



**DEPARTAMENTO "SEGURIDAD OPERACIONAL"**  
**SUBDEPARTAMENTO "LICENCIAS"**  
**SECCIÓN EVALUACIONES**

**GIROPLANO " RAAF-2000" GTX-SE**

**A.- Limitaciones de Operación**

Limitaciones de Velocidad.	de MPH
Vne	100
Vno	100
Arco verde	40-100
Vplaneo	60
Max Cross Wind	20

**2.- Combustible (U.S. GAL)**

Tipo a Utilizar	Min 92 oct
Capacidad Total	--
Capacidad Usable	--
Consumo Promedio	26-32 Lt/hr
<b>Presión de Combustible (PSI)</b>	
Mínima	25-42 PSI
Máxima	42 PSI

**3.- Pesos (LBS)**

Max TOW	1540 Lbs
Mín Ballast Solo	75-10 Lbs
CG Limits	6"-8" Nose Down
Mín Solo Pilot	150 Lbs

**4.- Motor (Potencia Máxima Continua)**

<b>Limitaciones Operativas de Motor</b>	
Razón HP o BHP	175 HP
Máximas RPM	5500 RPM
RPM Rotor Max	395 RPM
Mín Pre Rotation	200 RPM
Mín In Flight	270 RPM
Normal Cruise	290-345 RPM
RPM Never exceed	395 RPM
<b>Temperatura de aceite (°F)</b>	
Máx	235°F
Mín	0
Rango Verde	165-235 <sup>a</sup> F
<b>Presión de aceite (PSI)</b>	
Máxima	80 PSI
Mínima	20 PSI
Max Temp. Agua	220°F
Normal Temp. Agua	150-195°F

**5.- Limites de maniobras (Cat. Normal)**

<b>MANIOBRA</b>	
Max Pos G	+3.5 G
Max Neg. G	-0 G

## **B.- Emergencies Procedures**

### **1.- ENGINE FAILURE DURING TAKEOFF RUN**

Throttle	<b>CLOSE</b>
Brakes	<b>APPLY</b>
Mixture	<b>CUT OFF</b>
Ignition Switch	<b>OFF</b>
Master Switch	<b>OFF</b>

### **2. - ENGINE FAILURE IMMEDIATELY AFTER TAKEOFF**

Airspeed	<b>60 MPH</b>
Mixture	<b>RICH</b>
Fuel Shutoff Valve	<b>OFF</b>
Ignition Switch	<b>OFF</b>
Master Switch	<b>OFF</b>

### **3. - ENGINE FAILURE DURING FLIGHT**

Airspeed	<b>60 MPH</b>
Fuel Shutoff Valve	<b>OFF</b>
Mixture	<b>RICH</b>
Throttle	<b>OPEN</b>
Auxiliary Fuel Pump	<b>ON</b>
Ignition Switch	<b>RESTART</b>

#### 4. - FIRE DURING START ON GROUND

Cranking	CONTINUE CRANKING
Ig Engine Starts	POWER TO 2000 RPM SHUT OFF ENGINE AND CHECK DAMAGE
Engine Fails to Start	
Throttles	CLOSED
Cranking	CONTINUE
Engine	IGNITION,ELECTRICAL OFF
Fire	EXTINGUISH

#### 5. - ENGINE FIRE IN FLIGHT

Fuel Shutoff Valve	CLOSE
Master Switch And Ignition	OFF
Airspeed	60 MPH
Forced Landing	AS SOON AS POSSIBLE

#### 6.-ELECTRICAL FIRE IN FLIGHT

Ignition and Electrical	OFF
Fuel Selector	CLOSE

#### 7.- CABIN FIRE

Ignition and Electrical	OFF
Vents	OPEN

## 8.- ELECTRICAL MALFUNCTIONS

Non Essential Electrical Eq.	OFF
Land	AS SOON AS POSSIBLE

## 9.- DITCHING

Transmit	MAY DAY
No Power	GENTLE APPROACH 55-60 MPH
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.