



**DEPARTAMENTO “SEGURIDAD OPERACIONAL”
SUBDEPARTAMENTO “LICENCIAS”
SECCIÓN EVALUACIONES**

**“PIPER PA-32 301
SARATOGA” “CC-PLÉ”**

A.- Limitaciones de Operación

1.- Limitaciones KIAS)

Va	3.600 lbs	134
Vne		197
Vno		154
Vfe		112
Vs		62
Vso		58
Vx		76
Vy		90
Vr		66
Vapp (Flaps DN)		79
Vplaneo		80
Max Cross Wind		17

2.- Combustible (U.S. GAL)

Tipo a Utilizar	100/130
Capacidad Total	107
Capacidad Usable	102
Presión de Combustible	
Máxima	14
Mínima	0

3.- Pesos (LBS)

Máximo TAKE-OFF	3.600
Máximo Equipaje	200

4.- Motor (Potencia Máxima Continua)

Limitaciones Operativas de Motor	
Razón HP o BHP	300
Máximas RPM	2.700
Temperatura Cabeza de Cilindros (°F)	
Máxima	500
Mínima	200
Presión de Aceite (PSI)	
Máxima	100
Mínima	25
Temperatura de Aceite (°F)	
Máxima	245
Mínima	75

5.- Límites de Maniobras (Cat. Normal)

Spin (Flaps UP)	Prohibido
Escarpados	134

B.- Emergency Procedure

1.- ENGINE POWER LOSS DURING TAKEOFF (Airplane on ground)

a.- If sufficient runway remains:

Throttle	CLOSED
Brakes	APPLY
Land straight ahead	

b.- If not sufficient runway remains:

Throttle	CLOSED
Mixture	IDLE CUT OFF
Master/ALT	OFF
Fuel Selector	CLOSED
Magnetos	OFF
Brakes	AS REQUIRED

2.- ENGINE POWER LOSS DURING TAKEOFF (Airplane in Flight)

a.- If sufficient runway remains:

Flaps	FULL
Throttle	CLOSED
Land straight ahead	

b.- If not sufficient runway remains:

Airspeed	80 KIAS
Fuel Selector	SWITCH OTHER TANK
Electric Fuel Pump	ON
Mixture	RICH
Alternate Air	OPEN

3.- ENGINE POWER LOSS IN FLIGHT

a.- If at low altitude:

Airspeed	MAINTAIN 83 KIAS MIN
Prepare for power off landing	

b.- If altitude permits:

Fuel Selector	SWITCH TO TANK CONTAINING FUEL
Electrical fuel pump	ON
Mixture	RICH
Alternate Air	OPEN
Engine Gauge	CHECK FOR INDICATION OF CAUSE OF POWER LOSS

4.- ENGINE FIRE DURING START

Starter	CRANK ENGINE
Mixture	IDLE CUT OFF
Throttle	OPEN
Electric Fuel Pump	OFF
Fuel selector	OFF
Abandon if fire continues	

5.- ENGINE FIRE IN FLIGHT

Source of fire	CHECK
Fuel selector	OFF
Throttle	CLOSED
Mixture	IDLE CUT OFF
Electrical Fuel Pump	OFF
Heater and Defroster	OFF
Proceed with power off landing procedure.	