



DEPARTAMENTO “SEGURIDAD OPERACIONAL”
SUBDEPARTAMENTO “LICENCIAS”
SECCIÓN EVALUACIONES

“CESSNA I C-208B GRAN CARAVAN”
PATAGONIA AIRLINE”

1.- Limitaciones (KIAS)

Va 8.750 lbs.	148
Va 7.500 lbs.	137
Va 6.250 lbs.	125
Va 5.000 lbs.	112
Vne	175
Vno	175
Vfe 10°	175
Vfe 20°	150
Vfe 30°	125
Vs	63
Vso	50
Vx	72
Vy	104
Emergency Descent	
Max. Glide 8.750 lbs.	95 - 97
Max Cross Wind	20

2.- Combustible (LBS.)

Tipo a Utilizar	JET-A/JET-A1
Capacidad Usable	2.224
Unbalance (lbs)	200

3.- Pesos (LBS)

Maximum TAKE-OFF	8.750
Max Nose Baggage	
Max Rear Baggage	

4.- Starter Limitations with battery

30	SEG	ON	60	SEG	OFF
30	SEG	ON	60	SEG	OFF
30	SEG	ON	30	MIN	OFF

5.- Starter Limitations with EXT Power

20	SEG	ON	120	SEG	OFF
20	SEG	ON	120	SEG	OFF
20	SEG	ON	60	MIN	OFF

B.- Emergencies Procedures

1.- ENGINE FAILURE DURING TAKEOFF ROLL

Power Lever	BETA RANGE
Brakes	APPLY

2.- ENGINE FAILURE IMMEDIATELY AFTER TAKEOFF

Airspeed	85 KIAS with 20° flaps
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3.- ENGINE FAILURE DURING FLIGHT

Airspeed	95 KIAS
Power Lever	IDLE
Propeller Control Lever	FEATHER
Fuel Condition Lever	CUTOFF

4.- ENGINE FLAMEOUT DURING FLIGHT

a.- If Gas Generator Speed (Ng) Is Above 50%:

Power Lever	IDLE
Ignition Switch	ON
Power Lever	AS DESIRED after satisfactory relight as evidenced by normal ITT and Ng.
Ignition Switch	OFF if cause of flameout has been corrected

b.- If Gas Generator Speed (Ng) Is Below 50%:

Fuel Condition Lever	CUTOFF
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5.- ENGINE FIRE DURING START ON GROUND (Red ENGINE FIRE Annunciator ON or OFF)

Fuel Condition Lever	CUTOFF
Fuel Boost Switch	OFF
Starter Switch	MOTOR

6.- CABIN FIRE DURING GROUND OPERATIONS

Power Lever	IDLE
Brakes	AS REQUIRED
Propeller Control Lever	FEATHER
Fuel Condition Lever	CUTOFF
Battery Switch	OFF
Airplane	EVACUATE

7.- WING FIRE

Pitot/Static Heat Switch	OFF
Stall Heat Switch	OFF
Strobe Light Switch	OFF
Navigation Lights Switch	OFF
Landing and Taxi Lights Switches	OFF
Radar	OFF
Ventilation Fans (if installed)	OFF

8.- ENGINE FIRE IN FLIGHT (Red ENGINE FIRE Annunciator ON or OFF)

Power Lever	IDLE
Propeller Control Lever	FEATHER
Fuel Condition Lever	CUTOFF
Fuel Shutoff	OFF
Cabin Heat Firewall Shutoff Control	PULL OFF

9.- ELECTRICAL FIRE IN FLIGHT OR CABIN FIRE

Battery switch	OFF
Generator Switch	TRIP and release
Standby Power Switch	OFF
Vents	CLOSED
Bleed Air Heat Switch	OFF
Fire Extinguisher	ACTIVATE

10.- ICING

Ignition Switch	ON
Inertial Separator	BYPASS
Turn/pilotstatic heat, stall heat, windshield heat and propeller heat switches on	

If above 20,000 feet:

Airspeed	160 KIAS or below
Altitude	DESCEND to 20.000 feet or below as soon as practical
Turn back or change altitude	

11.- FUEL CONTROL UNIT MALFUNCTION IN THE PNEUMATIC OR GOVERNOR SECTIONS (Engine Power Falls Back To Idle)

Power Lever	IDLE
Emergency Power Lever	AS REQUIRED (maintain 65 Ng min during flight)

12.- FUEL FLOW INTERRUPTION TO FUEL RESERVOIR (red RESERVOIR FUEL LOW Annunciator ON)

Fuel Tank Selectors	LEFT ON, RIGHT ON
Ignition Switch	ON
Fuel Boost Switch	ON

13.- FUEL TANK SELECTOR OFF DURING ENGINE START (red SELECT OFF Annunciator ON and Both fuel selector warning horns activated)

Left and Right Fuel Tank Selectors	ON
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14.- FUEL LEVEL LOW WITH SINGLE TANK SELECTED (red FUEL SELECTOR OFF and Amber LEFT or RIGHT FUEL LOW Annunciator ON and fuel selector warning horn activated)

Left and Right Fuel Tank Selectors	ON
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