



DEPARTAMENTO “SEGURIDAD OPERACIONAL”
SUBDEPARTAMENTO “LICENCIAS”

“CESSNA C-152 (1981) CC-SOM”
“CLUB AÉREO DE OSORNO”

A.- Limitaciones de Operación

1.- Limitaciones (Velocidades)

	KIAS
Va	104
Vne	149
Vno	111
Vfe	85
Vs	40
Vso	35
Vx	55
Vy	67
Vr	50
Vapp (Flap DN)	55-65
Vplaneo	60
Max Cross Wind	12

2.- Combustible (U.S. GAL)

Tipo a Utilizar	100 LL
Capacidad Total	26
Capacidad Usable	24.5

3.- Pesos (LBS)

Máximo TAKE-OFF	1.670
Máximo Equipaje	120

4.- Motor (Potencia Máxima Continua)

Limitaciones Operativas de Motor	
Razón HP o BHP	110
Máximas RPM	2.550
RPM estáticas	
Máximas	2.380
Mínimas	2.280
Temperatura de aceite (°F)	
Máxima	245
Mínima	100
Presión de aceite (PSI)	
Máxima	115
Mínima	25

5. Límites de maniobras (Cat Normal)

MANIOBRA	KIAS
Spin (Flaps UP)	Slow Deceleration
Escarpados	95
Ocho Flojo	95
Chandela	95

B.- Emergencies Procedures

1.- ENGINE FAILURE DURING TAKEOFF RUN

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

2. - ENGINE FAILURE IMMEDIATELY AFTER TAKE OFF

Airspeed	60 KIAS
Mixture	IDLE CUT-OFF
Fuel Shutoff Valves	OFF
Ignition Switch	OFF
Wing Flaps	AS REQUIRED
Master Switch	OFF

3. - ENGINE FAILURE DURING FLIGHT

Airspeed	60 KIAS
Carburetor Heat	ON
Primer	IN and LOCKED
Fuel Shutoff Valve	ON
Mixture	RICH
Ignition Switch	BOTH (OR START IF PROPELLER IS STOPPED)

4. – ENGINE FIRE DURING START ON GROUND

Cranking	CONTINUE
a.- If engine start:	
Power	1700 RPM FOR A FEW MINUTES
Engine	SHUTDOWN AND INSPECT FOR DAMAGE
b.- If engine fails to start:	
Cranking	CONTINUE in an effort to obtain a start
Fire Extinguisher	OBTAIN
Engine	SECURE
Master switch	OFF
Ignition switch	OFF
Fuel Shutoff valve	OFF
Fire	EXTINGUISH using fire extinguisher
Fire Damage	INSPECT

5. - ENGINE FIRE IN FLIGHT

Mixture control	IDLE CUT-OFF
Fuel shutoff Valves	OFF
Master Switch	OFF
Cabin heat and Air	OFF
Airspeed	85 KIAS
Forced Landing	EXECUTE