

ENGINE FAILURE DURING CLIMB

Airspeedmaintain 97 KIAS
Directional controlmaintain
Inop. engineidentify and verify
Inop. enginecomplete Engine
Securing Procedure

Land as soon as practical at nearest suitable airport.

ENGINE FAILURE DURING FLIGHT
(Below 71 KIAS)

Rudderapply towards
Throttles (both engines)retard to stop turn
Pitch attitudelower nose to
accelerate above
71 KIAS
Operative engincrease power as
airspeed increases
above 71 KIAS

If altitude permits, a restart may be attempted.

If restart fails or altitude does not permit:

Inop. eng. propFEATHER
Trimadjusted (5 ° bank
into operative eng.)
Inop. engcomplete Engine
Securing Procedure
Cowl flap (operative eng.)as required

ENGINE FAILURE DURING FLIGHT
(Above 71 KIAS)

Inop engidentify
Operative engadjust as required
Airspeedattain and maintain
at least 97 KIAS

SECTION 3
EMERGENCY PROCEDURES

PIPER AIRCRAFT CORPORATION
PA-31-325, NAVAJO C/R

Before securing inop. engine:

Fuel flowcheck (if deficient - emergency fuel pump ON)
Fuel quantity.....check
Fuel selector (inop. eng.).....switch to other
tank containing fuel
Oil pressure and tempcheck
Magneto switchescheck
Air start.....attempt

If engine does not start, complete Engine Securing Procedure.

Power (operative eng.).....as required
Mixture (operative eng.).....full rich
Fuel quantity (operative eng. tank).....sufficient
Emergency fuel pump
(operative eng.)as required
Cowl flap (operative eng.)as required
Trim.....adjusted (5° bank
into operative eng.)
Electrical loaddecrease to min.
required

Land as soon as practical at nearest suitable airport.

SINGLE ENGINE LANDING

Inop engineEngine Securing
Procedure complete
Hydraulic pumpcheck
Seat belts/harnessessecure
HeaterFAN position
Emergency fuel pump (operative eng.).....ON
Mixture (operative eng.)RICH
Propeller (operative eng.)full FORWARD
Fuel selector on
operative engine side.....ON INBOARD tank
Crossfeed.....OFF
Cowl flap (operative eng.)as required
Airspeedmaintain 107 KIAS
min. until landing is
assured
Altitudehigher than normal
until landing is assured