

AeroWeigh

LOAD DATA SHEET - PAGE 1 OF 3 - AEROPLANE WEIGHT

Aeroplane Type:..... CESSNA 310Q

Registration Marking:..... **VH-UPL** Serial No: 310Q0720

ISSUE:..... FIVE DATE:..... 27.3.06 EXPIRY:..... 27.3.09

AEROPLANE WEIGHT AND CENTRE OF GRAVITY DATA:

ITEM	WEIGHT (Kg)	ARM (mm aft of datum)	MOMENT (Kg.mm)	CABIN CONFIGURATION
EMPTY	1638.7	969	1588602	SIX SEATS TOTAL
STANDARD CABIN CONFIGURATION				
THE FOLLOWING IMPERIAL UNITS ARE FOR USE WITH THE PILOTS HANDBOOK SECTION SIX				
	(lb)	(in)	(in.lb)	
EMPTY	3612.6	38.17	137885	SIX SEATS TOTAL

NOTE: The above empty weights include:-

EMPTY - unusable fuel and full oil

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OAD 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/PROPS

Cont. IO-470..... 2
McCauley D2AF34C71..... 2

COMPASSES

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

THERMOMETERS

Engine Temp(Cyl.Head)... 2
Oil Temp..... 2
Outside Air Temp..... 1

INDICATORS

Airspeed..... 1
Directional Gyro..... 1
Exhaust Gas Temp..... 0
Flight Hour..... 1
Fuel Flow..... DUAL
Gyro Horizon..... 2
Tach Warning..... 1
Stall Non-recording..... DUAL
Trim Indicator..... 3
Turn and Bank..... 1
Gear Posn. Lights..... 4
Vertical Speed..... 1
Flap Position..... 1
Assigned Altitude..... 1

RADIO EQUIPMENT (TYPE)

ADF..... KING KR87
A/P-F/D..... STEC 50
Speakers..... 2
G/slope..... PART NAVS
G/slope..... ARC R443A(inop)
Headsets..... 1
HF Com..... BARRETT F24
MF Display.. APOLLO MX20
GPS/Com 1. GARMIN GNC300XL
GPS/Com 2. GARMIN GNC300XL
Annunciator. GARMIN MD-41
Nav/Com..... KING KX155
Marker..... ARC R502B
Txponder..... KING KT76
Encoder..... ACK A-30
Audio..... KING KMA24H
CD Player.... PIONEER DEH246

INSTRUMENTS

Altimeters..... 2
Volt/Ammeters..... 1
Clocks..... 1
Prop De-ice Amps..... 1

GAUGES

Engine Oil Pressure..... 2
Fuel Contents..... DUAL
Manifold Pressure..... DUAL
Suction Pressure..... 1

LIGHTS

Anti-collision..... 1
Inst. Full Panel..... 1
Panel Flood..... 1
Landing..... 2
Map Reading..... 2
Navigation..... 3
White Strokes(tips)..... 0
Passenger O/head..... 4
Taxi..... 1
Wing Walk Courtesy..... 1
Step Courtesy..... 1

RESTRAINT EQUIPMENT

Lap-sash harnesses..... 2
Lap Belts..... 4

ELECTRICAL EQUIPMENT

Alternators..... 2
Batteries..... 2
Starters..... 2
External Power..... 1

MISCELLANEOUS EQUIPMENT

Dual Controls..... 1
De-ice Boots..... 0
Fire Ext.(Portable)..... 0
Land.Gear Warn.Horn..... 1
Cabin Heater..... 1
Vacuum Pumps..... 2
Heated Pitots..... 1
Alternate Static..... 1

DISPOSABLE LOAD LIST

First Aid Kit..... 1
Torch..... 1
V.S.Beacon/E.L.T..... ELT-10

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LOAD DATA SHEET - PAGE 3 OF 3 - LOADING SYSTEM

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REFER TO LOAD AND TRIM SHEET BC/C310Q/1 (8 MAR 95) CESSNA 310Q

1. Use standard trim sheet procedures. Enter top of chart using current Basic Empty Weight and Arm obtained from Load Data Sheet.
2. Total load weights in left hand column obtaining Zero Fuel Weight and Take-off Weight. Draw horizontal lines on the C.G. Limits Graph at the bottom of the chart.
3. From the Basic Weight Vs Arm point at the top of the chart, draw a line **VERTICALLY** down to intersect the first load item scale.
(NOTE: Crew seats has "NIL" Scale)
4. Move along the load item scale in the direction of the arrow and mark a point appropriate to the load indicated in the left hand column [e.g. with 50 Kg/Div a 100 Kg load = 2 Div.]
5. Continue **VERTICALLY** down the load item scales, moving to the left or right as indicated by the arrows and marking scale divisions as appropriate to each load.
6. From the last cabin load item scale draw a line **VERTICALLY** down to intersect the Zero Fuel line previously drawn on the limits graph.
7. Continue down to the fuel scales and mark off the appropriate load, noting that FUEL has 100Kg/Div scales, then draw a line **VERTICALLY** down from the last fuel point to intersect the Take-off Weight line previously drawn on the limits graph.
8. The two intersection points above must not exceed the boundaries of the limits graph (heavily shaded). If either point does, then the load must be rearranged and loading rechecked with steps 2 to 7.

*****DO NOT EXCEED MAXIMUM WEIGHTS SHOWN ON THE CHART*****

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