



DEPARTAMENTO “SEGURIDAD OPERACIONAL”
SUBDEPARTAMENTO “LICENCIAS”
SECCIÓN EVALUACIONES

“CESSNA C-402”

“SIXTO HEIN BAHAMONDE”

A.- Limitaciones de Operación

1.- Limitaciones (KIAS)

Va	140
Vne	230
Vno	
Vfe (Approch 15°)	140
Vle	140
Vlo	140
Vmca	87
Vs	80
Vso	80
Vx	105
Vy	110
Vsse	80
Vxse	100
Vyse	115
Vbalked landing	95
Vapp (Flap DN)	160
Max Cross Wind	20

2.- Combustible (U.S. GAL)

Tipo a Utilizar	100/130
Capacidad Total	143
Combustible Usable	140
Presión de Combustible (PSI)	
Máxima	17,3
Mínima	3,0

3.- Pesos (LBS)

Máximo TAKE-OFF	6.300
Máximo Bagaje FWD	300
Máximo Baggaje AFT	150

4.- Motor (Potencia Máxima Continua)

Limitaciones Operativas de Motor	
Razón HP o BHP	300
Máximas RPM	2.750
Temperatura Cabeza de Cilindros (°F)	
Máxima	450
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	140

B.- Emergencies Procedures

1.- ENGINE SECURING PROCEDURE

Throttle	CLOSED
Mixture	IDLE CUT-OFF
Propeller	FEATHER
Fuel Selector	OFF
Auxiliary Fuel Pump	OFF
Magneto Switches	OFF
Alternator Switch	OFF
Cowl Flaps	CLOSED

2.- ENGINE FAILURE DURING TAKEOFF (Speed Below 105 MPH)

Throttles	CLOSED IMMEDIATELY
Brakes	AS REQUIRED

3.- ENGINE FAILURE DURING TAKEOFF (Speed Above 105 MPH)

Mixtures	FULL RICH
Propellers	FULL FORWARD
Throttles	FULL FORWARD (34,5 IN HG)
Landing Gear	CHECK UP
Inoperative Engine	DETERMINE
Inoperative Propeller	FEATHER

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	MAX 30°

b.- In Turbulence Atmospheric Conditions

Throttles	IDLE
Propellers	FULL FORWARD
Mixture	ADJUST
Wing Flaps	15°
Landing Gear	DOWN
Moderate Bank	INITIATE