



DEPARTAMENTO “SEGURIDAD OPERACIONAL”
SUBDEPARTAMENTO “LICENCIAS”
SECCIÓN EVALUACIONES

“CESSNA C-172”
“ADOLFO MENADIER”

A.- Limitaciones de Operación

1.- Limitaciones (Velocidades)

	MPH
Va	115
Vne	160
Vno	140
Vfe 10°	100
Vs	58
Vso	52
Vx	60
Vy	72
Vr	60
Vapp (Flap DN)	65-75
Vplaneo	75
Max Cross Wind	20

2.- Combustible (U.S. GAL)

Tipo a Utilizar	100/130
Capacidad Total	37
Capacidad Usable	35
Presión de Combustible (PSI)	
Mínima	Red Line
Máxima	Red Line

3.- Pesos (LBS)

Máximo TAKE-OFF	2.200
Máximo Equipaje	120

4.- Motor (Potencia Máxima Continua)

Limitaciones Operativas de Motor	
Razón HP o BHP	145
Máximas RPM	2.700
RPM estáticas	
Máximas	2.450
Mínimas	2.200
Temperatura de aceite (°F)	
Máxima	Red Line
Mínima	Red Line
Presión de aceite (PSI)	
Máxima	50
Mínima	5

5.- Limites de maniobras (Cat. Normal)

MANIOBRA	MPH
Spin (Flaps UP)	SLOW DECELERATION
Escarpados	115
Ocho Flojo	115
Chandela	115

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
Drain	SECURED
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