



DEPARTAMENTO “SEGURIDAD OPERACIONAL”
SUBDEPARTAMENTO “LICENCIAS”
SECCIÓN EVALUACIONES

“PIPER TWIN COMANCHE”
PA-30-160

A.- Limitaciones de Operación

1.- Limitaciones (velocidades)

	MPH
Va	162
Vne	205
Vno	194
Vfe	125
Vle	150
Vmca	90
Vs	76
Vso	69
Vx	90
Vy	112
Vyse	105
Vapp	100
Vplaneo	100
Cross Wind	20

3.- Pesos	
Maximum T-OFF Weight	3.600 lbs.
Maximum Baggage	200 lbs.

4.- Motor	
Engine operating limits	
Rate Horsepower (HP)	160
Rate Speed (RPM)	2.700
Static RPM	Green Arc
Oil Temperature	120 – 245°F
Oil Pressure	60 – 90 PSI

2.- Combustible	
Tipo a utilizar	100/130 Green
Capacidad total	90 120 Gal.
Comb. Utilizable	84 114 Gal.
Fuel Pressure	Green Arc

5.- Maneuver Limits (Normal Category)	
MANEUVER	ENTRY SPEED
Spins (flaps Up)	PROHIBIT
Steep Turns	MAX 162 MPH

B.- Emergencies Procedures

1.- ENGINE FAILURE DURING TAKEOFF/ (Not Airborne)

a.- Adequate Runway Remaining:

Throttle	REDUCE ON BOTH ENGINE
Brakes	AS REQUIRED
Stop	AIRPLANE STRAIGHT AHEAD

2.- ENGINE FAILURE DURING TAKEOFF (Airborne)

a.- Adequate Runway Remaining:

Throttle	REDUCE ON BOTH ENGINE
Brakes	AS REQUIRED
Effect	LANDING

3.- ENGINE FAILURE IN FLIGHT

Maintain	SPEED AND DIRECTIONAL CONTROL
Mixture (Oper. Eng.)	RICH
Propeller (Oper. Eng.)	FORWARD
Throttle (Oper. Eng.)	FULL POWER
Throttle (inoper. Eng.)	RETARD AND CHECK MALFUNCTION
Fuel Pump	ON
Ignition switch	CHECK
Fuel Gauges & Cell Selector	CHECK

If power can not be regained:

Inoperative Engine	FEATHERED
Propeller Pitch Control	FEATHER POSITION
Mixture	IDLE CUT-OFF
Ignition Switch	OFF