



DEPARTAMENTO “SEGURIDAD OPERACIONAL”
 SUBDEPARTAMENTO “LICENCIAS”
 SECCIÓN EVALUACIONES

“CESSNA C-150A”
 “CC-CBK MEGAPARTS” S.A.”

A.- Operating Limits

1.- Airspeed Limitations

	MPH
Va	106
Vne	157
Vno	120
Vfe	85
Vs	54
Vso	50
Vx (SL)	55
Vy (SL)	71
Vr	50
Vapp (Flap DN)	60 – 70
Vplaneo	70

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

Type to Use	100LL
Total Capacity	26
Usable Fuel	22.5

2.1 Oil (U.S. Qts.)

Capacity	6
Capacity with Filter	7

3.- Weights (LBS)

Max. Takeoff	1500
Maximum Baggage	80

4.- Engine (Max. Continuous Power)

Engine Operating Limitations	
HP or BHP Rate	100 HP
Máximas RPM	2750
Static RPM	
Minimum	2320
Maximum	2470
Oil Temperature (°F)	
Normal Operation	Green Arc
Maximum	Red Line
Oil Pressure (PSI)	
Minimum	10
Operación Normal	30 – 60
Máxima	100

5.- Maneuver Limitations

MANEUVER	MPH
Chandela	106
Ocho Flojo	106
Escarpados	106
Spin (Flaps UP)	Slow Deceleration
Stall	Slow Deceleration

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
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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