



**DEPARTAMENTO "SEGURIDAD OPERACIONAL"**  
**SUBDEPARTAMENTO "LICENCIAS"**  
**SECCIÓN EVALUACIONES**

**CESSNA 172 - SKYHAWK**  
**CC – ALY**

NOMBRE: \_\_\_\_\_

Firma: \_\_\_\_\_

FECHA: \_\_\_\_\_

**A.- LIMITATIONS**

**1.- Airspeed Limitations (CAS)**

	<b>MPH</b>
Va	
Vne	
Vno	
Vfe	
Vs	
Vso	
Vx	
Vy	
Vr	
Vapp (Flaps Down)	
Vglide (Flaps UP)	
Max Crosswind- <b>KTS</b>	

**2.- Fuel Limitations (U.S GAL)**

Approved Fuel Grades	
Total fuel	
Unusable fuel (each tank)	

**3.- Weight limits (LBS)**

Maximum TAKE-OFF	
Baggage 1	
Baggage 2	
Areas (1 + 2)	

**4.- Power Plant Limitations**

<b>Engine Operations Limits</b>	
Maximum power HP	
Maximum engine speed	
<b>Static RPM</b>	
Maximum	
Minimum	
<b>Oil Pressure (PSI)</b>	
Maximum	
Minimum	
<b>Oil Temperature (°F)</b>	
Maximum	
Minimum	

**5.- Maneuvers Limits**

A.- (Utility category)

<b>Maneuvers – Maximum Entry Speed MPH*</b>	
Chandelle	
Lazy Eights	
Steep Turns	
Spins	
Stalls Except Whip Stalls)	

**\*Abrupt use of the controls is prohibited above \_\_\_\_\_ MPH.**

## B.- EMERGENCY PROCEDURES

### 1.- ENGINE FAILURE DURING TAKEOFF

Throttle	
Brakes	
Wing Flaps	
Mixture	
Ignition Switch	
Master Switch	

### 2.- ENGINE FAILURE IMMEDIATELY AFTER TAKEOFF

Airspeed	<u>          </u> Flaps UP <u>          </u> Flaps DOWN
Mixture	
Fuel Selector Valve	
Ignition Switch	
Wing Flaps	
Master Switch	

### 3.- ENGINE FAILURE DURING FLIGHT

Airspeed	
Carburetor Heat	
Primer	
Fuel Shutoff Valve	
Mixture	
Ignition Switch	<u>          </u> (or <u>          </u> if propeller is stopped)

### 4.- EMERGENCY LANDING WITHOUT ENGINE POWER

Airspeed	<u>          </u> Flaps UP <u>          </u> Flaps DOWN
Mixture	
Fuel Selector Valve	
Ignition Switch	
Wing Flaps	
Master Switch	
Doors	
Touchdown	
Brakes	

## 5.- FIRE DURING START ON GROUND

Cranking	<u>                    </u> , to get a start which would suck the Flames and accumulated fuel through the carburetor and into the engine.
<b>If engine starts</b>	
Power	
Engine	
<b>If engine fails to starts</b>	
Cranking	<u>                    </u> , in effort to obtain a start
Fire Extinguisher	
Engine	
Master Switch	
Ignition Switch	
Fuel Shutoff Valve	
Fire	
Fire Damage	

## 6.- ENGINE FIRE IN FLIGHT

Mixture	
Fuel Selector	
Master Switch	
Cabin Heat and Air	
Airspeed	<u>                    </u> , If fire is not extinguished, increase glide speed to find an airspeed which will provide an incombustible mixture).
Forced Landing	<u>                    </u> , as described in emergency landing without engine power.