



DEPARTAMENTO “SEGURIDAD OPERACIONAL”
SUBDEPARTAMENTO “LICENCIAS”
SECCIÓN EVALUACIONES

“CESSNA C-150G”

“AEROPOSTAL”

A.- Limitaciones de Operación

1.- Limitaciones (Velocidades)

	MPH
Va	109
Vne	140
Vno	92
Vfe	100
Vs	55
Vso	50
Vx	65
Vy	75
Vr	58
Vapp (Flap DN)	75
Vplaneo	7075
Max Cross Wind	15

2.- Combustible (U.S. GAL)

Tipo a Utilizar	100/130
Capacidad Total	26
Combustible Usable	22,5
Presión de Combustible (PSI)	
Mínima	4 – 4.5
Máxima	5

3.- Pesos (LBS)

Máximo TAKE-OFF	1.600
Máximo Equipaje	140

4.- Motor (Potencia Máxima Continua)

Limitaciones Operativas de Motor	
Razón HP o BHP	100
Máximas RPM	2.750
RPM estáticas	
Máximas	2.500
Mínimas	2.475
Temperatura de aceite (°F)	
Máxima	225
Mínima	110
Presión de aceite (PSI)	
Máxima	Red Line
Mínima	Red Line

5.- Límites de maniobras (Cat. Normal)

MANIOBRA	MPH
Spin (Flaps UP)	Slow Deceleration
Escarpados	109
Ocho Flojo	109
Chandela	109

B.- Emergency Procedure

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

Throttle	CLOSE
Mixture	IDLE CUT-OFF
Magnetos	OFF
Flaps	UP
Master switch	OFF

2.- ENGINE POWER LOSS AFTER TAKEOFF (Airborne)

Airspeed	70 MPH
Throttle	CLOSE
Mixture	IDLE CUT-OFF
Magnetos	OFF
Flaps	UP
Master switch	OFF

3.- ENGINE FAILURE IN FLIGHT

Airspeed	70 MPH
Carburetor Heat	HOT
Fuel Selector	ON
Mixture	RICH
Primer	LOCKED
Magnetos	BOTH
Master	ON
Starter	PULL BACK

3. ENGINE FIRE DURING START ON GROUND

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

Engine	1700 RPM for a few minutes
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Before shutting it down to inspect damage.

b.- If engine start is successful,

Continue

Cranking for two or three minutes

When ready to extinguish fire,

Release

Starter

Master switch

OFF

Ignition switch

OFF

Fuel shutoff valve

OFF

4. ENGINE FIRE IN FLIGHT

Mixture control

IDLE CUT-OFF

Fuel shutoff valve

OFF

Master switch

OFF

Establish a glide

100 MPH

Cabin heat control

Close

Select a field

Forced Landing