



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

“PIPER NAVAJO PANTHER PA - 31”

“JOSÉ ANTONIO URRUTIA RIESCO CC-POJ”

NOMBRE : _____ FIRMA: _____

FECHA : _____

A.- Operations Limitations

1.- Limitaciones (KIAS)

Va	
Vne	
Vno	
Vfe 15°	
Vfe 25°	
Vle	
Vlo (Extensión)	
Vlo (Retraction)	
Vmca	
Vs	
Vso	
Vx	
Vy	
Vsse	
Vxse	
Vyse	
Emergency Descent	
Vbalked landing	
Vapp (Flap DN)	
Max Cross Wind	

2.- Combustible (U.S. GAL)

Tipo a Utilizar	
Capacidad Total	
Combustible Usable	
Presión de Combustible (PSI)	
Máxima	
Mínima	

3.- Pesos (LBS)

Máximo TAKE-OFF	
Máximo Baggaje FWD	
Máximo Baggaje AFT	
Nacelle (ea/o)	

4.- Motor (Potencia Máxima Continua)

Limitaciones Operativas de Motor	
Razón HP o BHP	
Máximas RPM	
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)

Maneuver	Entry Speed
Spins	

B.- Emergencies Procedures

1.- ENGINE FAILURE DURING NORMAL TAKEOFF (83 KIAS or below)

a.- If Sufficient runway remains for a safe stop:

Throttle _____

Brakes _____

Stop Straight Ahead

b.- If Insufficient runway remains for a safe stop:

Throttle _____

Mixture _____

Master Switch _____

Fuel Selector _____

Magnetos Switches _____

Maintain directional control and maneuver to avoid obstacles.

2.- ENGINE FAILURE DURING NORMAL TAKEOFF (above 83 KIAS)

Directional Control _____

Power (Oper. Engine) _____

Propeller Control (Inop. E.) _____

Landing Gear _____

Bank _____

Airspeed _____

Cowl Flaps (Inop. Eng.) _____

Airspeed _____

Engine Securing Procedures _____

Land as soon as practical at the nearest suitable.

3.- ENGINE FAILURE DURING FLIGHT (ABOVE 78 KIAS)

Inoperative engine _____
Operative engine _____
Airspeed _____

Before securing inoperative engine:

Fuel Flow _____
Fuel Quantity _____
Fuel Selector (inop. Eng.) _____
Oil pressure and temperature _____
Magneto switches _____
Air Start _____

If engine does not start, complete Engine Securing Procedure

4.- ENGINE FEATHERING PROCEDURE

Throttle _____
Propeller (1000 RPM Min) _____
Mixture _____
Cowl Flap _____
Air Conditioner _____

5.- ENGINE FIRE ON GROUND

Firewall Fuel Shutoff _____

Emergency Fuel Pump _____

Boost Pump CB _____

Brakes _____

Throttle (affect engine) _____

Radio _____

Mixture (if fire persists) _____

External fire extinguisher _____

If fire continues, shutdown both engines and evacuate.

If fire is on the ground, it may be possible to taxi away.

6.- ENGINE FIRE IN FLIGHT

Throttle _____

Mixture _____

Firewall Fuel Shutoff _____

Engine _____

If fire persists:

Airspeed _____

Land at nearest suitable airport.