

AIRCRAFT

LOAD DATA SHEET - PAGE 1 OF 3 - AEROPLANE WEIGHT

Aeroplane Type:..... CESSNA 172N

Registration Marking:..... **VH-MUW** Serial No: 17269962

ISSUE:.... THREE DATE:..... 03-Sep-13 EXPIRY:..... INDEFINITE

AEROPLANE WEIGHT AND CENTRE OF GRAVITY DATA:

ITEM	WEIGHT (Kg)	ARM (mm aft of datum)	INDEX UNIT (Kg.mm)	CABIN CONFIGURATION
BASIC	689.4	1008	695147	FOUR SEATS TOTAL

STANDARD CABIN CONFIGURATION
LYCOMING O-320-D2J ENGINE INSTALL PER STC SA2714CE
GROSS WEIGHT INCREASE PER STC SA2196CE

NOTE: The above empty weights include:-

BASIC - unusable fuel and full oil

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LOAD DATA SHEET - PAGE 2 OF 3 - EQUIPMENT LIST

This list details the items included in the empty weight shown in Page 1.

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ENGINES
Lycoming O-320-D2J..... 1

PROPELLERS
McCaughey 1C160..... 1

COMPASSES
Magnetic..... 1
Remote Indicating..... 0

THERMOMETERS
Engine Temp(Cyl.Head).. 1
Oil Temp..... 1
Outside Air Temp..... 1

INDICATORS
Airspeed..... 1
Directional Gyro..... 1
Exhaust Gas Temp..... 1
Flight Hour..... 1
Fuel Flow..... 0
Gyro Horizon..... 1
Stall Warning..... 1
Tacho Recording..... 1
Trim Indicator..... 2
Turn Co-ordinator..... 1
Vertical Speed..... 1
Wing Flap Position..... 1
Assigned Altitude..... 1

RADIO EQUIPMENT (TYPE)
ADF..... ARC R546E
A/P-F/D..... 0
Speakers..... 1
G/slope..... PART NAV
Headsets..... 1
HF Com..... 0
VHF Com..... ICOM IC-A200
VHF Nav..... NARCO NAV-122
Audio..... APOLLO SL10-M
Txponder..... GARMIN GTX320A
Encoder..... ACK A-30
Intercom..... 0
GPS..... GARMIN GNC300XL
Int DME..... 0

INSTRUMENTS
Altimeters..... 1
Ammeters..... 1
Clocks..... 1

GAUGES
Engine Oil Pressure..... 1
Fuel Contents..... 2
Suction Pressure..... 1

LIGHTS
Anti-collision..... 1
Inst. Full Panel..... 1
Inst. Flood/Spot..... 1
Landing/Taxi..... 2
Map Reading..... 1
Navigation..... 3
White Strobes (Tips)..... 0
Cabin..... 1

RESTRAINT EQUIPMENT
Rear Bagg Net..... 0
Inertia Reels..... 0
Lap-sash Harnesses..... 2
Lap Belts..... 2

ELECTRICAL EQUIPMENT
Alternators..... 1
Batteries..... 1
Starters (Lightweight)..... 1
External Power..... 0

MISCELLANEOUS EQUIPMENT
Dual Controls..... 1
Fire Ext.(Portable)..... 1
Cabin Heater..... 1
Vacuum Pumps..... 1
Heated Pitots..... 1
Alternate Static..... 1
Wheel Fairings..... 3

DISPOSABLE LOAD LIST
First Aid Kit..... 0
Torch..... 1
V.S.Beacon/E.L.T..... Artex ME406



LOAD DATA SHEET - PAGE 3 OF 3 - LOADING SYSTEM

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The following is valid only for the Empty Weight specified in Page 1 of 3 - Aeroplane Weight dated.. 3.09.13 and is based on calculations using Occupant Weights of 60 to 90 Kg each.

A...NORMAL CATEGORY OPERATIONS:-

1. OCCUPANTS:-

Load Front to Rear (i.e. Front seats first)
Load Heaviest Passengers in front row

2. BAGGAGE COMPARTMENT LIMITATIONS:-

<u>Number of Occupants</u>	<u>Maximum Baggage</u>
One(pilot)	54.4 Kg
Two	54.4 Kg
Three	54.4 Kg
Four	21.6 Kg

3. FUEL:-

Fuel is limited only by All Up Weight

MAXIMUM TAKE-OFF WEIGHT.....1088 Kg

B...UTILITY CATEGORY OPERATIONS:-

Fuel is limited only by All Up Weight

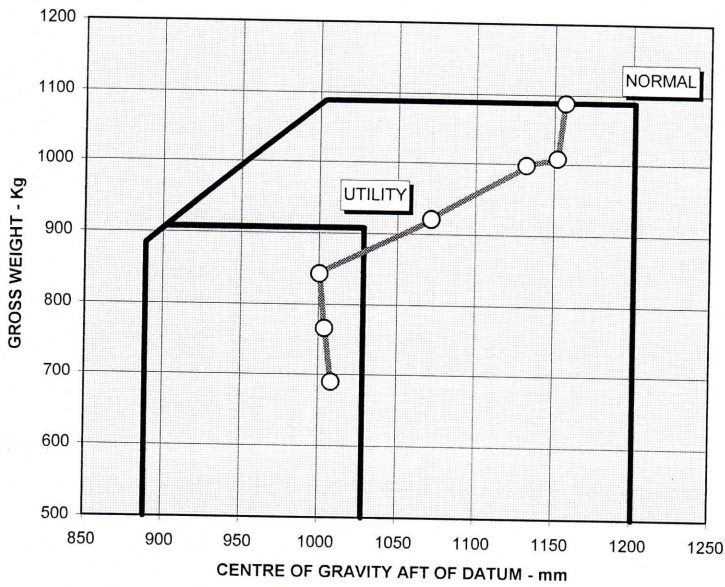
MAXIMUM TAKE-OFF WEIGHT.....907 Kg

NOTE: In utility category operations, the baggage compartment must be empty and the rear seat unoccupied.



CESSNA 172N

VH-MUW



TYPICAL LOAD CHECK
 BASIC PLUS TWO CREW @ 77 Kg EACH
 TWO PASSENGERS @ 77 Kg EACH
 AFT BAGGAGE @ 10 Kg
 FUEL TO TAKE-OFF WEIGHT

AIRCRAFT

ITEM	WEIGHT (Kg)	ARM (mm)	MOMENT (Kg.mm)
BASIC WEIGHT	689.4	1008.4	695147
FRONT SEATS		940	
REAR SEATS		1854	
BAGGAGE AREA 1 (MAX 54.4 Kg)**		2413	
BAGGAGE AREA 2 (MAX 22.7 Kg)**		3124	
ZERO FUEL WEIGHT			
FUEL		1219	
TAKE-OFF			

**MAXIMUM TOTAL BAGGAGE 54.4 Kg



3.Sep.13