



**DEPARTAMENTO “SEGURIDAD OPERACIONAL”
SUBDEPARTAMENTO “LICENCIAS”**

**“CESSNA C-172M”
CLUB AEREO LOS ANGELES
“CC-SLC”**

A.- OPERATING LIMITATIONS

1.- Limitations Speed (MPH)

Va	112
Vne	182
Vno	145
Vfe	100
Vs	57
Vso	49
Vx	68
Vy	80
Vr	60
Vapp (Flap DN)	65-75
Vplaneo	80
Max Viento Cruzado	15

2.- Fuel (U.S. GAL)

Type to Use	100 LL
Total Capacity	42
Usable Capacity	38
Aceite (QTS)	
Maximo	8
Minimo	5

3.- Weight (LBS)

Maximum TAKE-OFF	2300
Maximum Baggage	120

4.- Engine (Maximum Continuous Power)

Engine Operating Limitation	
Reason HP o BHP	150
Maximum RPM	2700
Static RPM	
Máximo	2370
Mínimo	2270
Oil Temperature (°F)	
Máxima	245
Mínimo	100
Oil Pressure (PSI)	
Máximo	100
Mínimo	25

5.- Limite de MAniobras

MANIOBRAS	IAS(MPH)
Spins (Flaps UP)	SLOW DECELERATION
Stalls (Except Whip Stalls)	SLOW DECELERATION
Escarpados	112
Ocho Flojo	120
Chandela	120

B.- PROCEDIMIENTOS DE EMERGENCIA:

1.- ENGINE FAILURE DURING TAKEOFF RUN:

- | | |
|--------------------|---------------------|
| 1. Throttle | IDLE |
| 2. Brakes | APPLY |
| 3. Wing Flaps | RETRACT |
| 4. Mixture | IDLE CUT-OFF |
| 5. Ignition Switch | OFF |
| 6. Master Switch | OFF |

2. - ENGINE FAILURE IMMEDIATELY AFTER TAKEOFF:

- | | |
|---------------------|---------------------------|
| Airspeed | 75 KIAS (FLAPS UP) |
| | 70 KIAS (FLAPS DN) |
| Mixture | IDLE CUT-OFF |
| Fuel Selector Valve | OFF |
| Ignition Switch | OFF |
| Wing Flaps | AS REQUIRED |
| Master Switch | OFF |

3. - ENGINE FAILURE DURING FLIGHT:

Airspeed	80 MPH
Carburetor Heat	ON
Fuel Selector Valve	BOTH
Mixture	RICH
Ignition Switch	BOTH (OR START IF PROPELLER IS STOPPED)
Primer	IN AND LOCKED

4. - ENGINE FIRE IN FLIGHT:

Mixture	IDLE CUT-OFF
Fuel Selector Valve	OFF
Master Switch	OFF
Cabin Heat and Air	OFF
Airspeed	120 MPH (IF FIRE IS NOT EXTINGUISHED, INCREASE GLIDE SPEED TO FIND AN AIRSPEED WHICH WILL PROVIDE AN INCOMBUSTIBLE MIXTURE)
Forced Landing	EXECUTE