



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

GIROPLANO “ARTHUR TRENDAK” TERCEL

NOMBRE : _____ FIRMA: _____

FECHA : _____

A.- Limitaciones de Operación

1.- Limitaciones (Velocidades)

	KM/H
Vne	200
Vno	175
Vc	140
Va	90
Vx	95
Vy	100
Vplaneo	100
Max Cross Wind	30

4.- Motor (Potencia Máxima Continua)

Limitaciones Operativas de Motor	
Razón HP o BHP	122 HP
Máximas RPM	5800 RPM
Max. RPM Cont.	5500 RPM
RPM Rotor Max	500 RPM
Min Pre Rotation	180 RPM
Mín in Flight	270 RPM
Normal Cruise	360-390 RPM
RPM Never exceed	500 RPM

2.- Combustible (Lts.)

Tipo a Utilizar	Min 97 Oct.
Capacidad Total	120
Capacidad Usable	118
Consumo promedio	20 Lt/hr
Presión de Combustible (PSI)	
Mínima	0.15 PSI
Máxima	0.4 PSI

Temperatura de aceite (°C)

Máx.	140°C.
Mín	50°C
Rango Verde	90-110°C
Presión de Aceite PSI	
Máxima	7 Bar
Mínima	0.8 Bar
Max. Temp. Agua	120°C
Max CHT	135°C

3.- Pesos (KGS)

Máximo TOW	560 Kgs
Min Ballast solo	8-15 Kgs.
CG Limits	+1.5*/+8.5*
Min solo Pilot	60 Kgs.

5.- Límites de maniobras (Cat. Normal)

MANIOBRA	
Max Pos G	+3.0 G
Max Neg. G	-0 G

B.- Emergencies Procedures

1.- ENGINE FAILURE DURING TAKEOFF RUN

Throttle	CLOSE
Brakes	APPLY
Mixture	CUT OFF
Ignition Switch	OFF
Master Switch	OFF

2. - ENGINE FAILURE IMMEDIATELY AFTER TAKEOFF

Airspeed	100 KM/H
Mixture	RICH
Fuel Shutoff Valves	OFF
Ignition Switch	OFF
Master Switch	OFF

- IF YOU ARE ABOVE 250FT YO CAN BACK TO LAND

3. - ENGINE FAILURE DURING FLIGHT

Airspeed	100 KM/H
Fuel Shutoff Valves	OFF
Mixture	RICH
Throttle	OPEN
Auxiliary Fuel Pump	ON
Ignition Switch	RESTART

4. - FIRE DURING START ON GROUND

Cranking	CONTINUE CRANKING
If Engine Start	POWER TO 2000 RPM, SHUTOFF ENGINE AND CHECK DAMAGE
If engine Fails to Start	
Throttles	CLOSED
Cranking	CONTINUE CRANKING
Engine	IGNITION, ELECTRICAL OFF
Fire	EXTINGUISH

5. - ENGINE FIRE IN FLIGHT

Fuel Shutoff Valves	CLOSED
Master Switch and Ignition	OFF
Airspeed	100 KM/H
Forced Landing	AS SOON AS POSSIBLE

6.- ELECTRICAL FIRE IN FLIGHT

Ignition and electrical switch	OFF
Fuel Selector valve	CLOSE

7.- CABIN FIRE

Ignition and electrical switch	OFF
Vents	OPEN

8.- ELECTRICAL FIRE IN FLIGHT

Non Essential Electrical Eq.

OFF

Land

AS SOON AS POSSIBLE

9.- DITCHING

Transmit

MAY DAY

No power

GENTLE APPROACH 95 KM/H

Cabin Doors

UNLATCH

Cabin Doors

CONDITION: High Wind -Heavy Sea: into wind

CONDITION: Light wind, Heavy Swells: Parallel

To Swells

Flare 10 feet above, on contact roll to right to stop blades.