



C208  
C208B **SUPER CARGOMASTER**  
*Normal & Emergency Checklist*

**Carenado**

## **NORMAL PROCEDURES CHECKLIST**

### **BEFORE STARTING ENGINE**

Preflight inspection and W&B:	Complete
Doors:	Unlocked
Pax. Briefing:	Complete
Cabin doors:	Latched
Crew doors:	Unlocked
Parking brake:	Set
Seats, belts, harnesses:	Adjusted, secure (check pin)
Switches:	Off
Ignition:	Norm
Circuit breakers:	Check in
Fuel tank selectors:	Both on
Radar:	Off
Air conditioner:	Off
Inverter:	Off
Bleed air:	Off
Cabin Heat Mixing:	Flt-Push
Emergency power lever:	Normal
Power lever:	Idle
Propeller:	Full forward
Fuel condition lever:	Cutoff
Rudder lock:	Turn and push to unlock
Fuel shutoff:	On (push in)
Battery switch:	On
Wing flaps:	Up
NS/FSB:	As required
Fire detector test:	Press
Annunciator panel:	Test (incl. fuel warning horn)



# C208B SUPER CARGOMASTER

## Normal & Emergency Checklist

### ENGINE START (BATTERY)

Battery:	On
Volt/ammeter:	Check (24 V minimum)
Emergency power lever:	Normal (annunciator)
Propeller area:	Clear
Fuel boost:	On
AUX FUEL PUMP ON:	Check On
FUEL PRESS LOW:	Check Off
Fuel flow:	Check none
Starter switch:	Start
IGNITION ON:	Check on
Engine oil pressure:	Check
Ng > 12%, stable:	Wait
Fuel condition lever:	Low idle
Fuel flow:	80 to 110 lb/hr
ITT:	(1090°C, max. 2 s)
Ng > 52%:	Check
Starter switch:	Off
STARTER ENERGISED:	Check Off
Inverter:	Test, select 1 or 2
Engine instruments:	Check
Generator:	Charging, GEN OFF extinguished
Fuel boost:	Normal, AUX FUEL PUMP extinguished
Standby power:	On
Avionics 1 & 2:	On
Nav lights, beacon:	On as required
Suction gauge:	Check
Heating, ventilation, defrost:	As required
Radios:	As required



# C208B SUPER CARGOMASTER

## Normal & Emergency Checklist

### TAXI

Brakes: Check  
Flight instruments: Check

### BEFORE TAKEOFF (RUNUP)

Park brake: Set  
Seats, belts, harnesses: Check secure  
Flight controls: Full, free, correct  
Flight instruments: Check, set  
Fuel boost: Check Normal  
Fuel tanks: Check both on  
Fuel quantity: Checked  
Fuel shutoff: Check fully on  
Elevator, aileron, rudder trim: Set for takeoff  
Power check: 400 ft-lb  
Suction: Check  
Volt/amps: Check, return to BATT  
Inertial separator: Check (torque drop/return)  
Engine instruments: Check  
Overspeed governor: Check 1750  $\pm$ 60 rpm  
Power lever: Idle  
Quadrant friction: Adjust  
Standby power: Check  
Autopilot: Preflight check  
Avionics power 1: Check on  
Gyros: Allow 3-4 minutes to stabilize  
Preflight test: Annun., Alt Select, AP 12x  
TRIM warning: Off (if not, pull AP breaker)  
Electric trim: Test (L, R, both, clutch, Disc.)



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## Normal & Emergency Checklist

Flight director, Autopilot:	Engage
Yaw damper:	Engage
Flight controls:	Move to overpower AP
Disconnect:	Press to test
Trim:	Set for takeoff
Pitot/static heat:	On if OAT < 4°C
Ice protection:	As required
Avionics and radar:	Check, set
GPS/Nav switch:	Set
Strobe:	As required
Annunciators:	Extinguished or considered
Wing flaps:	20°
Cabin heat mixing:	Flt-Push
Windows:	Close
Brakes:	Release
Fuel condition lever:	High idle



### NORMAL TAKEOFF

Flaps:	20°
Power:	Set for takeoff (See below)
Annunciators:	Check
Brakes:	Release
Rotate:	70-75 KIAS
Climb:	85-95 KIAS
Flaps:	Retract to 10° after 85, up after 95 KIAS

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## Normal & Emergency Checklist

### SHORT TAKEOFF

Flaps: 20°  
Power: Set for takeoff (See below)  
Annunciators: Check  
Brakes: Release  
Rotate: 70 KIAS  
Climb: 83 KIAS until obstacles cleared  
Flaps: Retract to 10° after 85, up after 95 KIAS



### TAKEOFF POWER LIMITS

Annunciators: Check  
Brakes: Release  
Rotate: 70 KIAS  
Climb: 83 KIAS until obstacles cleared  
Flaps: Retract to 10° after 85, up after 95 KIAS

### TAKEOFF POWER LIMIT

Pressure Alt [feet]	Temperature. [°C] Max. Op	Tq Limit
Sea Level	50	42
2000	46	36
4000	42	30
6000	38	21
8000	34	8
10 000	30	-5
12 000	26	-21

Notes:

If temperature is above Max. Op., flight is prohibited.

# C208B SUPER CARGOMASTER

## Normal & Emergency Checklist

### ENROUTE CLIMB (CRUISE CLIMB)

Ice protection:	As required
Pitot/static heat:	On if OAT < 4°C
Airspeed:	110-120 KIAS
Propeller:	1600-1900 rpm
Torque:	Set within limits (ITT, Ng, torque)
ITT < 740°C for normal operations	



### ENROUTE CLIMB (MAXIMUM PERFORMANCE)

Ice protection:	As required
Pitot/static heat:	On if OAT < 4°C
Airspeed:	104 KIAS (to 10 000'), 87 KIAS (20 000')
Propeller:	1900 rpm
Torque:	1865 ft-lb (ITT, Ng, torque)
ITT < 740°C for normal operations	

### CRUISE

Ice protection:	As required
Pitot/static heat:	On if OAT < 4°C
Propeller:	1600-1900 rpm
Power:	Set per cruise power tables
ITT < 740°C for normal operations	

# C208B SUPER CARGOMASTER

## Normal & Emergency Checklist

### DESCENT

Ice protection:	As required
Pitot/static heat:	On if OAT < 4°C
NS/FSB:	As required
Altimeter:	Set
GPS/Nav switch:	Set
Power:	As required



### BEFORE LANDING

Seats, belts, harnesses:	Secure
Fuel selectors:	L on, R on
Fuel condition lever:	High idle
Propeller control lever:	Max (forward)
Radar:	Standby/Off
Autopilot:	Off
Wing flaps:	As desired

### NORMAL LANDING

Flaps:	Full
Airspeed:	75-85 KIAS
Touchdown:	Main wheels first
Power:	Beta after touchdown
Brakes:	As required
Note: Remove reverse before 25 kts	

# C208B SUPER CARGOMASTER

## Normal & Emergency Checklist

### SHORT FIELD LANDING

Flaps:	Full
Airspeed:	78 KIAS
Power:	Idle after clearing obstacles
Power:	Beta (against spring) after touchdown
Brakes:	Heavy braking with full up elevator
Wing flaps:	Retract if at light weight
Note:	Remove reverse before 25 kts



### BALKED LANDING

Power:	Full takeoff power
Flaps:	20°
Airspeed:	80 KIAS min. until obstacles are cleared
Flaps:	Retract at safe altitude and airspeed

### AFTER LANDING

Flaps:	Up
Ice protection:	Off
Strobes:	Off
Landing and taxi lights:	As required
Fuel condition lever:	Low idle when clear of runway

# C208B SUPER CARGOMASTER

## Normal & Emergency Checklist

### SHUTDOWN

Parking brake:	Set
Avionics:	Off
Standby power:	Off
Fuel boost:	Off
Bleed air, ventilation fans, air conditioner:	Off
Inverter:	Off
Power lever:	Idle
ITT:	Min. temperature for 1 min
Propeller:	Feather
Fuel condition lever:	Cutoff
Oxygen:	Off
Lights:	Off
Battery:	Off
Controls:	Lock
Fuel tank selectors:	Both off
Tiedowns and chocks:	As required
External covers:	Install
Fuel filter:	Check bypass flag
Oil breather drain can:	Drain



**C208 ABNORMAL CHECKLIST**  
**AIR START (STARTER--PREFERRED)**

Electrical load:	Reduce
Standby power:	Off
Avionics power:	Off
Ignition:	Normal
Air conditioner:	Off
Bleed air heat:	Off
Emergency power lever:	Normal
Power lever:	Idle
Propeller:	Min. rpm
Fuel condition lever:	Cutoff
Fuel shutoff:	On (push in)
Fuel tank selectors:	L on, R on
Battery switch:	On
Fuel boost switch:	On
AUX FUEL PUMP:	Check on
FUEL PRESS LOW:	Check off
Altitude:	20 000' maximum
Starter switch:	Start
IGNITION ON:	Check on
Engine oil pressure:	Check
Ng:	12% minimum
Fuel condition lever:	Low idle
ITT:	Monitor 1090°C max.
Ng:	52% minimum
Starter switch:	Off
Ignition:	On if required (rain, low fuel)
Fuel boost pump:	Normal, or On if cycling
Fuel condition lever:	High idle



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## Normal & Emergency Checklist

Propeller control:	As desired
Power lever:	As desired
Electrical equipment and avionics:	As required

### AIR START (WINDMILLING)

Generator switch:	Trip and release
Standby power:	Off
Avionics power:	Off
Air conditioner:	Off
Bleed air heat:	Off
Emergency power lever:	Normal
Power lever:	Idle
Propeller:	Min. rpm
Fuel condition lever:	Cutoff
Fuel shutoff:	On (push in)
Fuel tank selectors:	L on, R on
Battery switch:	On
Fuel boost switch:	On
AUX FUEL PUMP:	Check on
FUEL PRESS LOW:	Check off
Ignition switch:	On
Airspeed:	100 KIAS minimum (140 if feathered)
Altitude:	20 000' maximum (15 000' if feathered)
Ng indicator:	Check stable and non-zero
Fuel condition lever:	Low idle
ITT:	Monitor 1090°C max.
Ng:	52% minimum
Ignition:	On if required (rain, low fuel)



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## Normal & Emergency Checklist

Fuel boost:	Normal, or On if cycling
Fuel condition lever:	High idle
Propeller control:	As desired
Power lever:	As desired
Generator:	Reset and release
Electrical equipment and avionics:	As required



### ASYMMETRIC FLAP

Aileron:	Apply to stop the roll
Flap selector:	Up
Airspeed:	Slow to 100 KIAS or less
If flaps retract symmetrically:	Flapless landing
If flaps remain asymmetric:	Land as soon as practical
At least 90 KIAS on the approach	
Avoid nose-high flare on landing	

### FLAPS FAIL TO EXTEND OR RETRACT

Flap Motor/Standby Flap Motor CBs: Check in  
If flaps still fail to operate:

Standby switch:	Standby
Standby flap up/down:	As required

Notes:

Later models require breaking safety wire.  
Standby flap system has no limit switches

### LANDING WITH FLAT MAIN TIRE

Fuel:	Fly to lighten load on flat side
Approach:	Normal (full flap)
Touchdown:	Inflated tire first

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**LANDING WITH FLAT NOSEWHEEL TIRE**

Passengers and baggage:	Move aft if possible
Approach:	Normal (full flap)
Touchdown:	Nose high
Brakes:	Minimum necessary

**BATTERY TEMPERATURE HIGH (AMBER)**

Battery:	Off
Ammeter:	Check in BATT position
If ammeter shows charge:	
Generator:	Trip and release
Standby power:	Off
All electrical switches:	Off
Bus 1 Pwr/Bus 2 Pwr CBs:	Pull off (6!)
Avionics switches:	Off
Standby power:	On
Avionics standby power:	Lift guard, on
Avionics bus tie:	Lift guard, on
Reinstate essential circuits:	Monitor load
Land as soon as practical	

**GENERATOR FAILURE**

Voltmeter:	Check (annunciator failure?)
Bus 1/Bus 2 CBs:	Check, do not reset!
If V < 24,5 V:	
Volt/ammeter:	Gen (monitor ammeter)
If generator output zero:	
GEN CONT/GEN FIELD CBs:	In
Generator:	Reset and release

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## Normal & Emergency Checklist

Electrical load: Reduce  
Avionics 2: Off  
Flashing beacon: Off  
Strobes: Off  
De-icing: Off (keep 1 pitot!)  
Vent fans: Off  
Air cond.: Off  
GEN CONT/GEN FIELD: Pull  
AP CONT or AP FD: Pull  
Land as soon as practical  
Standby generator: Use if available  
If generator output resumes: Monitor voltage  
(over 29 V will probably trip again)



### STARTER DOES NOT DISENGAGE

Battery: Off  
Auxiliary power unit: Off then disengage  
Fuel condition lever: Cutoff  
Engine shutdown: Complete

### UPPER HALF OF CARGO/AIRSTAIR DOOR OPEN

Airspeed: Less than 100 KIAS  
Wing flaps: Full (to provide downwash)  
Door: Close if helper available  
Land: Normal approach and landing

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## Normal & Emergency Checklist

### LOWER HALF OF AIRSTAIR DOOR OPEN

Airspeed:	Less than 100 KIAS
Return for landing	
Wing flaps:	Full
Land:	Slightly tail low, avoid nose high flare



### CREW DOOR OPEN

Airspeed:	Less than 100 KIAS
Door:	Pull closed and latch

### CARGO POD DOOR(S) OPEN

Airspeed:	Less than 100 KIAS
Land as soon as practical	
Approach:	Normal
Landing:	Avoid nose-high flare

## **C208 SUPER CARGOMASTER EMERGENCY CHECKLIST**

### **EMERGENCY LANDING WITHOUT POWER**

Seats, belts, harnesses:	Secure
Airspeed:	100 KIAS (flaps up), 80 KIAS (full flap)
Power lever:	Idle
Propeller:	Feather
Fuel condition lever:	Cutoff
Fuel Boost:	Off
Ignition:	Normal
Standby power:	Off
Nonessential equipment:	Off
Fuel shutoff:	Off (pull out)
Fuel tank selectors:	Off (warning horn)
Wing flaps:	As required (full recommended)
Crew doors:	Unlatch before touchdown
Battery:	Off when landing is assured
Touchdown:	Slightly tail low
Brakes:	Apply heavily



### **PRECAUTIONARY LANDING**

Seats, belts, harnesses:	Secure
Flaps:	10°
Airspeed:	90 KIAS
Field:	Select, fly over, check terrain and obstacles
Switches:	All off except Generator and Battery
Flaps:	Full down

# C208B SUPER CARGOMASTER

## Normal & Emergency Checklist

Airspeed:	80 KIAS
Crew doors:	Unlatch before touchdown
Generator:	Trip and release
Battery:	Off
Touchdown:	Slightly tail low
Fuel condition lever:	Cutoff
Brakes:	Apply heavily



### DITCHING

Radio:	Mayday on 121,5 MHz, squawk 7700
Heavy objects:	Secure if passenger available
Seats, belts, harnesses:	Secure
Flaps:	Down
Power:	300 fpm descent at 80 KIAS
Approach:	Into heavy wind or parallel to swells
Face:	Cushion using padding
Touchdown:	No flare
Evacuate	
Life vests and rafts:	Inflate outside cabin

### ENGINE FIRE IN FLIGHT

Power lever:	Idle
Propeller:	Feather
Fuel condition lever:	Cutoff
Fuel shutoff:	Off (pull out)
Cabin heat firewall shutoff:	Pull off
Forward side vents:	Close
Overhead vents:	Open
Ventilation fans:	On
Wing flaps:	20 to 30°
Airspeed:	80-85 KIAS
Forced landing:	Execu

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**BATTERY OVERHEATED (RED)**

Battery:	Off
Generator:	Trip and release
Standby power:	Off
All electrical switches:	Off
Bus 1 Pwr/Bus 2 Pwr CBs:	Pull off (6 breakers)
Avionics switches:	Off
Standby power:	On
Avionics standby power:	Lift guard, on
Avionics bus tie:	Lift guard, on
Reinstate essential circuits:	Monitor load
Land as soon as practical	

**ELECTRICAL FIRE IN FLIGHT**

Battery:	Off
Generator:	Trip and release
Standby power:	Off
Vents:	Close to avoid drafts
Bleed air heat:	Off
Fire extinguisher:	Activate
Oxygen:	Use until smoke clears
Avionics power:	Off
All other switches:	Off
If fire appears out and electrical power necessary:	
Battery switch:	On
Standby power:	On
Generator:	Reset and release
Circuit breakers:	Check, do not reset
Inverter:	1 or 2 if required

# C208B SUPER CARGOMASTER

## Normal & Emergency Checklist

Radio switches:	Off
Avionics power switches:	On
Radio and electrical switches:	On one at a time; delay
Vents:	Open when fire completely extinguished
Bleed air heat:	On as desired



### CABIN FIRE

Battery:	Off
Generator:	Trip and release
Standby power:	Off
Vents:	Close to avoid drafts
Bleed air heat:	Off
Fire extinguisher:	Activate
Oxygen:	Use until smoke clears
Land as soon as possible	

### WING FIRE

Pitot/static heat, Stall heat:	Off
Strobe lights:	Off
Navigation lights:	Off
Landing and taxi lights:	Off
Radar:	Off
Ventilation fans:	Off
Sideslip if required, land as soon as possible	

# C208B SUPER CARGOMASTER

## Normal & Emergency Checklist

### CABIN FIRE ON GROUND

Power lever:	Idle
Brakes:	As required
Propeller:	Feather
Fuel condition lever:	Cutoff
Battery:	Off
Evacuate	
Fire:	Extinguish



### ENGINE FIRE DURING START ON GROUND

Fuel condition lever:	Cutoff
Fuel boost:	Off
Starter switch:	Motor (within starter limits)
Fuel shutoff:	Off (pull out) if fire persists
Starter:	Off if fire ceases
Battery:	Off
Evacuate	
Fire:	Extinguish

### FCU PNEUMATIC/GOVERNOR MALFUNCTION

Power lever:	Idle
Emergency power lever:	As required ( $N_g > 65\%$ )

### LOSS OF FUEL PRESSURE

Fuel boost pump:	On
If FUEL PRESS LOW extinguishes:	
Monitor fuel quantity, cabin outdoors	

# C208B SUPER CARGOMASTER

## Normal & Emergency Checklist

Land as soon as practical  
If FUEL PRESS LOW/AUX FUEL PUMP ON:  
Monitor engine gauges for fuel starvation  
Land as soon as possible

### FUEL RESERVOIR LOW

Fuel tank selectors:	L on, R on
Ignition:	On
Fuel boost:	On
If sufficient fuel in wing tanks: Monitor gauges and FUEL PRESS LOW Land as soon as possible and investigate If there are signs of fuel starvation: Prepare for forced landing	



### EMERGENCY DESCENT: ROUGH AIR

Seats, belts, harnesses:	Secure
Power lever:	Idle
Propeller:	Full forward
Wing flaps:	Up
Airspeed:	VA (148 to 112 KIAS)

### EMERGENCY DESCENT: SMOOTH AIR

Seats, belts, harnesses:	Secure
Power lever:	Idle
Propeller:	Full forward
Wing flaps:	10°
Airspeed:	VMO (175 KIAS)

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*Normal & Emergency Checklist*



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