

LOAD DATA SHEET - PAGE 1 OF 3 - AEROPLANE WEIGHT

Aeroplane Type:..... PIPER PA28-181

Registration Marking:..... **VH-IPD** Serial No: 2843147

ISSUE:..... **TWO** DATE:..... 18-Aug-14 EXPIRY:..... INDEFINITE

AEROPLANE WEIGHT AND CENTRE OF GRAVITY DATA:

ITEM	WEIGHT (Kg)	ARM (mm aft of datum)	MOMENT (Kg.mm)	CABIN CONFIGURATION
EMPTY	784.3	2225.0	1745011	FOUR SEATS TOTAL
STANDARD CABIN CONFIGURATION				
THE FOLLOWING IMPERIAL UNITS ARE FOR USE WITH THE PILOTS HANDBOOK SECTION SIX				
	(lb)	(in)	(in.lb)	
EMPTY	1729.0	87.60	151460	FOUR SEATS TOTAL

NOTE: The above empty weights include:-

EMPTY - unusable fuel and full oil

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LOAD DATA SHEET - PAGE 3 OF 3 - LOADING SYSTEM

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following is valid only for the Empty Weight specified in Page 1 of 3 Aeroplane Weight dated.. 18.08.14 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 Passenger in front row

2. BAGGAGE COMPARTMENT LIMITATIONS:-

<u>Number of Occupants</u>	<u>Maximum Baggage</u>
One(pilot)	90.7 Kg
Two	90.7 Kg
Three	65.8 Kg
Four	22.3 Kg

FUEL:-

Fuel is limited only by All Up Weight

MAXIMUM TAKE-OFF WEIGHT.....1157 Kg

B...UTILITY CATEGORY OPERATIONS:-

No limitations except Utility Category all up weight limit

MAXIMUM TAKE-OFF WEIGHT.....966 Kg

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

NOTE: If a full Loading Check is required, refer to Instructions and Charts in the Pilots Handbook Section Six.



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/PROPELLERS

Lycoming O-360-A4M..... 1
Sensenich 76EM8S14..... 1

COMPASSES

Magnetic..... 1

THERMOMETERS

Oil Temp..... 1
Outside Air Temp..... 1
Carb Ice Detector..... 0

INDICATORS

Airspeed..... 1
Directional Gyro..... 1
Exhaust Gas Temp..... 1
Hourmeter..... 1
Gyro Horizon..... 1
Oil Warning..... 1
Scho Recording..... 1
Trim Indicator..... 2
Turn Co-ordinator..... 1
Vertical Speed..... 1
Assigned Altitude..... 0

RADIO EQUIPMENT (TYPE)

ADF..... KING KR87
A/P-F/D..... KING KAP140
Speakers..... 2
G/Slope..... PART NAVS
Headsets..... 1
GPS/Com..... GARMIN GNS430
Nav/Com..... KING KX155A
Txponder..... KING KT76C
Encoder..... NARCO AR850
Audio/Mkr..... PSE PMA6000M
CD Player..... INNOVATIONS

DISPOSABLE LOAD LIST

Torch..... 1
V.S.Beacon/E.L.T..... Artex ME406
Tow Bar..... 1

INSTRUMENTS

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

GAUGES

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

LIGHTS

Anti-collision..... See Strobe
Inst. Full Panel..... 1
Inst. Overhead..... 2
Landing..... 2
Map..... 2
Navigation..... 4
White Strobes (Tips)..... 2
Cockpit Courtesy..... 1
Passenger O/Head..... 2

RESTRAINT EQUIPMENT

Lap-sash Inertia..... 4
Rear Baggage Straps..... 2

ELECTRICAL EQUIPMENT

Alternator..... 1
Batteries..... 1
Starters..... 1
External Power..... 1

MISCELLANEOUS EQUIPMENT

Dual Controls..... 1
Fire Ext.(Portable)..... 0
Vacuum Pump..... 1
Heated Pitot..... 1
Cabin Heat (Muff)..... 1
Alternate Static..... 1
Auxiliary Vac System..... 1
Cabin Vent Fan..... 1
Airconditioner..... 0
Electric Trim..... 1
Wheel Fairings..... 3