

# PIPER SEMINOLE

Emergency Quick Reference



## ENGINE FIRE ON GROUND

*(Engine not started)*

<b>Mixture</b>	<b>CUTOFF</b>
<b>Throttle</b>	<b>FULL OPEN</b>
<b>Starter</b>	<b>KEEP ENGAGED</b>

CONTINUE TO CRANK ENGINE  
(ENGINE STARTS)  
**CONTINUE RUNNING**  
*(IF FIRE CONTINUES)*

<b>Fuel Selectors</b>	<b>OFF</b>
<b>Aux Fuel Pumps</b>	<b>OFF</b>
<b>Mixtures</b>	<b>CUTOFF</b>
<b>Throttles</b>	<b>FULL OPEN</b>
Master Switch	OFF
Use Fire Extinguisher if practical	
Evacuate	

## EMERGENCY EVACUATE

Mixtures	CUTOFF
Fuel Selectors	OFF
Aux Fuel Pumps	OFF
Master Switch	OFF
Parking Brake	SET
Exit Main Door or Emergency Exit	

## Emergency Exit

Plastic Cover	REMOVE
EMG Exit Handle	PULL FWD
Window	PUSH OUT

## ENGINE FAILURE IN FLIGHT

**Maintain Directional Control/Pitch Attitude/Airspeed**

<b>Mixtures</b>	<b>FULL FWD</b>
<b>Props</b>	<b>FULL FWD</b>
<b>Throttles</b>	<b>FULL FWD</b>
<b>Flaps</b>	<b>UP</b>
<b>Gear</b>	<b>UP</b>
<b>Identify</b>	<b>DEAD FOOT</b>
<b>Verify/Throttle</b>	<b>CLOSE</b>

## Troubleshoot:

INOP Throttle	OPEN 1"
Aux Fuel Pumps	ON
Magnetos	ON/CHECK
Fuel Selectors	ON
Carb Heat	ON, CHECK, OFF
Fuel QTY/Pressure	CHECK
Oil Pressure/Temp	CHECK

*If Engine INOP, continue to Engine Failure Secure Checklist*

## ENGINE FAILURE SECURE

INOP Eng Prop	FEATHER
INOP Eng Mixture	CUTOFF
OP Eng Mixture	LEAN AS REQ
Op Eng Throttle	POWER AS REQ
Trim	AS REQ

*(Apply steps to INOP engine)*

Magneto	OFF
Fuel Pump	OFF
Alternator	OFF
Fuel Selector	OFF
Cowl Flap	CLOSED
Fresh Air Blower	OFF(CENTER)

## AIRSTART

*(Apply steps to affected engine)*

Throttle	1/8" OPEN
Fuel Selector	ON
Carb Heat	OFF
Magnetos	ON
Fuel Pump	ON
Alternator	ON
Mixture	FULL RICH
Airspeed	100 TO 120 KIAS
Prop	FULL FWD

*If prop does not come out of feather, engage starter for 1-2 seconds*

## WHEN ENGINE BEGINS TO RUN

Throttle	SLOWLY TO 15" MP
Maintain 15" MP until CHT is green	
PERFORM CRUISE CHECKLIST	

## PROP OVERSPEED

Throttle	REDUCE
Oil Pressure	CHECK
Prop Control	DECREASE

*Do not feather. Set RPM if any control.*

Airspeed	REDUCE
Throttle	AS REQUIRED
Eng Shutdown	IF NECESSARY

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(ENGINE STARTS)  
**CONTINUE RUNNING**  
*(IF FIRE CONTINUES)*

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<b>Aux Fuel Pumps</b>	<b>OFF</b>
<b>Mixtures</b>	<b>CUTOFF</b>
<b>Throttles</b>	<b>FULL OPEN</b>
Master Switch	OFF
Use Fire Extinguisher if practical	
Evacuate	

## EMERGENCY EVACUATE

Mixtures	CUTOFF
Fuel Selectors	OFF
Aux Fuel Pumps	OFF
Master Switch	OFF
Parking Brake	SET
Exit Main Door or Emergency Exit	

## Emergency Exit

Plastic Cover	REMOVE
EMG Exit Handle	PULL FWD
Window	PUSH OUT

## ENGINE FAILURE IN FLIGHT

**Maintain Directional Control/Pitch Attitude/Airspeed**

<b>Mixtures</b>	<b>FULL FWD</b>
<b>Props</b>	<b>FULL FWD</b>
<b>Throttles</b>	<b>FULL FWD</b>
<b>Flaps</b>	<b>UP</b>
<b>Gear</b>	<b>UP</b>
<b>Identify</b>	<b>DEAD FOOT</b>
<b>Verify/Throttle</b>	<b>CLOSE</b>

## Troubleshoot:

INOP Throttle	OPEN 1"
Aux Fuel Pumps	ON
Magnetos	ON/CHECK
Fuel Selectors	ON
Carb Heat	ON, CHECK, OFF
Fuel QTY/Pressure	CHECK
Oil Pressure/Temp	CHECK

*If Engine INOP, continue to Engine Failure Secure Checklist*

## ENGINE FAILURE SECURE

INOP Eng Prop	FEATHER
INOP Eng Mixture	CUTOFF
OP Eng Mixture	LEAN AS REQ
Op Eng Throttle	POWER AS REQ
Trim	AS REQ

*(Apply steps to INOP engine)*

Magneto	OFF
Fuel Pump	OFF
Alternator	OFF
Fuel Selector	OFF
Cowl Flap	CLOSED
Fresh Air Blower	OFF(CENTER)

## AIRSTART

*(Apply steps to affected engine)*

Throttle	1/8" OPEN
Fuel Selector	ON
Carb Heat	OFF
Magnetos	ON
Fuel Pump	ON
Alternator	ON
Mixture	FULL RICH
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*Do not feather. Set RPM if any control.*

Airspeed	REDUCE
Throttle	AS REQUIRED
Eng Shutdown	IF NECESSARY

# PIPER SEMINOLE

This abbreviated checklist does not supersede any official regulations, procedures or documents

## ENGINE FIRE IN FLIGHT

*(Apply steps to affected engine)*

Fuel Selector	OFF
Throttle	CLOSE
Prop	FEATHER
Mixture	CUTOFF
Cowl Flap	OPEN

PERFORM ENGINE FAILURE SECURE CHECKLIST

### IF FIRE PERSISTS:

INCREASE AIRSPEED UP TO 202 KIAS  
LAND AS SOON AS PRACTICAL

## ELECTRICAL FIRE

Master Switch	OFF
Alternators	OFF
Electrical Switches	OFF
Avionics Master	OFF
Vents	OFF
Cabin Heat	OFF
Land as soon as practical	

*Extinguish with fire extinguisher if practical. Refer to POH for complete electrical fire checklist procedure*

## IN-FLIGHT ENGINE FAILURE APPROACH

Mixtures	FULL FWD
Props	FULL FWD
Throttles	FULL FWD
<b>Flaps</b>	<b>EVALUATE</b>
<b>Gear</b>	<b>GEAR</b>
Identity	DEAD FOOT
Verify/Throttle	CLOSE
INOP Eng Prop	FEATHER
INOP Eng Mixture	CUTOFF

*On short final: "Gear Down, 3 Green, 1 in the Mirror"*

## UNSAFE GEAR / MANUAL EXTENSION

Day/Night Dimmer	DAY
Circuit Breakers	CHECK
Master Switch	CHECK ON
Ammeters	CHECK
Airspeed	100 KIAS
Gear Selector	MAX
Emer. Gear Extension	PULL KNOB DOWN
Indicator Lights	CHECK 3 GREEN
Emer. Gear Extension	CHECK

**IF 3 GREEN NOT INDICATED, YAW AIRCRAFT AND APPLY G-LOAD**

*Refer to POH for Amplified Procedures*

## EMERGENCY DESCENT

Cowl Flaps	CLOSED
Throttles	CLOSED
Props	FULL FWD
Mixtures	ADJUST
Gear Down	BELOW 140 KIAS
Maintain	120 - 140 KIAS

NOTIFY ATC ASAP

### RECOVERY

Gear	UP (Below 109 KIAS)
Throttles	FULL
Cowl Flaps	AS REQUIRED
Throttles	CRUISE
Props	CRUISE
Mixtures	ADJUST

### Frequencies

<b>KADS</b>		
ATIS (972-628-2439)		133.4
Ground		121.6
Tower (972-628-2420)		126.0
Approach (972-615-2500)	124.3/124.25	
Atlantic (972-713-7000)		122.85

### KGyl

ATIS (903-786-7790)		118.775
Ground		124.125
Tower (972-628-2420)		120.575
Center		124.75
Rise		130.35

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*(Apply steps to affected engine)*

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Throttle	CLOSE
Prop	FEATHER
Mixture	CUTOFF
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## IN-FLIGHT ENGINE FAILURE APPROACH

Mixtures	FULL FWD
Props	FULL FWD
Throttles	FULL FWD
<b>Flaps</b>	<b>EVALUATE</b>
<b>Gear</b>	<b>GEAR</b>
Identity	DEAD FOOT
Verify/Throttle	CLOSE
INOP Eng Prop	FEATHER
INOP Eng Mixture	CUTOFF

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