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REV F406
RVL Aviation Cessna 406 Caravan II

Revision: 0
Date: 13 November 2024

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1. RVL Aviation Cessna 406 Caravan II Registrations

IATA Designator:	-
ICAO Designator:	REV
Valid for:	**GFIND, GLEAF, GRVLG, GRVLW, GRVLX, GRVLY**

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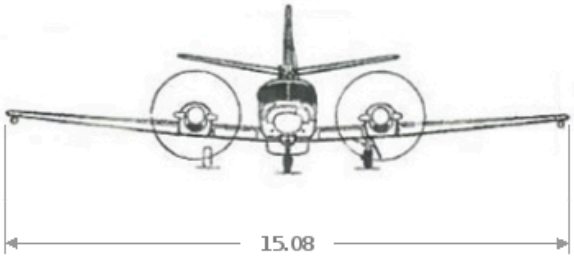
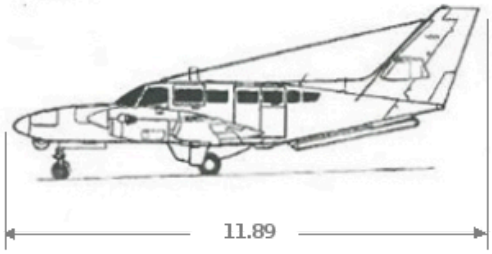
2. Aircraft Dimensions

All dimensions in meters.





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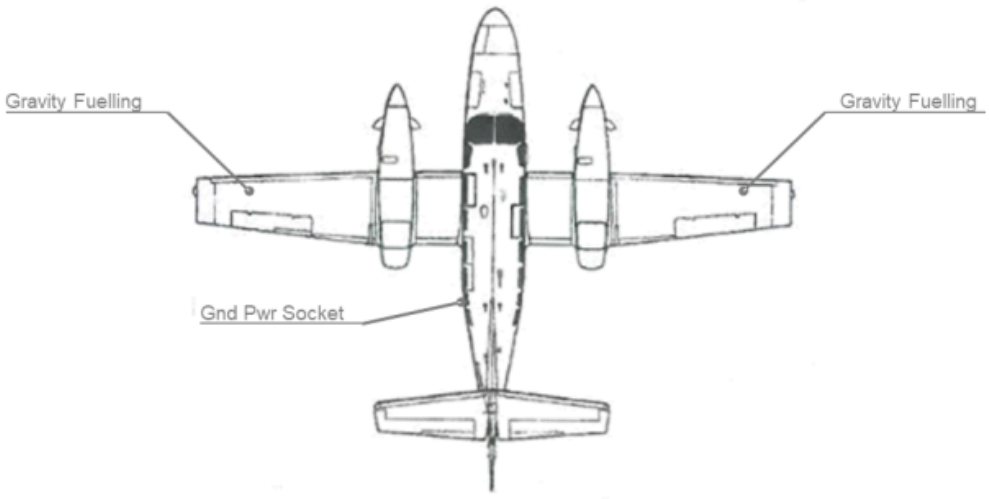
3. Aircraft Servicing Points and Specifications

3.1 Servicing Points



3.2 Servicing Specifications

System	Requirements	Notes
Ground Power Unit	28V DC	Min of 800 Amperes required
Fuel	Jet A1	Gravity fuelling only

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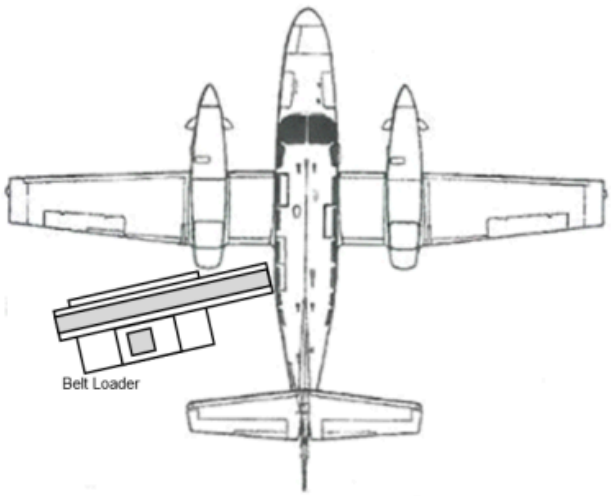
4. Ground Support Equipment

4.1 Positioning of GSE



4.2 GSE Requirements

GSE	Type	Quantity
Belt Loader	Standard	1
Tractor	N/A	1
Baggage Cart	N/A	According to load
Fork-lift	Not Allowed	

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5. Standard Turnover Times

Turn-around time: 00:35 hour (full off- and on-load)

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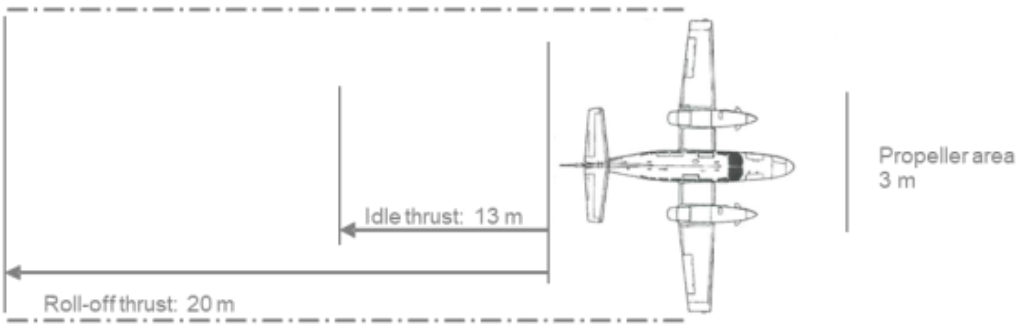
6. Safety Areas



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7. Strong Wind Conditions

All doors can be opened in any wind speeds allowing for flight operations.

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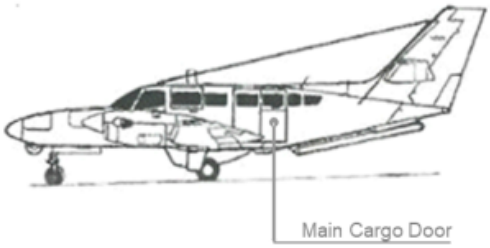
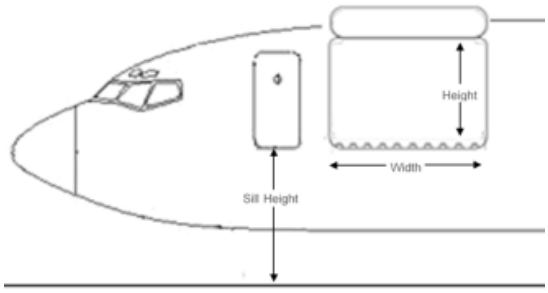
8. Aircraft Door Dimensions



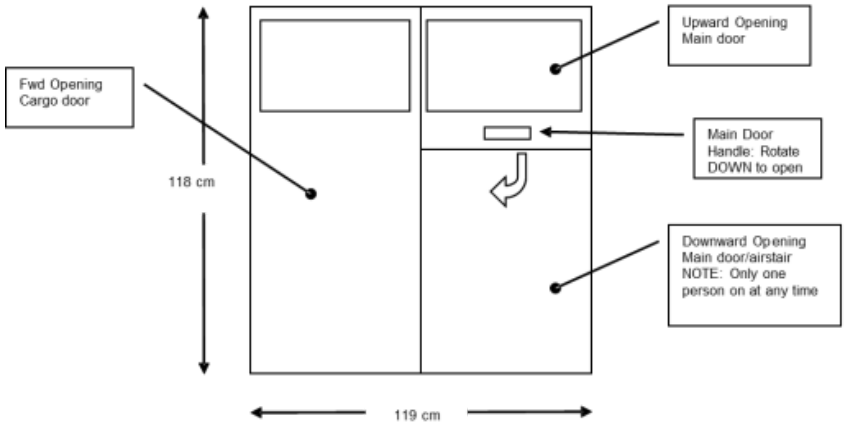
Door width, height, and sill height are defined as follows.

(This drawing is for illustration purposes only and may not be an exact representation of this aircraft type)



All dimensions are in centimetres (cm).

Door	Door Width	Door Height	Min. Door Sill Height	Max. Door Sill Height
Cargo Door	119	118	94	104



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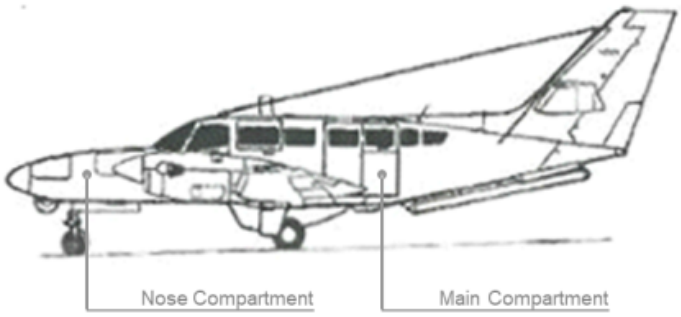
9. Compartment Classification and Air-Conditioning



9.1 Compartment Classification

Compartment	Features
Main Compartment	- Classification A
	- Unpressurised
	- **Accessible** during flight
Nose Compartment	- Classification N/A
	- Unpressurised
	- **In-Accessible** during flight

9.2 Air-Conditioning

	Main-Compartment	Nose-Compartment
Temperature	15°C to 30°C	Ambient temperature
Heating	Yes	No
Heat adjust	Yes	No
Cooling	No	No
Ventilation	Yes	No

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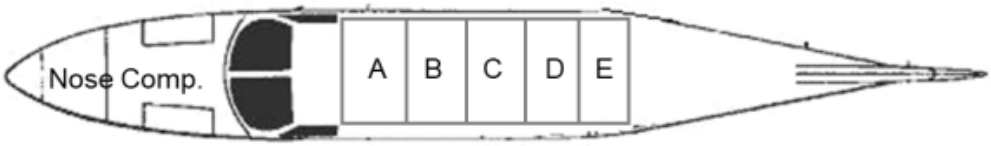
10. Aircraft Cabin Contour Dimensions

10.1 Aircraft Contour Compartments



10.1.1 Cargo Compartment Dimensions

Fig 1: Internal and door dimensions:

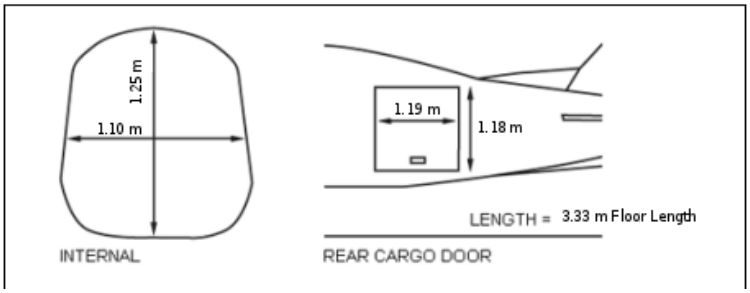
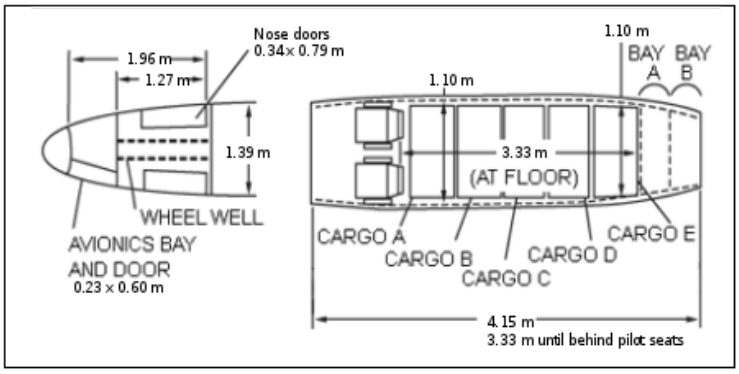


Fig 2: Floor and Cargo Zone Layout:



All dimensions in meters

Compartment	Length	Width	Height
Main	3.33	1.10	1.25
Nose	1.96	1.39	0.23 to 0.34

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11. Maximum Position Weights

Compartment	Max. Weight (kg)	Max. Floor load (kg/m2)
Nose Comp.	250	360
Zone A	272	960* 360**
Zone B	272	960* 360**
Zone C	272	960* 360**
Zone D	272	960* 360**
Zone E	272	960* 360**
Bay A***	136	360
Bay B***	45	360

* Smooth bottom packages

** Packages on Pallet or with feet

*** Bay A and B is normally left empty

Note: Maximum recommended weight per package: **100 kg**

Heavier packages can be loaded with prior arrangement and preparation.

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12. Loading and Un-loading



Severe risk of Tail-tipping

12.1 Un-Loading Sequence

Observe the following rules to prevent tail-tipping

Un-load the Cabin in the following sequence, and respect the standard step un-loading method:

- **Un-load from rear** of Main Cabin
- Un-load Nose Compartment
- No more than 1 person allowed at the same time behind the door

12.2 Loading Sequence

Observe the following rules to prevent tail-tipping

Load the Cabin in the following sequence, and respect the standard step un-loading method:

- Load Nose Compartment
- Load from front of Main Cabin
- No more than 1 person allowed at the same time behind the door

12.3 Loading Notes

12.3.1 Tail-stand

This aircraft does not use a tail stand.

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13. Rigid, Oversized and Special Loads

13.1 Aircraft Engines

This aircraft type does not support the carriage of aircraft engines.

13.2 Live Animals

13.2.1 Horses

This aircraft type does not support the carriage of horses.

13.2.2 Other Live Animals

Live animals are normally not allowed on this aircraft, prior arrangement must be made if live animals shipment is required.

The following table provides a list of commonly transported animals. If there is a requirement to transport animals not listed below, contact the operator for more information.

<table>
<tr><th></th><th>Main Cabin</th><th>Nose</th></tr>
<tr><td>Day-old chickens</td><td rowspan="5">No</td><td rowspan="8">No</td></tr>
<tr><td>Dogs or Cats</td></tr>
<tr><td>Small Mammals or Birds</td></tr>
<tr><td>Tropical Fish</td></tr>
<tr><td>Reptiles or Amphibians</td></tr>
<tr><td>Eels</td><td rowspan="2">Yes</td></tr>
<tr><td>Crustaceans or Molluscs</td></tr>
<tr><td>Insects</td><td rowspan="2">No</td></tr>
<tr><td>Hatching eggs</td></tr>
</table>

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14. Restricted Commodities Loading

14.1 Radioactive (RRY), Magnetised (MAG) and Cargo Aircraft Only (CAO)

The following Dangerous Good type loading restrictions apply. The Dangerous Good type can be loaded on positions marked with a 'Y'. The Dangerous Good type cannot be loaded on positions marked with a 'N'.

	Position					
DG Type	Nose	A	B	C	D	E
MAG	N	N	N	N	N	N
CAO	N	N	N	N	N	N
RRY (Class 7)	N	N	N	N	N	N

14.2 Dry Ice

Up to 310 Kg of Dry Ice can be loaded on this aircraft.

14.3 Dry Ice (ICE) and Live Animals (AVI)

Loading of ICE and AVI **is not allowed** in the same compartment.

14.4 Lithium Batteries

UN3480 Section IB (RBI) UN3090 Section IB (RBM) can be loaded in the Main Cargo compartment.

Up to 5Kg of Section II Lithium Batteries can be loaded in the Main Cargo compartment.

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15. Messaging and Reporting

15.1 Messaging

Standard messaging rules apply.

15.2 Reporting

Standard messaging rules apply.

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16. Load Control Data

16.1 Standard Mass Additions

16.1.1 Additional Crew Members (ACM)

Maximum Number of ACMs:	1
Mass of ACM:	100 kg

16.1.2 Fly Away Kit (FAK) and Ballast

Fly Away Kit (FAK):	N/A
Ballast:	N/A

16.2 Minimum Fuel and Standard Taxi Fuel

Minimum Fuel:	273 kg
Standard Taxi Fuel:	34 kg

16.3 LMC Restrictions

LMC at crew dicretion.

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17. Maximum Package Dimensions

Maximum package size is limited to what can fit through the doors. Package size is limited to 1.10m x 1.10m x 1.10m for main compartment and 0.23m x 0.60m x 1.25m for nose compartment.

Maximum length in main compartment is limited to 3.33m but may have to be shorter if package is wide or cannot make the turn through the door.

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