



DEPARTAMENTO “SEGURIDAD OPERACIONAL”
“SUBDEPARTAMENTO “LICENCIAS”

“CIRRUS SR20”

“CC–LLL, CC–LLK, CC–CKF”

A.- OPERATING LIMITATIONS

1.- Limitations (Speed) (KIAS)

Va	131
Vne	200
Vno	165
Vfe 50%	119
Vs	65
Vso	56
Vx (SL)	83
Vy (SL)	96
Vr	65-70
Vapp (Flap DN)	78
Vglide	87
Max Cross Wind	21

2.- Fuel (U.S. GAL)

Type to Use	100/130
Total Capacity	60,5
Usable Capacity	56
Fuel Pressure (PSI)	
Minumum	0
Maximum	18

3.- Weight (LBS)

Maximum TAKE-OFF	3.000
Maximum Baggage	130

4.- Engine (Maximum Continuous Power)

Engine Operating Limitations	
Reason HP o BHP	200
Maximum RPM	2700
Cylinder Head Temperature (°F)	
Maximum	460
Minumum	240
Oil Temperature (°F)	
Maximum	240
Minumum	50
Oil Pressure (PSI)	
Maximum	100
Minumum	10

5.- Maneuvering Limits (Normal Cat.)

Spin (Flaps UP)	PROHIBITED
Steep Turns	131
Lazy Eight	131
Chandelles	131

B.- EMERGENCIES PROCEDURES

1.- ENGINE FAILURE DURING TAKEOFF RUN

Throttle Power Lever	IDLE
Fuel Pump	OFF
Mixture	CUT OFF
Fuel Selector	OFF
Ignition Switch	OFF
Bat – Alt – Master Switch	OFF

2.- ENGINE FAILURE IMMEDIATELY AFTER TAKEOFF

Airspeed	ESTABLISH
Mixture	CUT OFF
Fuel Selector	OFF
Ignition Switch	OFF
Flaps	AS REQUIRED
If Times Permits	
Power Lever	IDLE
Fuel Pump	OFF
Bat Alt Master Switches	OFF
Seat Belts	ENSURE SECURED

3.- ENGINE FAILURE DURING FLIGHT

Best Glide Speed	ESTABLISH
Mixture	FULL RICH
Fuel Selector	SWITCH TANK
Fuel Pump	BOOST
Alternate Induction Air	ON
Ignition Switch	CHECK BOTH

4.- FIRE DURING START ON GROUND

Mixture	CUT OFF
Fuel Pump	OFF
Fuel Selector	OFF
Power Lever	FORWARD
Power Starter	CRANK

If flames persist, perform emergency engine shutdown on ground and emergency ground egress checklists.

5.- ENGINE FIRE IN FLIGHT

Mixture	CUT OFF
Fuel Pump	OFF
Fuel Selector	OFF
Airflow selector	OFF
Power Lever	IDLE
Ignition Switch	OFF
Cabin Doors	PARTIALLY OPEN
Land	AS SOON AS POSSIBLE