



DEPARTAMENTO “SEGURIDAD OPERACIONAL”
SUBDEPARTAMENTO “LICENCIAS”
SECCIÓN EVALUACIONES

“CESSNA C-T303”

“ALBERTO ELLENA LUGARO (1983)”

A.- Limitaciones de Operación

1.- Limitaciones (Velocidades)

	CIAS
Va 5.150 lbs	148
Vne	210
Vno	175
Vfe 10° Flaps	175
Vle	210
Vlo	175
Vmca	65
Vs	66
Vso	58
Vx (SL)	77
Vy (SL)	103
Vsse	80
Vxse	93
Vyse	97
Vr	80
Vapp (Flap DN)	80-90
Max Cross Wind	20

2.- Combustible (U.S. GAL)

Tipo a Utilizar	100/130
Capacidad Total	155
Capacidad Usable	153
Presión de Combustible (PSI)	
Mínima	3
Máxima	16,1

3.- Pesos (LBS)

Máximo Take-Off	5.150
Máximo Equipaje FWD	150 W/AC
Máximo Equipaje AFT	200

4.- Motor (Potencia Máxima Continua)

Limitaciones Operativas de Motor	
Razón HP o BHP	250
Máximas RPM	2.400
Temperatura Cabeza Cilindros (°F)	
Máximas	460
Mínimas	200
Temperatura de Aceite (°F)	
Máxima	240
Mínima	100
Presión de Aceite (PSI)	
Máxima	100
Mínima	10

5.- Límites de maniobras (Cat. Normal)

MANIOBRA	CIAS
Spin (Flaps UP)	Prohibit
Escarpados	148
Ocho Flojo	148
Chandela	148

B.- Emergencies Procedures

1.- ENGINE FAILURE DURING TAKEOFF (Speed below 80 Kias)

Throttle	CLOSE IMMEDIATELY
Brakes	AS REQUIRED

2.- CONTINUED TAKEOFF WITH ENGINE OUT (Speed above 80 Kias)

Throttle	FULL FORWARD
Propeller Controls	FULL FORWARD
Mixture Controls	FULL FORWARD
Wing Flaps	UP
Landing Gear	UP
Inoperative engine	IDENTIFY
Windmilling Propeller	FEATHER PROMPTLY
Establish Bank	5° TOWARD OPERATING ENGINE
Airspeed	97 KIAS (93 KIAS with obstacles ahead)

3.- ENGINE FAILURE DURING FLIGHT (Speed below Vmca)

Throttles	RETARD AS NECESSARY
Aileron and Rudder	AS REQUIRED
Elevator	LOWER NOSE to accelerate to above Vmca

4.- ENGINE FAILURE DURING FLIGHT (Speed above Vmca)

Power	INCREASE
-------	-----------------

5.- DUAL ENGINE FAILURE DURING CRUISE FLIGHT

Both Engine	SECURE
-------------	---------------

6.- SECURE INOPERATIVE ENGINE

Inoperative Engine	IDENTIFY
Throttle	IDLE
Propeller Control	FEATHER
Mixture Control	IDLE CUT-OFF

7.- SINGLE ENGINE GO-AROUND

Operative Engine Power	32,5 INCHES HG and 2.400 RPM
Wing Flaps	RETRACT TO 10°
Landing Gear	UP (if climb established)
Wing Flaps	UP
Airspeed	97 KIAS (or 93 KIAS with obstacles ahead)

8.- ENGINE FIRE DURING START ON GROUND (RED ENG FIRE ANNUNCIATOR LIGHT ON OR OFF)

Auxiliary Fuel Pumps	OFF
Mixture Controls	IDLE CUT-OFF
Battery and Alternator Switches	OFF
Magneto Switches	OFF
Parking Brake	OFF
Fire Extinguisher	OBTAIN (if installed)

9.- CABIN FIRE DURING GROUND OPERATIONS

Throttles	CLOSE
Brakes	AS REQUIRED
Mixture Controls	IDLE CUT-OFF
Battery Switch	OFF
Magneto Switches	OFF
Airplane	EVACUATE

10.- ENGINE FIRE IN FLIGHT (RED ENG FIRE ANNUNCIATOR LIGHT ON)

Auxiliary Fuel Pumps	OFF
Affected Engine:	
Throttles	IDLE
Propeller Control	FEATHER
Mixture Controls	IDLE CUT-OFF
Fuel Selector	OFF
Cowl Flaps	OPEN

11.- ELECTRICAL FIRE IN FLIGHT

Battery and Alternator Switches	OFF
Vents	CLOSED (to avoid drafts)
Cabin Heater	OFF
Fire Extinguisher	ACTIVATE

12.- CABIN FIRE

Battery and Alternator Switches	OFF
Vents	CLOSED (to avoid drafts)
Cabin Heater	OFF
Fire Extinguisher	ACTIVATE

13.- WING FIRE

Pitot Heat Switch	OFF
Strobe Light Switch (if installed)	OFF
Navigation Light Switch	OFF
Landing Light Switch	OFF

14.- CABIN ENTRY DOOR OPEN (RED DOOR OPEN ANNUNCIATOR LIGHT ON)

Airspeed	MAINTAIN LESS THAN 110 KIAS
Flight Controls	MANEUVER for return for landing
Before landing Checklist	COMPLETE
Landing	MAKE NORMAL APPROACH AND LANDING