

## **ENGINE FAILURE IN FLIGHT**

1. **AIRSPPEED** ..... 105 MPH (Blue Line) Minimum
2. **MIXTURE** ..... Forward below 4000 feet
3. **PROPS** ..... Forward
4. **THROTTLES** .. Full Power
5. **FLAPS** ..... Up
6. **GEAR** ..... Up
7. **Identify** ..... Dead Engine, Step on Ball
8. **Verify**..... Retard Throttle on Dead Engine

### **FIX or FEATHER ?**

**If Wind-milling prop - and ABOVE 2000 feet AGL...**

1. **Fix** by Turning on Boost Pump and Changing Fuel Tanks
2. **Advance** power

**If no effect...**

#### **FEATHER:**

1. Throttle on Dead engine .....CLOSED
2. Mixture on Dead engine.....IDLE CUTOFF
3. Prop on Dead engine.....INTO FEATHER

**SECURE...**

1. Cowl Flaps Closed on dead engine
2. Mags off on dead engine
3. Boost Pumps off
4. Alternator OFF
5. PROP – Operating Engine – 2500 RPM

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## **T0 UNFEATHER PROP**

1. **THROTTLE .... OPEN FULL**
2. **PROPS ..... TO HIGH**
3. **MIXTURE ..... FORWARD**
4. **MAGS ..... ON**
5. **PRIME ..... 5 seconds and boost pump off**
6. **MIXTURE ..... OFF**
7. **THROTTLE .... IDLE**
8. **AIRSPPEED ..... 140 - 150 MPH**
9. **ENGAGE STARTER**
10. **WHEN FIRING and out of feather, Mixture Forward**  
[Advance Throttlet to 15 inches MAP to warm up]
11. **ALTERNATOR .... ON**
12. **PROPS ..... 2500**

*If unable to start in 10 seconds, let starter cool for 1 minute, then try again. Reprime if necessary.*