

## PIPER SENECA ENGINE INOPERATIVE PROCEDURES

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### FEATHERING (SHUT DOWN)

Blue Line (105 MPH)  
Maintain heading

1. Mixture: Forward
2. Propeller: Forward
3. Throttle: Forward
4. Flaps: Retract (no flaps)
5. Gear Retract (gear in)
6. Identify inop engine (dead foot – dead engine)
7. Dead engine, throttle back to verify
8. Fuel selectors: on
9. Primers: locked
10. carburetor heat: on
11. Magnetos: on
12. Fuel pumps: on
13. Feather inop engine before RPM drop below 950
14. Mixture of inop engine idle cut-off

### FEATHERING (SHUTDOWN)

1. Trim 3°-5° toward good engine
2. Fuel pump: Off dead engine
3. Magnetos: Off dead engine
4. Cowl flaps: Close dead engine
5. Alternator: off dead engine
6. Fuel selector: off dead engine
7. Electric fuel pump: off good engine

### AIR START (UNFEATHERING)

1. Fuel selector: dead engine on
2. Fuel pump: dead engine on
3. Prop control: forward to cruise RPM
4. Mixture: rich
5. Throttle two full strokes and then ¼
6. Magnetos: On
7. Starter engage until prop windmills
8. Throttle reduce until engine is warm
9. If engine does not start prime as required
10. Alternator: on

\*\*LOWER NOSE FOR AIR START\*\*

### NOTES

#### Landing

1. Dead engine: feathered
2. Landing gear: extended when certain of making the field
3. Flaps lower maximum 25°
4. Final approach speed 105 MPH

#### Go Around

1. Mixture: forward
2. Propeller: forward
3. Throttle: open slowly
4. Flaps: retract
5. Landing gear: retract
6. Airspeed 105 MPH
7. Trim: set
8. Cowl flaps as needed