

# EMERGENCY PROCEDURES

## ENGINE FAILURE IN FLIGHT

**C**ARBHEAT.....Check On

**A**IRSPPEED.....80MPH

**B**EST FIELD.....Decide/Turn

### CHECKLIST ENGINE RESTART

1) Fuel Selector.....Check

2) MAGS.....On

3) Mixture.....Rich

4) Starter.....Engaged

**D**ECLARE.....MAYDAY/121.5

### E

1) Brief Pax

2) Open Door/Window

3) Seatbelt Secure

### SECURE ENGINE

1) Fuel.....Off

2) MAGS.....Off

## ALTERNATOR FAILURE

1) MASTER.....Off

2) ALT FIELD Circuit Breaker.....Check that its IN

3) MASTER.....ON

-If VFR...Shut Avionics down to conserve power. Use visual reference and determine most practical place to land. Use cell phone to call tower or call **1800-WX-BRIEF**.

-In IMC...get out of clouds as quickly/safe as possible.  
Conserve power when you reach VFR conditions.

## LOCAL FREQUENCIES

TVC ATIS.....119.175

TVC Ground.....121.8

TVC Tower.....124.2

## LOCAL PHONE NUMBERS

TVC ASOS....231-486-2920

TVC OPS.....231-313-09289

TVC Tower.....231-947-0453

Giving Wings....231-943-2033

Eric Cell....231-649-6663

Bob Cell.....249-821-7480

**Emergency.....121.5**

## ENGINE FIRE DURING START ON GROUND

- 1) Continue cranking in an attempt to start engine.  
(if start is successful, run engine at 1700RPM for a few min).
- 2) If Engine start is unsuccessful, **CONTINUE** cranking for 2-3min with throttle full open while line crew obtain fire extinguishers.
- 3) When ready to extinguish fire,
  - Release the starter switch
  - Master.....Off
  - Ignition Switch.....Off
  - Fuel.....Off
- 4) **Smother flames with fire extinguisher, seat cushion or loose dirt.**

## ENGINE FIRE IN FLIGHT

- 1) Pull Mixture.....Off
- 2) Fuel.....Off
- 3) Master.....Off
- 4) Establish a 120 MPH glide.
- 5) Close cabin heat control.
- 6) Select best field

If fire is not extinguished, increase glide speed. Find An airspeed that will provide an incombustible mixture. Execute an Emergency Landing Without Engine Power.

**\*DO NOT ATTEMPT TO RESTART ENGINE\***

## V SPEEDS

Vs1.....57 MPH  
VSO.....49 MPH  
VX.....68 MPH  
VY.....80 MPH  
VG.....80 MPH  
VA.....112 MPH  
VNE.....182 MPH  
Vfe.....100 MPH  
Max Dem. X-Wind.....15 Knots