

Engine Power Loss During Take-off

IMMEDIATELY LOWER THE NOSE. IF SUFFICIENT RUNWAY REMAINS FOR NORMAL LANDING, CHECK GEAR DOWN AND LAND STRAIGHT AHEAD.

Undercarriage..... CHECK DOWN

IF AREA AHEAD IS ROUGH

Undercarriage..... UP

Flaps AS REQUIRED
 Throttle..... CLOSED
 Mixture..... ICO
 IgnitionOFF
 RadioMAYDAY
 Battery Master/AlternatorOFF
 Fuel.....OFF
 HarnessesTIGHTEN
 Door Latches.....OPEN

Engine Power Loss In Flight

IF AT LOW ALTITUDE

AirspeedMINIMUM 79 KIAS
 Refer POWER OFF LANDING Section

IF ALTITUDE PERMITS TRY RESTART

Fuel Selector..... CHANGE TANK
 Fuel Pump.....ON
 Mixture..... RICH
 Alternate AirOPEN
 Engine Gauges CHECK
 Magnetos CHECK L/R

IF POWER IS RESTORED

Alternate AirCLOSE
 Fuel Pump..... OFF

IF POWER IS **NOT** RESTORED

AirspeedMINIMUM 79 KIAS

Refer POWER OFF LANDING Section

SIDEBAR DENOTES A MEMORY ITEM

Power Off Landing

Undercarriage DOWN
 Flaps AS REQUIRED
 Throttle CLOSE
 Mixture..... ICO
 Magnetos OFF
 RadioMAYDAY
 Battery Master/AlternatorOFF
 Fuel.....OFF
 HarnessesTIGHTEN
 Door Latches OPEN

N.B. IF BATTERY MASTER OFF, GEAR CANNOT BE RETRACTED

Engine Fire During Start

Starter CRANK ENGINE
 Mixture..... ICO
 Throttle OPEN
 Fuel PumpOFF
 Fuel SelectorOFF

IF FIRE CONTINUES, EXIT WITH EXTINGUISHER AND ATTEMPT TO EXTINGUISH FIRE

Electrical Fire In Flight/Smoke In Cabin

Battery Master/AlternatorOFF
 Vents OPEN
 Cabin Heat.....OFF
 Land.....ASAP

Engine Fire In Flight

Fuel..... OFF
 Throttle CLOSED
 Mixture..... ICO
 Fuel PumpOFF
 HeaterOFF
 DefrosterOFF
 Power Off Landing.....EXECUTE
 Battery Master/AlternatorOFF

Propellor Overspeed

Throttle RETARD
 Oil Pressure CHECK
 Propellor FULL DECREASE RPM
 Airspeed REDUCE
 ThrottleSET TO MAINTAIN < 2700 RPM

Engine Roughness	
Mixture...	ADJUST FOR SMOOTH RUNNING
Alternate Air	OPEN
Fuel Pump.....	ON
Fuel Selector.....	CHANGE TANKS
T&Ps	CHECK
Magnetos	CHECK L/R/BOTH

Loss Of Fuel Pressure/Flow	
Fuel Pump.....	ON
Fuel Selector.....	CHANGE TANK

Alternator Failure	
Low Voltage Light	ON
Ammeter	CHECK
IF AMMETER READS ZERO	
Alternator	OFF
Electrical Loads.....	SHED
ALT Circuit Breaker	CHECK/RESET
Alternator	ON
IF POWER NOT RESTORED	
Alternator	OFF
Electrical Loads.....	SHED
Land.....	ASAP

Electrical Overload	
Battery Master Switch.....	OFF
IF AMMETER DOES NOT DECREASE	
Alternator	OFF
Land.....	ASAP
Gear.....	REFER EMERGENCY EXTENSION
IF AMMETER DECREASES	
Battery Master Switch.....	ON
Ammeter	MONITOR

Emergency Landing Gear Extension	
Undercarriage Lever.....	DOWN
Battery/Alternator Switches	ON
Circuit Breakers	CHECK
Nav Lights.....	OFF (in daylight)
Undercarriage Indicator Bulbs	CHECK
Undercarriage	RECYCLE
IF UNDERCARRIAGE NOT DOWN AND LOCKED	
Airspeed	REDUCE BELOW 87 KIAS
Undercarriage Lever.....	DOWN
Emergency Gear Ext Lever	DOWN
Rudder.....	YAW L & R

Gear Up Landing	
Undercarriage Lever.....	UP
Flaps	AS REQUIRED
Throttle	CLOSED
Mixture.....	LEAN
Magnetos	OFF
Battery Master/Alternator	OFF
Fuel Selector	OFF
Seat Belts	TIGHTEN
Door Latches	OPEN

Open Door In Flight	
Airspeed	REDUCE TO 87 KIAS
Cabin Vents	CLOSE
Storm Window	OPEN
IF ONLY UPPER LATCH OPEN	
Upper Latch.....	CLOSE
IF BOTH LATCHES OPEN	
Lower Latch	PULL & CLOSE
Upper Latch.....	CLOSE