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**Note**

Refer to Section III for emergency procedures and Checklists not outlined in this section.

**ENGINE FAILURE, FIRE AND FEATHERING.**

1. **THROTTLES — CLOSED.**

**WARNING**

Do not retard throttle in case of fire.

2. **FEATHERING BUTTON — PUSH IN.**
3. **MIXTURE LEVER — IDLE CUT OFF.**

**Note**

Steps 4 through 7 may be omitted if fire is not evident. Accomplish steps 8 through 14 when time permits.

4. **FIREWALL SELECTOR — PULLED.**
5. **COWL FLAPS — TRAIL.**
6. **CREW OXYGEN — MASK ON, 100%.**
7. **CO<sub>2</sub> HANDLE — PULLED.**
8. Vacuum Selector — Set.
9. Booster Pump — OFF.
10. Cowl Flaps — CLOSED.
11. Generator — OFF.
12. Ignition — OFF.
13. Fuel Tank Selector Levers — Set.
14. Propeller Anti-Icing — As required.

**UNFEATHERING.**

1. Airspeed — 120-125 KIAS.
2. Firewall Selector — In.
3. Fuel Tank Selector Levers — Set.
4. Carburetor Air — COLD.
5. Crossfeed — Set.
6. Propeller Control — Aft (DECREASE RPM).
7. Throttle — Set.
8. Mixture — IDLE CUT OFF.
9. Booster Pump — LOW.
10. Propeller — Turn 6 blades with starter.
11. Feathering Button — Depress.
12. Ignition — ON BOTH.
13. Mixture — AUTO RICH.
14. Engine Instruments — Check.
15. Generator — ON.
16. Booster Pump — OFF.
17. Cowl Flaps — Set.

**PROPELLER OVERSPEEDING.**

1. Throttle — CLOSED.
2. Airspeed — 125 KIAS.
3. Feathering Button — As required.
4. Propeller Control — Aft (DECREASE RPM).
5. Engine Feathering Procedure — As required.

**ENGINE FIRE ON GROUND.**

1. STARTER SWITCH — ENGAGED.
2. PRIMER SWITCH — OFF.
3. MIXTURE — IDLE CUT OFF.
4. THROTTLE — OPEN.

**If Fire Continues:**

5. STARTER SWITCH — DISENGAGED.
6. COMBAT FIRE.
7. Shutdown All Engines.
8. Secure Aircraft.
9. Abandon Aircraft.

**EMERGENCY DESCENT.**

1. **CLOSE THROTTLES.**
2. **PROPELLERS — FORWARD  
(FULL INCREASE).**
3. Do not exceed a maximum of 290 knots IAS with the gear and flaps up.
4. If this procedure cannot be used, descend as rapidly as possible with gear and flaps down, power off, props full INC. RPM (forward), cowl flaps open, observing gear and flaps down airspeed restriction of 127 knots IAS.

### FUSELAGE FIRE.

1. ALL EXITS, DOORS, AND VENTILATION DUCTS — CLOSED.
2. CREW OXYGEN — MASKS ON, 100%.
3. COMBAT FIRE — USE PORTABLE HAND FIRE EXTINGUISHERS.

### LOWER COMPARTMENT FIRE.

1. COMPARTMENT SELECTOR — PULLED.
2. HYDRAULIC BYPASS — UP.
3. CREW OXYGEN — MASKS ON, 100%.

### COCKPIT HEATER FIRE.

1. COCKPIT HEATER SWITCH — OFF.
2. COCKPIT HEATER BLOWER CIRCUIT BREAKER — TRIPPED/OFF.
3. BLOWER MANUAL SWITCH — ON.
4. RADAR — OFF.
5. HYDRAULIC BYPASS — UP.
6. FOOTWARMER AND DEFROSTER — CLOSED.
7. CREW OXYGEN — MASKS ON, 100%.
8. CO<sub>2</sub> HANDLE — PULLED.

#### Note

Line from CO<sub>2</sub> bottle to selection manifold is drilled to allow CO<sub>2</sub> to be discharged in the nosewheel well when no selection is made.

## WING FIRE.

1. EMERGENCY DESCENT.
2. ALERT CREW FOR BAILOUT OR DITCHING.
3. ATTEMPT TO EXTINGUISH FIRE BY SIDESLIPPING THE AIRCRAFT AWAY FROM THE FIRE.
4. MAKE AND EMERGENCY LANDING OR ABANDON THE AIRCRAFT.

## ELECTRICAL FIRE.

1. GENERATORS SWITCHES — OFF.
2. BATTERY SWITCH — OFF.
3. APP — OFF.
4. ALL CIRCUIT BREAKERS — TRIPPED.
5. CREW OXYGEN — MASKS ON, 100%.
6. ISOLATE AND FIGHT FIRE.

### Note

When source of smoke or fire has been found and fire extinguished, leave the involved circuit inoperative and restore power to the remaining circuits.

7. Battery Switch ON.
8. Generator Switches ON (one at a time).
9. Circuit Breakers ON (one at a time).

### Note

Watch for recurrence of smoke or fire while resetting circuit breakers.

## **CABIN HEATER FIRE.**

1. CABIN HEATER CONTROL REHQSTAT AND EMERGENCY SWITCHES — OFF.
2. CREW OXYGEN — MASKS ON, 100%.
3. ISOLATE AND FIGHT FIRE.

### **Note**

If smoke is emanating from the heater duct, insert nozzle of CO<sub>2</sub> hand fire extinguisher and discharge CO<sub>2</sub>. If smoke is emanating from around the heater duct, expose the burning materials and extinguish the fire with CO<sub>2</sub>.

## **APP FIRE (CABIN MOUNTED).**

1. BATTERY AND GENERATOR SWITCHES — OFF.
2. APP IGNITION SWITCH — OFF.
3. CREW OXYGEN — MASKS ON, 100%.
4. FIRE — COMBAT.

**SMOKE ELIMINATION .**

1. CREW OXYGEN — MASKS ON, 100%.
2. COMPANIONWAY DOOR — OPEN.
3. FWD. EMERGENCY EXITS OVER WINGS — OPEN.
4. FORWARD NAV. STATION WINDOW — OPEN.

Note

Under no circumstances shall the pilots' side windows be opened prior to the removal of the aft exit or door. This will cause smoke to be drawn into the pilots' compartment.