



DEPARTAMENTO “SEGURIDAD OPERACIONAL”
SUBDEPARTAMENTO “LICENCIAS”
SECCIÓN EVALUACIONES

CESSNA SKYHAWK C-182T NAVIII KAP140

CC-ABB

A.- Limitaciones de Operación

1.- Limitaciones (KIAS)

Va (3.100 lbs)	110
Vne	175
Vno	140
Vfe	140
Vs	51
Vso	41
Vx (Sea Level)	58
Vy (Sea Level)	80
Vr	50-60
Vapp (Flaps Down)	60-70
Vplaneo	76
Max Cross Wind	15

2.- Combustible (U.S. GAL)

Tipo a Utilizar	100/130
Capacidad Total	92
Capacidad Usable	87

2.1 Aceite (U.S. Qts.)

Capacidad	9
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3.- Pesos (LBS)

Máximo TAKE-OFF	3100
Máximo Equipaje	200

4.- Motor (Potencia Máxima Continua)

Limitaciones Operativas de Motor	
Razón HP o BHP	230 BHP
Máximas RPM	2400
Temp Cabeza Cilindros (°F)	
Mínima	200
Máxima	500
Temperatura de Aceite (°F)	
Mínima	100
Máxima	245
Presión de Aceite (PSI)	
Mínima	20
Máxima	115

5.- Límites de Maniobras (Cat. Normal)

MANIOBRA	KIAS
Chandela	110
Ocho Flojo	110
Escarpados	110
Stall	Slow Deceleration

B.- Emergency Procedures

a. ENGINE FAILURE DURING TAKEOFF ROLL

1. Throttle Control **IDLE**
2. Brakes **APPLY**

b. ENGINE FAILURE IMMEDIATELY AFTER TAKEOFF

1. Airspeed (FLAPS UP) **75 KIAS**
2. Airspeed (FLAPS DN) **70 KIAS**

c. ENGINE FAILURE DURING FLIGHT (Restart Procedures)

1. Airspeed **76 KIAS**
2. FUEL SELECTOR Valve **BOTH**
3. FUEL PUMP Switch **ON**
4. Mixture Control **RICH**

d. FIRE DURING START ON GROUND

1. MAGNETOS Switch **START**

If Engine Starts:

2. Power **1800 RPM (for a few minutes)**

3. Engine **SHUTDOWN (inspect for damage)**

If engine fails to start:

2. Throttle Control **FULL**

3. Mixture Control **IDLE CUTOFF**

4. MAGNETOS Switch **START (continue cranking)**

5. FUEL SELECTOR Valve **PUSH DOWN + ROTATE to OFF**

6. FUEL PUMP Switch **OFF**

7. MAGNETOS Switch **OFF**

8. STBY BATT Switch **OFF**

9. MASTER Switch (ALT and BAT) **OFF**

e. ENGINE FIRE IN FLIGHT

1. MIXTURE CONTROL **IDLE CUTOFF**

2. FUEL SELECTOR Valve **PUSH DOWN + ROTATE to OFF**

3. FUEL PUMP Switch **OFF**

4. MASTER Switch (ALT and BAT) **OFF**

f. ELECTRICAL FIRE IN FLIGHT

- 1. STBY BATT Switch **OFF**
- 2. MASTER Switch (ALT and BAT) **OFF**
- 3. VENTS/CABIN AIR/HEAT **CLOSED**
- 4. FIRE EXTINGUISHER **ACTIVATE**

g. CABIN FIRE

- 1. STBY BATT Switch **OFF**
- 2. MASTER Switch (ALT and BAT) **OFF**
- 3. VENTS/CABIN AIR/HEAT **CLOSED**
- 4. FIRE EXTINGUISHER **ACTIVATE**

h. WING FIRE

- 1. LAND and TAXI Light Switches **OFF**
- 2. NAV Light Switch **OFF**
- 3. STROBE Light Switch **OFF**
- 4. PITOT HEAT Switch **OFF**