



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

**“CESSNA C-150G”
“CC-KTA MEGAPARTS S.A.”**

A.- Operating Limits

1.- Aispeed Limitations

	MPH
Va	109
Vne	162
Vno	120
Vfe	100
Vs	55
Vso	48
Vx (SL)	57
Vy (SL)	73
Vr	50
Vapp (Flap DN)	60 - 70
Vglide	65

2.- Fuel (U.S. Gal.)

Type to Use	100LL
Total Capacity	38
Usable Fuel	35

2.1 Oil (U.S. Qts.)

Capacity	6
Capacity with Filter	7

3.- Weights (LBS)

Max. Takeoff Weight	1600
Maximum Baggage	120

4.- Engine (Max. Continuous Power)

Engine Operating Limitations	
HP or BHP Rate	100 HP
Maximum RPM	2750
Static RPM	
Minimum	2500
Maximum	2600
Oil Temperature (°F)	
Normal Operating	Green Arc
Maximum	Red Line
Oil Pressure (PSI)	
Minimum	10
Normal Operating	30 - 60
Maximum	100

5.-Maneuver Limitations

MANEUVER	MPH
Chandelles	109
Lazy Eights	109
Steep Turns	109
Spins (Flaps UP)	Slow Decelerati.
Stalls	Slow Decelerati.

B.- Emergency Procedures

1.- ENGINE FAILURE DURING TAKEOFF ROLL

.Throttle	IDLE
.Wing Flaps	UP
.Brakes	APPLY
.Yoke	PULL BACK
.Mixture	IDLE CUT-OFF
.Ignition Switch	OFF
.Master Switch	OFF
.Fuel Selector Valve	OFF

2.- ENGINE FAILURE IMMEDIATELY AFTER TAKEOFF

.Yoke	PUSH FORWARD
.Mixture	IDLE CUT-OFF
.Wing Flaps	FULL
.Ignition Switch	OFF
.Master Switch	OFF
.Fuel Selector Valve	OFF
.Doors	UNLATCH PRIOR TO TOUCHDOWN

3.- ENGINE FAILURE DURING FLIGHT (RESTART PROCEDURES)

.Runway	SELECT FIELD - AIRSPEED
.Fuel Selector Valve	ON
.Mixture	RICH
.Carburetor Heat	OPEN
.Throttle	1/2 POWER
.Ignition Switch	BOTH
.Master Switch	ON

4.- ENGINE FIRE DURING START ON GROUND

.Mixture	IDLE CUT-OFF
.Parking Brake	RELEASE
.Fire Extinguisher	OBTAIN
.Aircraft	EVACUATE
.Fire	ACTIVATE
.Fire Damage	INSPECT FOR DAMAGE

5.- ENGINE FIRE IN FLIGHT

.Mixture	IDLE CUT-OFF
.Shutoff Valve	OFF
.Master Switch	OFF
.Airspeed	100 MPH GLIDE
.Cabin Heat	OFF

If fire is not extinguished, increase glide speed to find an airspeed which will provide an incombustible mixture

.Emergency Landing	EXECUTE
--------------------	----------------

6.- ELECTRICAL FIRE IN FLIGHT

.Master Switch	OFF
.All other switches (except ignition switch)	OFF
.Circuit Brakers	CHECK FOR FAULTY CIRCUIT
.Master Switch	ON
.All Other Switches	ON, ONE AT A TIME, WITH DELAY AFTER UNTIL SHORT CIRCUIT IS LOCALIZED
.Vents/Cabin Air/Heat	OPEN WHEN IT IS ASCERTAINED THAT FIRE IS COMPLETELY EXTINGUISHED