

N8971M EMERGENCY CHECKLIST

ENGINE FIRE DURING START

If Engine Starts...

Power 1800 RPM
 Throttle CLOSE
 Mixture IDLE CUT OFF
 Fuel shut off valve OFF(Pull full out)
 Auxiliary Fuel Pump OFF
 Ignition Switch OFF
 Master Switch OFF

EXIT AIRPLANE

If Engine Does NOT Start...

Ignition CONTINUE CRANKING
 Mixture IDLE CUT OFF
 Throttle OPEN
 Fuel shut off valve OFF(Pull full out)
 Auxiliary Fuel Pump OFF
 Ignition Switch OFF
 Master Switch OFF

EXIT AIRPLANE

ENGINE FAILURE DURING FLIGHT

Trim **85 MPH**(full gross weight)
 Landing Site LOCATE
 Fuel Selector BOTH
 Fuel shut off valve ON (Push full in)
 Mixture RICH
 Auxiliary Fuel Pump ON
 Ignition Switch START

If Engine Does NOT Start...

Transponder 7700
 Radio - 121.50 "MAYDAY/
 CURRENT POSITION"
 Fuel shut off valve OFF(Pull full out)
 Auxiliary Fuel Pump OFF
 Mixture IDLE/CUT OFF
 Ignition Switch OFF
 Flaps AS DESIRED
 Master Switch OFF
 Doors AJAR

ROUGH ENGINE/LOSS OF POWER

POSSIBLE SPARK PLUG FOULING

Ignition Switch TURN TO "L" OR
 "R" POSITION
 Mixture LEAN AS DESIRED
 Try Both position, see if problem
 resolved

ENGINE FIRE DURING FLIGHT

Mixture IDLE/CUT OFF
 Fuel Selector OFF(PULL OUT)
 Auxiliary Fuel Pump OFF
 Ignition Switch OFF
 Cabin Vents CLOSED/OFF
 Master Switch OFF
 Airspeed INCREASE
 (to extinguish flames)
 Side Slip To Landing Site
 Doors AJAR

LOW OIL PRESSURE

Oil Temperature Check
If Normal (Green Arc)
 LAND TO INSPECT ASAP
If Abnormal (High)
Suspect Immediate Engine Failure
 Engine Power REDUCE
 Landing Site SELECT
 Doors AJAR

ELECTRICAL MALFUNCTIONS

Ammeter - HIGH Rate of Charge
 Over-Voltage Light Illuminates
 Alternator OFF
 Alternator ON
 Over-Voltage Light Illuminates
 TERMINATE FLIGHT
Ammeter - LOW Rate of Charge
 Non-essential electrical equipment
 OFF
 Flight TERMINATE
 (at nearest Airport)

ATC LIGHT SIGNALS

	GROUND	FLIGHT
Steady Green	Clear to T/O	Clear to Land
Flashing Green	Clear to Taxi	Return to Land
Steady Red	STOP	Give Way
Flashing Red	Taxi Clr. Rwy	Airport Unsafe
Flashing White	Return to Start	N/A
Alt. Red/Green	Caution	Caution

V SPEEDS

Vr 65 MPH
 Vx 2800 lbs 60-71 MPH
 Vy 2800 lbs. 94 MPH
 Normal Climb 75-85 MPH
 Vso 60 MPH
 Vs 70 MPH
 Vfe 0°-10° 150
 Vfe 10°-30° 110
 Va (Max Gross) 130 MPH
 Vno 160 MPH
 Vne 195 MPH
Vglide (2000lbs) 75 MPH
Vglide(full gross) 85 MPH
 Max Demo X-Wind ~17

PIREPS

- 1 Cloud Ceilings or Tops
- 2 Precipitation / Icing
- 3 Turbulence
- 4 Visibility
- 5 Temperature

FAA FLIGHT PLANS

- 1 Type
- 2 Aircraft ID
- 3 Aircraft Type / Equipment
(M20P/A)
- 4 True Airspeed
- 5 Departure Point
- 6 Departure Time
- 7 Cruising Altitude
- 8 Route
- 9 Destination
- 10 Est. Time Enroute
- 11 Remarks
- 12 Fuel Onboard
- 13 Alternate
- 14 Pilot's Name
- 15 Number Onboard
- 16 Color
- 17 Destination Contact Phone #

AIRCRAFT INFO

Tire Pressure
 NOSE 31 PSI
 MAIN GEAR 68 PSI
 Total Fuel 61 GALLONS
USABLE FUEL 60 GALLONS
 Oil Capacity 9 QUARTS
 Max Gross Takeoff Weight 2800 LBS
 Max Baggage 120 LBS

MISCELLANEOUS INFO

GPS Updates FOR IFR – 28 DAYS
 VFR Sectional Charts 6 MONTHS
 IFR Enroute Charts 56 DAYS
 IFR Approach Book 56 DAYS



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