



DEPARTAMENTO “SEGURIDAD OPERACIONAL”
SUBDEPARTAMENTO “LICENCIAS”
SECCIÓN EVALUACIONES

“CESSNA C-402C”

A.- Limitaciones de Operación

1.- Limitaciones (KIAS)

Va	150
Vne	235
Vno	205
Vfe (Approch 15°)	180
Vle	180
Vlo	180
Vmca	80
Vs	80
Vso	71
Vx	84
Vy	109
Vsse	95
Vxse	95
Vyse	104
Emergency Descent	230/149
Vbalked landing	92
Vapp (Flap DN)	95
Max Cross Wind	15

2.- Combustible (U.S. GAL)

Tipo a Utilizar	100/130
Capacidad Total	213,4
Combustible Usable	206,0
Presión de Combustible (PSI)	
Máxima	18,0
Mínima	3,0

3.- Pesos (LBS)

Máximo TAKE-OFF	6.850
Máximo Baggaje FWD	350
Máximo Baggaje AFT	2.000

4.- Motor (Potencia Máxima Continua)

Limitaciones Operativas de Motor	
Razón HP o BHP	325
Máximas RPM	2.700
Temperatura Cabeza de Cilindros (°F)	
Máxima	460
Mínima	200
Temperatura de aceite (°F)	
Máxima	240
Mínima	75
Presión de aceite (PSI)	
Máxima	100
Mínima	10

5.- Limites de Maniobras (Cat.)

Spin (Flaps UP)	Prohibit
Escarpados	150

B.- Emergencies Procedures

1.- ENGINE SECURING PROCEDURE

Throttle	CLOSED
Propeller	FEATHER
Mixture	IDLE CUT-OFF

2.- ENGINE FAILURE DURING TAKEOFF (Speed Below 95 KIAS or Gear Down)

Throttle	CLOSED IMMEDIATELY
Brake or Land and Brake	AS REQUIRED

3.- ENGINE FAILURE DURING TAKEOFF (Speed Above 95 KIAS or Gear Down)

Mixtures	FULL RICH
Propellers	FULL FORWARD
Throttles	FULL FORWARD (39,0 IN HG)
Landing Gear	CHECK UP
Inoperative Engine:	
Throttle	CLOSED
Propeller	FEATHER
Mixture	IDLE CUT-OFF

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

Inoperative Engine	DETERMINE
Operative Engine	ADJUST AS REQUIRED

a.- Before Securing Inoperative Engine:

Fuel Flow	CHECK
Fuel Selector	MAIN TANK
Fuel Quantity	CHECK
Oil Pressure and Oil Temperature	CHECK
Magneto Switch	CHECK ON
Mixture	ADJUST

5.- ENGINE FAILURE DURING FLIGHT (Speed Below Vmca))

Rudder	APPLY Towards Operative Engine
Power	REDUCE To Stop Turn
Pitch Attitude	LOWER NOSE To Accelerate Above Vmca
Inoperative Engine Propeller	FEATHER
Operative Engine	INCREASE POWER

6.- FIRE IN THE GROUND (Engine Start, Taxi and Takeoff With Sufficient Distance Remaining To Stop)

Throttle	CLOSED
Brake	AS REQUIRED
Mixture	IDLE CUT-OFF
Battery	OFF
Magneto Switch	OFF

7.- INFLIGHT WING OR ENGINE FIRE

Both Auxiliary Fuel Pumps	OFF
Operative Engine Fuel Selector	MAIN TANK
Emergency Crossfeed Shutoff	OFF
Appropriate Engine	SECURE
Throttle	CLOSED
Propeller	FEATHER
Mixture	IDLE CUT-OFF
Fuel Selector	OFF
Cowl Flaps	CLOSE

8.- EMERGENCY DESCENT

a.- Preference Procedure

Throttles	IDLE
Propellers	FULL FORWARD
Mixture	ADJUST
Wing Flaps	UP
Landing Gear	UP
Moderate Bank	INITIATE

b.- In Turbulence Atmospheric Conditions

Throttles	IDLE
Propellers	FULL FORWARD
Mixture	ADJUST
Wing Flaps	45°
Landing Gear	DOWN
Moderate Bank	INITIATE