



DEPARTAMENTO “SEGURIDAD OPERACIONAL”
 “SUBDEPARTAMENTO “LICENCIAS”

“PIPER PA-32 CHEROKEE SIX 300-C”

CC-PFC

A. LIMITACIONES DE OPERACIÓN

1.- Limitaciones de Velocidad en MPH	
Va	149
Vne	212
Vfe	125
Vs	70
Vso	61
Vx	95
Vy	105
Vr	75-80
Vapp (Flap Abajo)	90
Vplaneo	100
Max viento cruzado	20

4.- Motor (Potencia Máxima Continua)	
Limitaciones Operativas de Motor	
Razón HP o BHP	300
Máximas RPM	2700
Temperatura de aceite (°F)	
Máxima	240
Mínima	75
Presión de aceite (PSI)	
Máxima	100
Mínima	25

2.- Combustible (U.S. GAL)	
Tipo a Utilizar	100 / 130
Capacidad Total	84
Capacidad Usable	82

5.- Límites de maniobras (Cat Normal)	
MANIOBRAS	MPH
Spin (Flaps UP)	Prohibido
Escarpados	149
Ocho Flojo	149
Chandela	149

3.- Pesos (LBS)	
Máximo de Despegue	3400
Máximo de Equipaje	200

B. EMERGENCIES PROCEDURES

1. ENGINE FAILURE DURING TAKEOFF RUN

Throttle	IDLE
Brakes	APPLY as required
Wing Flaps	UPP
Mixture	IDDL E CUT-PFF
Magnetos Switch	OFF
Master Switch	OFF

2. ENGINE FAILURE IMMEDIATELY AFTER TAKEOFF

Airspeed	90 MPH
Mixture	IDDL E CUT-OFF
Fuel Selector	OFF
Magnetos Switch	OFF
Wing Flaps	A REQUIRED
Master Switch	OFF

3. ENGINE FAILURE DURING FLIGHT

Airspeed	100 MPH
Fuel Selector	SWITCH to another tank containing fuel
Electric Fuel Pump	ON
Mixture	RICH
Propeller Control	HIGH
Throttle	CLOSED and the one-inch open
Alternate Air	ON

4. FIRE DURING START ON GROUND

a) If engine has not start:

Cracking	CONTINUE until fire be extinguished
Mixture	IDLE CUT-OFF
Throttle	FULL OPEN

b) If engine has already started:

Fuel Selector	OFF
Mixture	OFF
Master	OFF
Airplane	EVACUATE

5. ENGINE FIRE IN FLIGHT

Fuel Selector	OFF
Throttle	CLOSED
Mixture	IDLE CUT-OFF
Heater	OFF in all cases of fire
Defroster	OFF in all cases of fire
Airplane	LAND If terrain permits

6. EMERGENCY LANDING

Ignition	OFF
Master Switch	OFF
Fuel Selector	OFF
Mixture	IDLE CUT-OFF
Seat Belt	TIGHT