATION

Electrical Equipment _____ OFF
 Circuit Breakers _____ CHECK
 Failed Alternator _____ CYCLE
 Failed Alternator Output _____ CHECK
 If Output Is Excessive Or Zero
 Failed Alternator _____ OFF
 Electrical Equipment _____ A/R, MAX. 50 AMPS

LOSS OF ELECTRICAL POWER (battery depleted)

Circuit Breakers _____ CHECK
 Electrical Equipment _____ OFF
 Alternators _____ CYCLE
 If Output Is Zero
 Main Switch _____ CYCLE
 When Power Is Restored
 Electrical Equipment _____ A/R, MAX. 50 AMPS

VACUUM SYSTEM FAILURE

Affected Engine _____ 2700 RPM
 Altitude _____ DESCEND if possible
 Turn Indicator _____ MONITOR
 Attitude and Direction Indicator _____ MONITOR
 Use Turn Indicator to Determine Vacuum Instruments
 Performance

ENGINE FIRE (IN-FLIGHT)

Fuel Selector _____ OFF
 Throttle _____ IDLE
 Prop Lever _____ FEATHER
 Mixture _____ IDLE CUT-OFF
 Heater _____ OFF
 Defroster _____ OFF
 Land As Terrain Permits