



DEPARTAMENTO “SEGURIDAD OPERACIONAL”
SUBDEPARTAMENTO “LICENCIAS”
SECCIÓN EVALUACIONES

“CESSNA C-152”
“CLUB AÉREO NAVAL”

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	100/130
Capacidad Total	30
Combustible Usable	37.5

3.- Pesos (LBS)

Máximo TAKE-OFF	1.670
Máximo Equipaje	120

4.- Motor (Potencia Máxima Continua)

Limitaciones Operativas de Motor	
Razón HP o BHP	108
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
Rango	60 a 90
Mínima	25

5.- Límites de maniobras (Cat. Normal)

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

B.- Emergency Procedure

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

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

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

Airspeed	60 KIAS
Mixture	IDLE CUT-OFF
Fuel Shutoff Valve	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:

Throttle **FULL OPEN**
Mixture **IDLE CUT - OFF**
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 valve **OFF**
Master switch **OFF**
Cabin heat and Air **OFF**
Airspeed **85 KIAS**
Forced Landing **EXECUTE**