



DEPARTAMENTO “SEGURIDAD OPERACIONAL”
SUBDEPARTAMENTO “LICENCIAS”
SECCIÓN EVALUACIONES

“PIPER AZTECA PA-23”

A.- Limitaciones de Operación

1.- Limitaciones (MPH)

Va	
Vne	256
Vno	
Vfe (Full DN)	125
Vle	150
Vmca	80
Vs	74
Vso	68
Vx	104
Vy	120
Vsse	
Vxse	97
Vyse	102
Emergency Descent	
Vbalked landing	
Vapp (Flap DN)	
Max Cross Wind	

2.- Combustible (U.S. GAL)

Tipo a Utilizar	100/130
Capacidad Total	144
Combustible Usable	140
Presión de Combustible (PSI)	
Máxima	
Mínima	

3.- Pesos (LBS)

Máximo TAKE-OFF	5.200
Máximo LANDING	4.940
Máximo Baggaje FWD	150
Máximo Baggaje REAR	150

4.- Motor (Potencia Máxima Continua)

Limitaciones Operativas de Motor	
Razón HP o BHP	250
Máximas RPM	2.575
Temperatura Cabeza de Cilindros (°F)	
Máxima	
Mínima	
Temperatura de aceite (°F)	
Máxima	
Mínima	
Presión de aceite (PSI)	
Máxima	
Mínima	

5.- Limites de Maniobras (Cat. Normal)

Spin	
Escarpados	

B.- Emergencies Procedures

1. ENGINE FAILURE DURING TAKEOFF

Throttle	CLOSED
Braking	MAXIMUM

If insufficient runway remains for stopping:

Fuel Selector Valves	OFF
Battery	OFF
Generator / Alternator	OFF
Magneto / Start Switches	OFF

2. ENGINE FAILURE AFTER LIFT-OFF AND IN FLIGHT

Landing Gear and Flaps	UP
Throttle (Inop. Engine)	CLOSED
Propeller (Inop. Engine)	FEATHER
Power (Oper. Engine)	AS REQUIRED
Airspeed	MAINTAIN SPEED AT ENGINE FAILURE (100 KIAS MAX.) UNTIL OBSTACLES ARE CLEARED

After positive control of the airplane is established:

Secure Inoperative Engine:

Mixture Control	IDLE CUT-OFF
Fuel Selector	OFF
Fuel Boost Pump	OFF
Magneto/Start Switch	OFF
Generator Switch	OFF
Cowl Flap	CLOSED

3. ENGINE FIRE ON THE GROUND

Mixture Controls	IDLE CUT-OFF
Continue	TO CRANK AFFECT ENGINE
Fuel Selector Valves	OFF
Battery and Generator Switch	OFF
Extinguish	WITH FIRE EXTINGUISHER

4. ENGINE FIRE IN FLIGHT

Fuel Selector Valves	OFF
Mixture Controls	IDLE CUT-OFF
Propeller	FEATHERED
Fuel Boost Pump	OFF
Magneto/Start Switch	OFF
Generator Switch	OFF

5. EMERGENCY DESCENT

Propellers	2.625 RPM
Throttles	CLOSED
Airspeed	143 KIAS
Landing Gear	DOWN
Flaps	UP