



EXAMEN DE LIMITACIONES Y EMERGENCIAS "CC-AYX"



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 FLAP 15°	54
V _X FLAP 0°	56
V _Y	65
V _R	NATURAL LIFT
V _{Apch}	60
V _{Planeo}	59
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 for 5 min
Temperatura de aceite (°C)	
Operacion normal	90 - 120
Mínima - Máxima	50 - 130
Presión de Aceite (BAR)	
Operacion normal	2 - 5
Mínima - Máxima	0.8 - 7

3.- Combustible (LITROS)

Tipo a Utilizar	100LL
Capacidad Total	120
Combustible Usable	118

4.- Aceite (lts.)

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
Spin	PROHIBITED

B.- EMERGENCY PROCEDURES

- ENGINE FAILURE DURING TAKEOFF ROLL

1. THROTTLE LEVER.....IDLE (pull full out)
2. BRAKES.....AS NEEDED
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 (pull full out)
4. MAX BANKING.....15° MAX
5. FLAPS.....AS NEEDED
6. AREA.....CHOOSE
7. FUEL PUMP B,A.....OFF
8. LANE B,A.....OFF
9. MASTER SWITCH.....OFF
10. FUEL SELECTOR.....OFF
11. AFTER TOUCH DOWN.....BRAKE AS NEEDED

- ENGINE FAILURE DURING FLIGHT (Restart Procedures)

1. AIRSPEED.....59 KIAS FLAPS UP
55 KIAS (FLAPS 15°)
2. ALTITUDE.....CHECK
3. MAX BANKING.....30° MAX
4. AREA.....CHOOSE
5. FUEL PUMP B-A.....ON
6. MASTER SWITCHON
7. FUEL SELECTOR.....LEFT (OR RIGHT IF LEFT IS EMPTY)
8. THROTTLE LEVER.....IDLE
9. IF PROPELLER IS ROTATING
 - LANE B,A.....ON
10. IF PROPELLER IS NOT ROTATING:
 - STARTER SWITCH.....ON
 - STARTER BUTTON.....PUSH

FIRES

- DURING START ON GROUND

1. FUEL PUMP..... OFF
2. BRAKES.....AS NECESSARY
3. LANE B,A..... OFF
4. HOT AIR KNOB.....OFF
5. MASTER SWITCH.....OFF

AFTER THE ENGINE STOPS

6. FUEL SELECTOR.....OFF
7. AIRPLANE.....LEAVE
8. FIRE EXTINGUISHER.....USE

- ENGINE FIRE IN FLIGHT

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

- 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**