



DEPARTAMENTO “SEGURIDAD OPERACIONAL”
SUBDEPARTAMENTO “LICENCIAS”
SECCIÓN EVALUACIONES

“CESSNA C-182”

“SR. BORTNIK”

A.- Limitaciones de Operación

1.- Limitaciones (Velocidades)

	KIAS
Va	126
Vne	198
Vno	160
Vfe	110
Vs	64
Vso	57
Vx	63
Vy	90
Vr	60
Vapp (Flap DN)	63
Vplaneo	80
Max Cross Wind	15

2.- Combustible (U.S. GAL)

Tipo a Utilizar	100/130
Capacidad Total	65
Capacidad Usable	60
Presión de Combustible (PSI)	
Mínima	Red Line
Máxima	Red Line

3.- Pesos (LBS)

Máximo TAKE-OFF	2.850
Máximo Equipaje	120

4.- Motor (Potencia Máxima Continua)

Limitaciones Operativas de Motor	
Razón HP o BHP	230
Máximas RPM	2.600
Cylinder Head temperatura (°F)	
Máximas	Red Line
Mínimas	Red Line
Temperatura de aceite (°F)	
Máxima	Red Line
Mínima	Red Line
Presión de aceite (PSI)	
Máxima	100
Mínima	10

5.- Límites de maniobras (Cat. Normal)

MANIOBRA	KIAS
Spin (Flaps UP)	Prohibit
Escarpados	126
Ocho Flojo	126
Chandela	126

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 TAKEOFF

Airspeed	70 KIAS (FLAPS UP) 65 KIAS (FLAPS DN)
Mixture	IDLE CUT-OFF
Fuel Shutoff Valve	OFF
Ignition Switch	OFF
Wing Flaps	AS REQUIRED
Master Switch	OFF

3. - ENGINE FAILURE DURING FLIGHT

Airspeed	70 KIAS
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	1.700 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
Master Switch	OFF
Ignition Switch	OFF
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	80 KIAS
Forced Landing	EXECUTE