

REAL AEROCLUB de MAHÓN – MENORCA
Piper Archer PA28
ABNORMAL PROCEDURES

ENGINE FIRE ON START

Starter motor.....Start
Mixture.....Cut off
Throttle.....Full forward
Fuel pump.....Off
Fuel selector.....Closed

If fire persists:

- Master.....Off
- ALT.....Off
- Magneto.....Off

ENGINE FAILURE

IAS.....V_x=65kts
Radio....."Mayday" (x3)
Fuel pump.....On
Fuel selector.....Change
Carburettor heater.....On

When engine power is restored:

- Carb heater.....Off
- Fuel pump.....Off

If power is not restored apply FORCED LANDING procedure.

FORCED LANDING

IAS.....V_x=65kts
Radio....."Mayday" (x3)
Just before landing and with no restart possible:
Throttle.....Idle
Ignición.....Off
Master.....Off
Fuel selector.....Off
Mixture.....Cut off
Seatbelts and harnesses.....Adjusted
Door.....Unlock

LOW FUEL PRESSURE

Fuel pump.....On
Fuel selector.....Switch tanks

FIRE IN FLIGHT

• **ELECTRICAL FIRE**

Master.....Off
Ventilation duct.....Open
Cabin heater.....Off
Storm window.....Open
Land ASAP

• **ENGINE FIRE**

Fuel selector.....Close
Throttle.....Idle
Mixture.....Cut off
Electrical pump.....Off
Heater and fan.....Off

ELECTRICAL FIRE

(ALT light on)

• **AMMETER INDICATING 0 Amp**

ALT.....Off
Reduce load to minimum.
ALT C/B.....Checked and reset
ALT.....On

- *If alternator recovers:*

Continue flight

- *If alternator does not recover:*

ALT.....Off

Flight on batteries

• **AMMETER INDICATING NORMAL**

Consider indicating failure

ABNORMAL ENGINE VIBRATION

Carburettor heater.....On

- *If vibration disappears:*

Carburettor heater.....Keep on

- *If vibration persists after 1min:*

Carburettor heater.....Off

Mixture.....Adjust

RPM.....Out of red sector

Electrical pump.....On

Fuel selector.....Change

Engine parameters.....Check

Magnetos.....Left, right, both

If vibration disappears on just 1 magneto, keep it and fly direct to the closest suitable airport anticipating a probable forced landing.