

ENGINE FAILURE

TAKEOFF RUN

Throttle..... IDLE
Brakes Apply as Needed
Flaps Retract
Mixture..... Idle Cutoff
Ignition Switch..... OFF
Avionics / Electrical Switches OFF
Master Switch OFF

IMMEDIATELY AFTER TAKEOFF

Airspeed > 85 KIAS
Mixture..... Idle Cutoff
Fuel Selector OFF
Ignition Switch..... OFF
Flaps As Required
Master Switch OFF
Cabin Door Unlatch
Land Straight Ahead

DURING FLIGHT (Restart Procedures)

Airspeed 85 KIAS
Fuel Pump ON
Fuel Selector Switch Tanks
Mixture..... Rich
Carb Heat ON
Ignition Switch..... Left, Right

ENGINE PROBLEMS

LOSS OF FUEL PRESSURE

Fuel Pump ON
Fuel Selector Fullest Tank

LOSS OF OIL PRESSURE / HIGH OIL TEMPERATURE

Land as Soon as Practical

PA28-236 DAKOTA – Emergency Procedures

ENGINE PROBLEMS (Cont'd)

ENGINE ROUGHNESS

Carb Heat ON

If roughness continues after 1 minute:

Carb HeatOFF

Mixture..... Adjust

Fuel Pump ON

Fuel Selector Switch Tanks

Ignition Switch..... L, R, BOTH

ELECTRICAL PROBLEMS

ALTERNATOR FAILURE

Alternator SwitchOFF

Alternator Circuit BreakersCheck

Alternator Switch ON

If alternator still inoperative

AlternatorOFF

Electrical Load Reduce

Flight Terminate ASAP

ELECTRICAL OVERLOAD

AlternatorOFF

Electrical Load Reduce

Flight Terminate ASAP

FIRES

DURING START ON GROUND

Cranking..... Continue

Mixture Idle Cutoff

Throttle..... Full Open

Fuel PumpOFF

Fuel SelectorOFF

Engine Secure

Avionics / Electrical SystemsOFF

Fire Extinguish

DURING FLIGHT (ENGINE)

Mixture..... Idle Cutoff

Fuel SelectorOFF

Fuel PumpOFF

Heater & Defroster.....OFF

Flight Land ASAP

FIRES (Cont'd)

DURING FLIGHT (ELECTRICAL)

Master & Alternator Switches.....OFF
Vents, Cabin Air, Heat..... Closed
Fire Extinguisher..... Activate
Avionics / Electrical SwitchesOFF

If fire appears out & electrical equipment is necessary

Master Switch ON
Circuit BreakersCheck, Don't Reset
Avionics / Electrical Switches On, One At A Time

MISCELLANEOUS

CARBON MONOXIDE ALERT

Cabin Heater / DefrosterOFF
Storm Window Open
Cabin Vents..... Open
Flight..... Land ASAP

OPEN DOOR

Airspeed Slow to 83 KIAS
Cabin Vents..... Open
Storm Window Open
Upper Latch Open..... Latch
Side Latch Open..... Pull on Armrest & Move Handle to Latch
Both Latches Open..... Latch Side Latch, then Top Latch

PROPELLER OVERSPEED

Throttle..... Reduce < 2400 RPM
Oil Pressure..... Check
Propeller..... Full Decrease

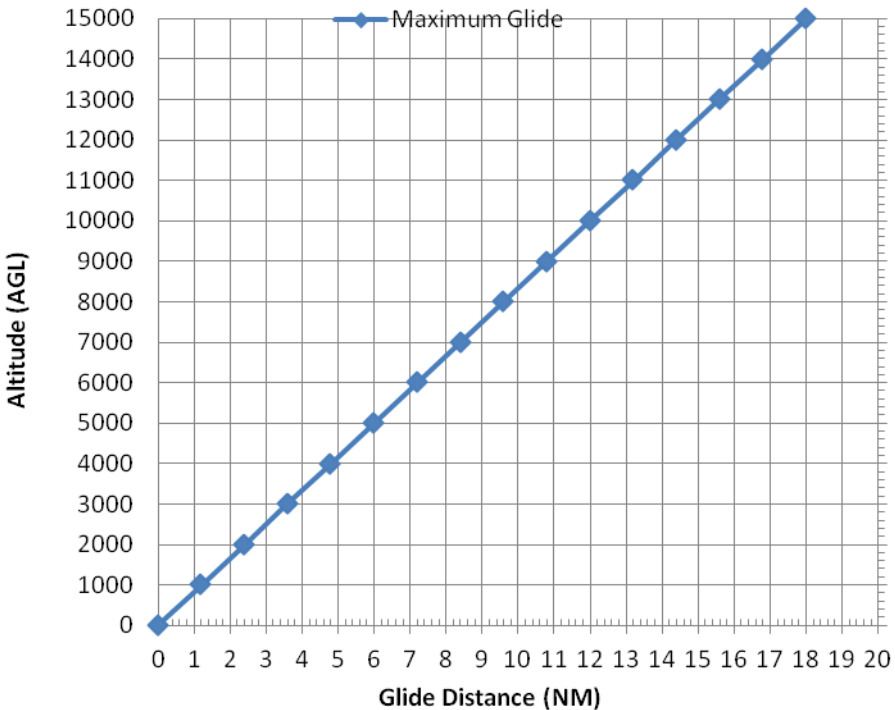
PA28-236 DAKOTA – Emergency Procedures

FORCED LANDINGS

WITHOUT POWER

Airspeed.....	85 KIAS
Seats, Belts, Harnesses.....	Secure
Mixture.....	Idle Cutoff
Fuel Selector.....	OFF
Ignition Switch.....	OFF
Master & Alternator Switches.....	OFF
Flaps.....	As Required
<u><i>If time permits</i></u>	
Transponder.....	7700
Radio.....	MAYDAY (121.5 MHz)
Doors.....	Unlatch

PA28-236 Maximum Glide



Airspeed = 85 KIAS
Flaps Up

Propeller Windmilling
Weight = 3000 lbs

FORCED LANDINGS

PRECAUTIONARY WITH POWER

Airspeed85 KIAS
Seats, Belts, Harnesses Secure
Landing SiteOverfly, noting conditions

If time permits

Transponder 7700
Radio MAYDAY (121.5 MHz)
Mixture..... Idle Cutoff
Fuel SelectorOFF
Ignition Switch.....OFF
Master & Alternator Switches.....OFF
Flaps..... As Required Prior to Touchdown
Doors..... Unlatch Prior to Touchdown

DITCHING

Airspeed85 KIAS
Seats, Belts, Harnesses Secure
Heavy ObjectsSecure or Jettison
Mixture..... Idle Cutoff
Fuel SelectorOFF
Ignition Switch.....OFF
Master & Alternator Switches.....OFF
Flaps..... As Required

If time permits

Transponder 7700
Radio MAYDAY (121.5 MHz)
Approach.....
High Winds, Heavy SeasLand into Wind
Light Winds, Heavy SwellsLand Parallel to Swells
Doors..... Unlatch Prior to Touchdown