



EXAMEN DE LIMITACIONES Y EMERGENCIAS "CC-ARC"

Nombre del piloto:		
Fecha	Aprobado	Reprobado
Nombre y Firma del Instructor que revisó		Firma del alumno

A.- LIMITACIONES DE OPERACIÓN

1.- Limitaciones (Velocidades)

	KIAS
V _A	90
V _{NE}	146
V _{NO}	115
V _{FE}	70
V _S	34
V _{SO}	33
V _X	56
V _Y	65
V _R	50
V Apch	60
V Planeo	60
Max Cross Wind	16

2.- Motor (Potencia Máxima Continua)

Limitaciones Operativas de Motor	
Razón HP o BHP	100 HP
RPM estáticas	
Mínimas	5000
Máximas	5800
Temperatura de aceite (°C)	
Operación normal	90 - 120
Mínima - Máxima	50 - 130
Presión de Aceite (BAR)	
Operación normal	2 - 5
Mínima - Máxima	0.8 - 7

3.- Combustible (LITROS)

Tipo a Utilizar	100LL
Capacidad Total	120
Combustible Usable	118

4.- Aceite (Its.)

Capacidad Total	3
Utilizable	3
Mínimo para operar	2

5.- Pesos (KG)

Máximo TAKE-OFF	600
Máximo Equipaje	25

6.- Límites de maniobra (Cat. Normal)

Chandela	90 KIAS
Ocho Flojo	90 KIAS
Escarpados	90 KIAS
Stalls	Slow Deceleration

B.- EMERGENCY PROCEDURES

- ENGINE FAILURE DURING TAKEOFF ROLL

1. THROTTLE LEVER IDLE
2. BRAKES AS NECESSARY
3. FUEL PUMP B,A OFF
4. LANE B,A OFF
5. MASTER SWITCH OFF

- ENGINE FAILURE IMMEDIATELY AFTER TAKEOFF

1. YOKE... FORWARD
2. AIRSPEED 59 KIAS - Flaps UP
55 KIAS - Flaps 15°
3. THROTTLE LEVER IDLE
4. FLAPS AS NECESSARY
5. AREA CHOOSE
6. FUEL SELECTOR OFF
7. FUEL PUMP B,A OFF
8. LANE B,A OFF
9. MASTER SWITCH OFF
10. AFTER TOUCH DOWN BRAKE AS NECESSARY

- ENGINE FAILURE DURING FLIGHT (Restart Procedures)

1. AIRSPEED 59 KIAS FLAPS UP
55 KIAS (FLAPS 15°)
2. ALTITUDE CHECK
3. AREA CHOOSE
4. MASTER SWITCH ON
5. FUEL PUMP B-A ON
6. FUEL SELECTOR LEFT (OR RIGHT IF LEFT IS EMPTY)
7. THROTTLE LEVER IDLE
8. THE PROPELLER IS ROTATING
 - LANE B,A ON
9. THE PROPELLER IS NOT ROTATING:
 - STARTER SWITCH ON
 - STARTER BUTTON PUSH

FIRES

- DURING START ON GROUND

1. FUEL PUMPOFF
2. BRAKESAS NECESSARY
3. LANE A,BOFF
4. MASTER SWITCHOFF

AFTER THE ENGINE STOPS

1. FUEL SELECTOROFF
2. AIRPLANELEAVE
3. FIRE EXTINGUISHERUSE

- ENGINE FIRE IN FLIGHT

- 1.- FUEL PUMP B,A OFF
- 2.- LANE B,A OFF
- 3.- HOT & COLD AIR KNOBS..... OFF
- 4.- FUEL SELECTOR OFF
- 5.- GLIDING SPEED 59 KIAS FLAPS UP
55 KIAS (FLAPS 15°)
- 6.- AREA CHOOSE
- 7- MASTER SWITCH..... OFF

- WING FIRE

- 1.- PITOT HEAT..... OFF
- 2.- LANDING LIGHT OFF
- 3.- POSITION LIGHT OFF
- 4.- BEACON LIGHT..... OFF

OTHER EMERGENCY

- VIBRATIONS / HIGH OIL TEMP / LOW & HIGH OIL PR / HIGH EGT / HIGH COOLANT

1. THROTTLE LEVER..... **REDUCE**
2. LANDING **ASAP**
3. FLIGHT LOG **NOTE**

NOTE: If severe vibration and loss of power may be due to be
Operating with 3 cylinders.

- CANOPY DEPLOYED IN FLIGHT

1. YOKE... **HOLD FIRMLY**
2. SPEED **65 KIAS**
3. CANOPY FRAME... **ABOVE 400 FT**
TRY TO JOIN WITH ARM

- FUEL PRESS OUT OF RANGE

1. THROTTLE LEVER..... **REDUCE**
2. IF ABOVE LIMIT
PUMP B **OFF**
3. IF BELOW LIMIT
PUMP B **ON**
4. LANDING..... **ASAP**