

C-172R BOLDFACE/OPS LIMITS

NAME:

CHECKED BY:

DATE:

SECTION I: BOLDFACE EMERGENCY PROCEDURES

ABORT

- 1.
- 2.

ENGINE FIRE DURING START

- 1.
- IF ENGINE FAILS TO START
- 2.
  - 3.
  - 4.
  - 5.
  - 6.

ENGINE FAILURE DURING FLIGHT (ENGINE RESTART ATTEMPTED)

- 1.
- 2.
- 3.
- 4.
- 5.

FIRE IN FLIGHT (ENGINE)

- 1.
- 2.
- 3.
- 4.

ENGINE FAILURE DURING TAKEOFF (OR LOW ALTITUDE)

- 1.
- FORCED LANDING (LANDING ASSURED/COMMITTED)
- 2.
  - 3.
  - 4.
  - 5.
  - 6.
  - 7.

INADVERTENT SPIN ENTRY

- 1.
- 2.
- 3.
- 4.

FIRE IN FLIGHT (ELECTRICAL) OR CABIN FIRE

- 1.
  - 2.
  - 3.
- WHEN ASCERTAINED THAT FIRE IS COMPLETELY EXTINGUISHED
- 4.

SECTION IIa: OPERATIONS LIMITATIONS & V-SPEEDS

**V SPEEDS (MAX GROSS WEIGHT)**

V<sub>R</sub> \_\_\_\_\_ KIAS  
 V<sub>X</sub> \_\_\_\_\_ KIAS  
 V<sub>Y</sub> \_\_\_\_\_ KIAS  
 V<sub>A</sub> \_\_\_\_\_ KIAS  
 V<sub>NO</sub> \_\_\_\_\_ KIAS  
 V<sub>NE</sub> \_\_\_\_\_ KIAS  
 V<sub>FE</sub> \_\_\_\_\_ KIAS  
 V<sub>SO</sub> \_\_\_\_\_ KIAS  
 V<sub>S1</sub> \_\_\_\_\_ KIAS  
 Best Glide \_\_\_\_\_ KIAS

**ENGINE**

Maximum Horsepower \_\_\_\_\_  
 Revolution Speed (RPM) Normal \_\_\_\_\_  
 Max \_\_\_\_\_  
 Oil Quantity \_\_\_\_\_ qts  
 Oil Temp Max \_\_\_\_\_ °F  
 Oil Pressure Min \_\_\_\_\_ PSI  
 Normal \_\_\_\_\_ PSI  
 Max \_\_\_\_\_ PSI

**FUEL**

Fuel Type \_\_\_\_\_ LL  
 Fuel Capacity (Useable) \_\_\_\_\_ gal  
 Fuel Capacity (Total) \_\_\_\_\_ gal

**BAGGAGE**

Max Baggage \_\_\_\_\_ pounds

SECTION IIb: AERO CLUB LIMITS

**WINDS/WX**

Turbulent Air Penetration \_\_\_\_\_ KIAS  
 Max Crosswind Dry Runway \_\_\_\_\_ Knots  
 Winds greater than \_\_\_\_\_ Knots  
 Day VFR minimum \_\_\_\_\_ feet / \_\_\_\_\_ SM  
 Night VFR minimum \_\_\_\_\_ feet / \_\_\_\_\_ SM

**RUNWAY**

Length \_\_\_\_\_ feet or sum of T/O & LDG Roll  
 (Whichever greater)  
 Width \_\_\_\_\_ feet

**ALTITUDE LIMITATIONS**

Minimum Altitude (when practical) \_\_\_\_\_ feet AGL  
 Mountainous Terrain \_\_\_\_\_ feet AGL  
 Min Altitude for maneuvering \_\_\_\_\_ feet AGL  
 Min Altitude for maneuvering (Night) \_\_\_\_\_ feet AGL  
 SEF (Simulated Engine Failure) below \_\_\_\_\_ feet AGL

**PROHIBITED MANEUVERS**

All \_\_\_\_\_  
 \_\_\_\_\_ Flight  
 \_\_\_\_\_ Spins  
 Maneuvering at \_\_\_\_\_ without current/qualified CFI

**STUDENT LIMITS – Filled out by SP's ONLY**

Max Crosswind \_\_\_\_\_ Knots  
 Forecast or Actual Surface Wind \_\_\_\_\_ Knots  
 \_\_\_\_\_ Landings – Prohibited  
 \_\_\_\_\_ Hours Solo or \_\_\_\_\_ Days without dual ride  
 Solo at \_\_\_\_\_ – Prohibited  
 No \_\_\_\_\_  
 Local WX minimum Solo \_\_\_\_\_ feet / \_\_\_\_\_ SM  
 Cross-country WX minimum Solo \_\_\_\_\_ feet / \_\_\_\_\_ SM