



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

**"CESSNA C-172F"**  
**"CC-KLB"**

**A.- Limitaciones de Operación**

1.- Limitaciones (Velocidades)

	MPH
Va	122
Vne	174
Vno	140
Vfe 10°	100
Vs	59
Vso	49
Vx	65
Vy	80
Vr	60
Vapp (Flap DN)	65-75
Vplano	80
Max Cross Wind	20

2.- Combustible (U.S. GAL)

Tipo a Utilizar	100LL
Capacidad Total	39
Capacidad Usable	36
Presión de Combustible (PSI)	
Mínima	Red Line
Máxima	Red Line

3.- Pesos (LBS)

Máximo TAKE-OFF	2.300
Máximo Equipaje	120

4.- Motor (Potencia Máxima Continua)

Limitaciones Operativas de Motor	
Razón HP o BHP	145
Máximas RPM	2.700
RPM estáticas	
Máximas	2.500
Mínimas	2.200
Temperatura de aceite (°F)	
Máxima	Red Line
Mínima	Red Line
Presión de aceite (PSI)	
Máxima	100
Mínima	10

5.- Limites de maniobras (Cat. Utilitario)

MANIOBRA	MPH
Spin (Flaps UP)	SLOW DECELERATION
Escarpados	122
Ocho Flojo	122
Chandela	122

## B.- Emergencies Procedures

### 1.- ENGINE SHUTDOWN

Mixture	IDLE CUT-OFF
Selector Fuel Valve	OFF
Magneto switch	OFF

### 2.- ENGINE FAILURE DURING TAKEOFF RUN

Throttle	IDLE
Brakes	APPLY
Engine Shutdown	EXECUTE

### 3. - ENGINE FAILURE IMMEDIATELY AFTER TAKEOFF

Airspeed	80 MPH (FLAPS UP)
Mixture	IDLE CUT-OFF
Fuel Shutoff Valve	OFF
Magneto Switch	OFF
Wing Flaps	AS REQUIRED
Master Switch	OFF

### 4. - ENGINE FAILURE DURING FLIGHT

Airspeed	80 MPH
Fuel Selector Valve	BOTH
Mixture	RICH
Throttle	VERIFY
Carburetor Heat	ON
Master Switch	ON
Magneto Switch	BOTH
Primer	IN AND LOCKED

## 5. - FIRE DURING START ON GROUND

Mixture	IDLE CUT-OFF
Throttle	FULL OPEN
Cranking	CONTINUE
Master Switch	OFF
Fuel Selector Valve	OFF
Magneto Switch	OFF
Airplane	EVACUATE

## 6. - ENGINE FIRE IN FLIGHT

Mixture	IDLE CUT-OFF
Fuel Shutoff Valve	OFF
Magneto Switch	OFF
Master Switch	OFF
Forced Landing	EXECUTE