



CESSNA CITATION EXCEL (MODEL 560 XL)

AVIASUR

CC-ARA CC-DCZ CC-DDA

A. Operation limits

1.-SPEEDS LIMITATIONS (KIAS, MACH OR KNOTS)	
MMO (ABV 26.515')	0.75 Mach
VMO (BTN 8.000' AND 26.515')	305
VMO (BLW 8.000')	260
VFE (T/O AND APP)	200
VFE (LAND)	175
VLE	250
VLO	250
VLO RETRACTING	200
VSB	NO LIMIT
VTIRE (GROUND SPEED)	165
VMCG	81
VMCA	90
V TURBULENCE	180
V MIN. IN ICE	160
V MAX. AUTOPILOT	0.75 Mach
MAX. CROSS WIND (Not limiting)	24 Knots
MAX. TAIL WIND	10 Knots
MAX. FLAPS EXTENDED 15°	200
MAX. FLAPS EXTENDED	175

2.- FUEL (POUNDS)	
Type to utilize	Jet A-1
MAX. fuel	6790
Unbalance	400

3.-WEIGHT (POUNDS)	
MAX. Ramp	20.200
MAX. Take-off	20.000
MAX. Landing	18.700
MAX. ZFW	15.100
MAX. Baggage compartment	700

4.-STARTER LIMITATIONS					
Starter	3	ciclos	30 min	90 seg	rest
Battery	3	ciclos	60 min		
Battery start limit			Three (3) starts per hour		

5.- OPERATIONS			
Item	Quantity	Limitation	Restriction
Vortex generators	52	Up to 3 missing	FL410
Boundary layer Energizers	22	None missing	remain on ground

6.- ALTITUDE LIMITATION (feet)	
Service ceiling	45000'
Take-off / landing	14000'

7.- TEMPERATURE LIMITATION	
Take-off / landing	MAX. ISA +39°C
Take-off / landing	MIN. -54°C

8.- POWERPLANT	
MAX.ITT	720°C
Oil pressure	250 PSI
Oil consumption	1/4 GAL every 8 hours

9.- TAKE-OFF THRUST	
Normal Take-off	5 min MAX.T/O
Emergency	10 min MAX.T/O

10.- AUTOPILOT (MIN. Altitude)	
On route	1000' AGL
No precision APP	300'AGL
ILS	180'AGL

11.- TAIL DE-ICE (speed/ temperature)	
BLW 150 KIAS	-40°C
ABV 150 KIAS	-35°C

B. EMERGENCIES / ABNORMAL PROCEDURES

A. Engine failure or any other emergency during takeoff

I. SPEED BELOW V-1

1.TAKEOFF **ABORT**

II. SPEED AT OR ABOVE V-1

2. CLIMB.....**TO A SAFE ALTITUDE**

3. WING XFLOW (if wing anti-ice is on) **ON**

B. LH or RH engine fire (engine fire warning)

1.THROTTLE (AFFECTED ENGINE) **IDLE**

➤ **(IF SWITCHLIGHT REMAINS ILLUMINATED)**

2.ENGINE FIRE Switchlight (affected side) **LIFT COVER AND PUSH**

3.Either illuminated BOTTLE ARMED Switchlight..... **PUSH**

C. Emergency restart – two engines

1.-IGNITION Switches..... **BOTH ON**

2.-FUEL BOOST pump switches..... **BOTH ON**

3.-Throttles..... **IDLE**

D. Emergency evacuation

1.PARK BRAKE..... **SET**

2.Throttles..... **BOTH CUT OFF**

3.LH ENGINE FIRE Switch..... **PRESS**

4.LH BOTTLE ARMED Switchlight..... **PRESS**

5. RH ENGINE FIRE Switch..... **PRESS**

6. RH BOTTLE ARMED Switchlight..... **PRESS**

7.APU MASTER Switch..... **OFF**

8. BATT Switch..... **OFF**

E. APU fire (fire warning illuminated)

1.- APU FIRE warning Switchlight **LIFT COVER AND PUSH**

F. Electrical fire or smoke

1.Oxygen Masks..... **DON AND EMER**

2. Microphone Switches..... **MIC OXY MASK**

G. BATT O'TEMP (battery overtemperature)

1. Amperage **NOTE**

2. BATT switch **EMER**

3. Amperage **NOTE DECREASE**

H. CAB ALT (cabin decompression)

1. Oxygen Masks..... DON AND 100%
2. Microphone switches..... MIC OXY MASK
3. Emergency descent..... AS REQUIRED

I. Emergency descent

1. AP TRIM DISC Button PRESS AND RELEASE
2. IGNITION Switches..... ON
3. Throttles..... IDLE
4. Speed Brakes EXTEND
5. Airplane Pitch Attitude INITIALLY TARGET 20° NOSE DOWN

J. Environmental system smoke or odor

1. Oxygen Masks..... DON AND EMER
2. Microphone Switches..... MIC OXY MASK

K. Smoke removal

1. Oxygen Masks DON AND EMER
2. Microphone Switches..... MIC OXY MASK

L. Thrust reverser inadvertent deployment during takeoff

I. SPEED BELOW V-1

1. Takeoff ABORT

II. SPEED AT OR ABOVE V-1

2. Emergency STOW Switch (affected engine) EMER
3. Throttle (affected engine) CHECK IDLE
4. Climb..... TO SAFE ALTITUDE

M. Thrust reverser inadvertent in-flight deployment

1. Control Wheel/ AP TRIM DISC button GRIP/PRESS AND RELEASE
2. Emergency STOW switch (affected engine) EMER
3. Throttle (affected engine) CHECK IDLE
4. Airspeed REDUCE TO 140 KIAS OR LESS

N. Thrust reverser unlock annunciator illuminated in flight

1. Emergency STOW Switch (affected engine) EMER
2. Thrust Reverser Levers CHECK STOWED (full forward)

O. Wheel brake failure

1. BRAKE pedals REMOVE FEET
2. EMER BRAKE Handle..... PULL

P. Electric elevator runaway trim

1. AP TRIM DISC button PRESS AND RELEASE

Q. Autopilot malfunction

1. AP TRIM DISC Button.....PRESS AND RELEASE

R. Inadvertent stall (stick shaker, buffet, and/or roll-off)

1. AP TRIM DISC button..... PRESS AND RELEASE
2. Pitch AttitudeREDUCE
3. Roll Attitude LEVEL
4. Throttles MAXIMUM THRUST