



**DEPARTAMENTO “SEGURIDAD OPERACIONAL”
SUBDEPARTAMENTO “LICENCIAS”**

CESSNA C-172

“CC – KFD”

A. OPERATING LIMITATIONS:

1.- Limitations Speed (MPH)

Va	122
Vne	174
Vno	140
Vfe 10°	100
Vs	59
Vso	52
Vx	68 – 74
Vy	79 – 82
Vr	60
Vapp (Flap DN)	65 – 75
Vglide	80
Max Cross Wind	15

2.- Fuel (U.S. GAL)

Type to Use	100/130
Total Capacity	38
Usable Capacity	36

3.- Weight (LBS)

Maximum TAKE-OFF	2300
Maximum Baggage	120

4.- Engine (Maximum Continuous Power)

Engine Operating Limitations	
Reason HP o BHP	150
Maximum RPM	2700
Static RPM (at sea level)	
Maximum	2500
Minimum	2200
Oil Temperature (°F)	
Maximum	245
Minimum	Green arc
Oil Pressure (PSI)	
Maximum	100
Minimum	25

5. - Maneuvering Limits (Normal Cat.)

MANEUVER	MPH
Spin (Flaps UP) and Stalls	SLOW DECELERATION
Steep Turns	122
Lazy Eight	122
Chandelle	122

B. EMERGENCIES PROCEDURES:

1.- ENGINE FAILURE DURING TAKEOFF RUN:

Throttle	IDLE
Brakes	APPLY
Engine Shutdown	AS REQUIRED

2. - ENGINE FAILURE IMMEDIATELY AFTER TAKEOFF:

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

3. - 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

4. - 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

5. - ENGINE FIRE IN FLIGHT:

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