



DEPARTAMENTO “SEGURIDAD OPERACIONAL”
SUBDEPARTAMENTO “LICENCIAS”

“CESSNA C – 402 C”

“CC–COV y CC–CLV”

A.- OPERATING LIMITATIONS

1.- Limitations (KIAS)	
Va	150
Vne	235
Vfe (Approch 15°)	180
Vle	180
Vno	205
Vmca	80
Vx	84
Vy	109
Vsse	95
Vxse	95
Vyse	104
Emergency Descent	149/230
Vapp (Flap DN)	95
Max Cross Wind	15

2.- Fuel (U.S. GAL)	
Type to Use	100-0/100II
Total Capacity	213,4
Usable Fuel	204,0
Fuel Pressure (PSI)	
Maximum	18,5
Minimum	3

3.- Weights (LBS)	
Maximum TAKE-OFF	6850
Maximum Baggage FWD	350

4.- Engine (Maximum Continuous Power)	
Engine Operating Limitations	
Reason HP o BHP	325
Maximum RPM	2700
Cylinder Head Temperature (°F)	
Maximum	460
Nonmal	200-460
Oil Temperature (°F)	
Maximum	240
Normal	75-240
Oil Pressure (PSI)	
Maximum	100
Minimum	10

B.- EMERGENCIES PROCEDURES

1.- ENGINE SECURING PROCEDURE

Throttle	CLOSE
Mixture	IDLE CUT-OFF
Propeller	FEATHER

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

Throttles	CLOSE IMMEDIATELY
Brake or Land and Brake	AS REQUIRED

3.- ENGINE FAILURE AFTER TAKEOFF (Speed Above 91 KIAS or Up)

Mixtures	FULL RICH
Propellers	FULL FORWARD
Throttles	FULL FORWARD
Landing Gear	CHECK UP

Inoperative Engine:

Throttle	CLOSE
Mixture	IDLE CUT-OFF
Propeller	FEATHER

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

Inoperative Engine	DETERMINE
Operative Engine	ADJUST AS REQUIRED

Before Securing Inoperative Engine:

Fuel Flow	CHECK
Fuel Selector	MAIN TANKS
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
Power	REDUCE TO STOP TURN
Pitch Attitude	LOWER NOSE TO ACCELERATE ABOVE Vmca
Inoperative Engine Propeller	FEATHER
Operative Engine	INCREASE POWER

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

Throttles	CLOSE
Brakes	AS REQUIRED
Mixtures	IDLE CUT-OFF
Battery	OFF
Magnetos Switch	OFF

7.- INFLIGHT WING OR ENGINE FIRE

Both Auxiliary Fuel Pumps	OFF
Operative Engine Fuel Selector	MAIN TANK
Emergency Crossfeed Shutoff	OFF (PULL UP)
Appropriate Engine	SECURE
Throttle	CLOSE
Mixture	IDLE CUT-OFF
Propeller	FEATHER
Fuel Selector	OFF

8.- EMERGENCY DESCENT

a.- Preference Procedure

Throttles	IDLE
Propellers	FULL FORWARD
Mixtures	ADJUST FOR SMOOTH ENGINE OP
Wing Flaps	UP
Landing Gear	UP
Moderate Bank	INITIATE

b.- In Turbulence Atmospheric Conditions

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