



DEPARTAMENTO “SEGURIDAD OPERACIONAL”
SUBDEPARTAMENTO “LICENCIAS”
SECCIÓN EVALUACIONES

“CESSNA C-172E”

CC-CQZ DE AEROTRUST

A.- Limitaciones de Operación

1.- Limitaciones (Velocidades)

	MPH
Va	122
Vne	174
Vno	140
Vfe 10°	100
Vs	57
Vso	49
Vx	65
Vy	80
Vr	60
Vapp (Flap DN)	65-75
Vplaneo	80
Max Cross Wind	15

2.- Combustible (U.S. GAL)

Tipo a Utilizar	100/130
Capacidad Total	42
Capacidad Usable	39
Presión de Combustible (PSI)	
Mínima	0.5
Máxima	8

3.- Pesos (LBS)

Máximo TAKE-OFF	2.300
Máximo Equipaje	120

4.- Motor (Potencia Máxima Continua)

Limitaciones Operativas de Motor	
Razón HP o BHP	180
Máximas RPM	2.700
RPM estáticas	
Máximas	2350
Mínimas	2.250
Temperatura de aceite (°F)	
Máxima	245
Mínima	60
Presión de aceite (PSI)	
Máxima	95
Mínima	25

5.- Limites de maniobras (Cat. Normal)

MANIOBRA	MPH
Spin (Flaps UP)	SLOW DECELERATION
Escarpados	122
Ocho Flojo	122
Chandela	122

B.- Emergencies Procedures

1.- ENGINE SHUTDOWN

Mixture	IDLE CUT-OFF
Selector Fuel Valve	OFF
Magneto switch	OFF

2.- ENGINE FAILURE DURING TAKEOFF RUN

Throttle	IDLE
Brakes	APPLY
Engine Shutdown	EXECUTE

3. - ENGINE FAILURE IMMEDIATELY AFTER TAKEOFF

Airspeed	80 MPH (FLAPS UP)
Mixture	IDLE CUT-OFF
Fuel Shutoff Valve	OFF
Magneto Switch	OFF
Wing Flaps	AS REQUIRED
Master Switch	OFF

4. - ENGINE FAILURE DURING FLIGHT

Airspeed	80 MPH
Fuel Selector Valve	BOTH
Mixture	RICH
Throttle	VERIFY
Carburetor Heat	ON
Master Switch	ON
Magneto Switch	BOTH
Primer	IN AND LOCKED

5. - FIRE DURING START ON GROUND

Mixture	IDLE CUT-OFF
Throttle	FULL OPEN
Cranking	CONTINUE
Master Switch	OFF
Fuel Selector Valve	OFF
Magneto Switch	OFF
Airplane	EVACUATE

6. - ENGINE FIRE IN FLIGHT

Mixture	IDLE CUT-OFF
Fuel Shutoff Valve	OFF
Magneto Switch	OFF
Master Switch	OFF
Forced Landing	EXECUTE