



DEPARTAMENTO "SEGURIDAD OPERACIONAL"
SUBDEPARTAMENTO "LICENCIAS"

"Cessna C172N"

"CC-LFC"

A. LIMITACIONES DE OPERACIÓN

1.- Limitaciones (Velocidades)

	KIAS
Va	97
Vne	158
Vno	127
Vfe	110
Vs	44
Vso	33
Vx	53
Vy	70 - 80
Vr	55
Vapp (Flap DN)	55 - 65
Vplaneo	65
Max Cross Wind	15

2.- Combustible (U.S. GAL)

Tipo a Utilizar	100/130
Capacidad Total	54
Capacidad Usable	50

3.- Pesos (LBS)

Máximo TAKE-OFF	2.300
Máximo Equipaje	120

4.- Motor (Potencia Máxima Continua)

Limitaciones Operativas de Motor	
Razón HP ó BHP	160
Máximas RPM	2700
RPM Estáticas	
Máximas	2400
Mínimas	2280
Temperatura de Aceite (°F)	
Máxima	245
Mínima	100
Presión de Aceite (PSI)	
Máxima	115
Mínima	25

5.- Límites de maniobras (Cat. Utilitario)

Maniobra	KIAS
Spin (Flaps Up)	Slow Deceleration
Escarpados	95
Ocho Flojo	105
Chandela	105

B. EMERGENCY PROCEDURES

1.- ENGINE FAILURE DURING TAKE-OFF RUN

Throttle	IDLE
Brakes	APPLY
Flaps	RETRACT
Mixture	IDLE CUT-OFF
Ignition Switch	OFF
Master Switch	OFF

2. - ENGINE FAILURE IMMEDIATELY AFTER TAKEOFF

Airspeed	65 KTS (FLAPS UP) 60 KTS (FLAPS DOWN)
Mixture	IDLE CUT-OFF
Fuel Selector Valve	OFF
Ignition Switch	OFF
Wing Flaps	AS REQUIRED
Master Switch	OFF

3. - ENGINE FAILURE DURING FLIGHT

Airspeed	65 KTS
Carburetor Heat	ON
Fuel Selector Valve	BOTH
Mixture	RICH
Ignition Switch	BOTH (or START if propeller is stopped)
Primer	IN and LOCKED

4. - FIRE DURING START ON GROUND

Cranking	CONTINUE
If engine starts:	
Power	1700 RPM for a few minutes.
Engine	SHUTDOWN and inspect for damage.
If engine fails to start:	
Throttle	FULL OPEN
Mixture	IDLE CUT-OFF
Cranking	CONTINUE
Fire Extinguisher	OBTAIN
Engine	SECURE
a. Master switch	OFF
b. Ignition switch	OFF
c. Fuel selector valve	OFF

Fire	EXTINGUISH
Fire Damage	INSPECT

5. - ENGINE FIRE IN FLIGHT

Mixture	IDLE CUT-OFF
Fuel Selector Valve	OFF
Master Switch	OFF
Cabin Heat and Air	OFF
Airspeed	100 KTS
Forced Landing	EXECUTE