



"CESSNA C-172"

"CLUB DE PLANEADORES DE VITACURA"

NOMBRE : _____ FIRMA: _____

FECHA : _____

A.- Limitaciones de Operación

1.- Limitaciones (Velocidades)

	MPH
Va	122
Vne	174
Vno	140
Vfe	100
Vs	59
Vso	52
Vx	58-68
Vy	77-82
Vr	60
Vapp (Flap DN)	65-75
Vplaneo	70-80
Max Cross Wind	15

2.- Combustible (U.S. GAL)

Tipo a Utilizar	100/130
Capacidad Total	52
Combustible Usable	48
Presión de Combustible (PSI)	
Mínima	N/A
Máxima	N/A

3.- Pesos (LBS)

Máximo TAKE-OFF	2.300
Máximo Equipaje	120

4.- Motor (Potencia Máxima Continua)

Limitaciones Operativas de Motor	
Razón HP o BHP	150
Máximas RPM	2.700
RPM estáticas	
Máximas	2.500
Mínimas	2.200
Temperatura de aceite (°F)	
Máxima	245
Mínima	Red Line o 40
Presión de aceite (PSI)	
Máxima	100
Mínima	25

5.- Límites de maniobras (CatNormal)

MANIOBRA	MPH
Spin (Flaps UP)	Slow Deceleration
Escarpados	122
Ocho Flojo	122
Chandela	122

B.- Emergency Procedure

1.- ENGINE POWER LOSS DURING TAKEOFF (Not Airborne)

a.- Sufficient runway remaining:

Throttle	Close Immediately
Brakes	Apply as required
Stop	Straight ahead

b.- Insufficient runway remaining:

Throttle	Close Immediately
Brakes	Apply as required
Mixture	Idle cut - Off
Fuel selector valve	Off
Master switch	Off
Magnetos	Off
Directional Control	Maintain; Maneuver to avoid obstacles

2. - ENGINE POWER LOSS DURING TAKEOFF (if Airborne)

a.- Sufficient runway remaining:

Airspeed	Maintain above stall
Directional control	Maintain
Land	Straight ahead

b.- Insufficient runway remaining:

Airspeed	Maintain above stall
Throttle	Close
Mixture	Idle cut-off
Fuel selector valve	Off
Master switch	Off
Magnetos	Off
Flaps	As situation requires
Directional Control	Maintain –Make only shallow turns to Avoid obstacles

3. ENGINE FAILURE IN FLIGHT

Speed	70-80 MPH
Fuel selector valve	Both
Mixture	Full Rich
Primer	Secure
Magnetos	Check

4. ENGINE FIRE DURING START ON GROUND

Starter	Continue cranking
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a.- If the start is successful:

Engine	1.700 RPM for a few minutes
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Before shutting it down to inspect damage.

b.- If engine start is unsuccessful,

Continue	Cranking for two or three minutes
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When ready to extinguish fire,

Release	Starter
Master switch	Off
Ignition switch	Off
Fuel selector valve	Off

5. ENGINE FIRE IN FLIGHT

Mixture control	Idle cut-off
Fuel selector valve	Off
Master switch	Off
Establish a glide	65-75
Cabin heat control	Close
Select a field	Forced landing