

N7434W EMERGENCY CHECKLIST

ENGINE FIRE DURING START

If Engine Starts...

Power 1800 rpm MOMENTARILY
 Throttle CLOSE
 Mixture IDLE CUT OFF
 Auxiliary Fuel Pump OFF
 Fuel Selector OFF
 Ignition Switch OFF
 Master Switch OFF
 EXIT AIRPLANE

If Engine Does NOT Start...

Starter Button HOLD MOMENTARILY
 Mixture IDLE CUT OFF
 Throttle OPEN
 Auxiliary Fuel Pump OFF
 Fuel Selector OFF
 Ignition Switch OFF
 Master Switch OFF
 EXIT AIRPLANE

ENGINE FAILURE DURING FLIGHT

Trim ~82 MPH / 71 KTS
 Landing Site LOCATE
 Fuel Selector SWITCH TANKS
 Mixture RICH
 Auxiliary Fuel Pump ON
 Carburetor Heat ON
 Primer IN & LOCKED
 Ignition Switch START

If Engine Does NOT Start...

Transponder 7700
 Radio - 121.50 "MAYDAY/
 CURRENT POSITION"
 Fuel Selector OFF
 Auxiliary Fuel Pump OFF
 Mixture IDLE/CUT OFF
 Ignition Switch OFF
 Flaps AS DESIRED
 Master Switch OFF
 Door AJAR

ROUGH ENGINE/LOSS OF POWER

POSSIBLE CARBURETOR ICING

Carburetor Heat ON

If Problem Resolved

Throttle RE-ADJUST
 Carburetor Heat OFF

POSSIBLE SPARK PLUG FOULING

Mixture ADJUST
 Ignition Switch TURN TO "L" OR "R"

POSSIBLE FUEL ISSUE

Auxiliary Fuel Pump ON

Fuel Selector SWITCH TANKS
 Primer IN & LOCKED
 Mixture ADJUST

ENGINE FIRE DURING FLIGHT

Airspeed INCREASE
 (to extinguish flames)
 Mixture IDLE/CUT OFF
 Fuel Selector OFF
 Auxiliary Fuel Pump OFF
 Ignition Switch OFF
 Cabin Vents CONSIDER
 ATC NOTIFY
 Master Switch OFF
 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

ATC NOTIFY
 Engine Power REDUCE
 Landing Site SELECT
 Doors AJAR

ELECTRICAL MALFUNCTIONS

Load Meter - HIGH Amperage

Alternator OFF (for 1 Min)
 Alternator ON
 Over-Voltage Light Illuminates
 TERMINATE FLIGHT

Ammeter - Zero Amperage

Non-essential electrical equipment OFF

Flight CONSIDER NRST AIRPORT

Popped Circuit Breaker

Cool 2 - 5 mins RESET

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

Vso 57 MPH / 50 KTS
 Vs 67 MPH / 58 KTS
 Vr 60 MPH / 52 KTS
 Vx 74 MPH / 64 KTS
 Vy 85 MPH / 74 KTS
 Cruise Climb 100 MPH / 87 KTS
 Vfe 115 MPH / 100 KTS
 Va (Max Gross) 129 MPH / 111 KTS
 Vno 140 MPH / 121 KTS
 Vne 171 MPH / 148 KTS

Vglide (2400 lbs) 82 MPH / 71KTS

PIREPS

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

ICAO 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

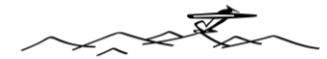
Tire Pressure (ALL) 24 PSI
 Elec System 12 VOLT/60 AMP
 Engine O-360-A4A
 Total Fuel 50 GALLONS
USABLE FUEL 49.7 GALLONS
 Oil Capacity 8 QUARTS
 Max Gross Takeoff Weight 2400 LBS
 Max Baggage 125 LBS

MISCELLANEOUS INFO

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

PERFORMANCE CHARTS

be aware the numbers are in
 Statue Miles & MPH



FLIGHT SCHOOL
of
 Greenville