



DEPARTAMENTO “SEGURIDAD OPERACIONAL”
SUBDEPARTAMENTO “LICENCIAS”
SECCIÓN EVALUACIONES

“AERO COMMANDER AC-500S”

“COSTA NORTE S.A.”

A.- Procedimientos de Limitaciones

1.- Limitaciones (KIAS)

Va	141
Vne	250
Vno	200
Vfe (1/2 DN)	130
Vfe (FULL DN)	118
Vlo	156
Vmca	65
Vs	68
Vso	59
Vx	87
Vy	96
Vsse	-.-
Vxse	-.-
Vyse	96
Emergency Descent	-.-
Vbalked landing	-.-
Vapp (Flap DN)	80
Max Cross Wind	-.-

2.- Pesos (LBS)

Máximo TAKE-OFF	6.750
Máximo Baggaje FWD	-.-
Máximo Baggaje AFT	-.-

3.- Combustible (U.S. GAL)

Tipo a Utilizar	100/130
Capacidad Total	226.6
Combustible Usable	223
Presión de Combustible (PSI)	
Máxima	-.-
Mínima	-.-

4.- Limites de Maniobras (Cat. Normal)

Spin (Flaps UP)	Prohibit
Escarpados	-.-

B.- Procedimientos de Emergencia de Acción Inmediatas

1.- ENGINE FAILURE DURING TAKE-OFF

a.- Loss of engine before reaching 90 MPH (78 KIAS)

Throttles Levers	CLOSE
Weel Brakes	BRAKE

b.- Loss of engine after 90 MPH (78 KIAS)

Propeller Pitch Controls	FULL FORWARD
Throttles Levers	FULL FORWARD
Landing Gear	UP
Wing Flaps	UP
Heading and Airspeed	MAINTAIN
Inoperative Engine	DETERMINE
Failed Engine Propeller	FEATHER
Best Angle of Climb Speed	96 KIAS
Fuel Boost Pump on Operative Engine	ON position
Mixture Control on Operating Engine	SET
On The Inoperative Engine:	
Mixture	IDLE CUT-OFF
Fuel Hydraulic Emerg Shutoff SW	EMER, OFF
Fuel Boost Pump Switch	OFF
Ignition	OFF
Generator	OFF
Cowl Flaps	CLOSED
Aircraft	TRIM
Land as soon as possible	

2.- ENGINE FAILURE DURING CRUISE

Inoperative Engine	DETERMINE
Inoperative Engine	FEATHER
Operative Engine	MAINTAIN POWER

3.- ENGINE FIRE IN FLIGHT

Mixture	IDLE CUT-OFF
Fuel-Hydraulic Emergency Shutoff Valve	EMER, OFF
Fuel Boost Pump Switch	OFF
Propeller Pitch Control	FEATHER
Ignition Switch	OFF
Generator/Alternator	OFF

4.- BALKED LANDING

Throttle Power	FULL THROTTLE (2.575 RPM)
Climb	ESTABLISH AT 74 knots
Landing Gear	RETRACT
Wing Flaps	RETRACT
Normal Takeoff Procedures	FOLLOW