

Any Date Fuel load full mains and aux - 5 gal "wet" locker

AIRCRAFT: Cessna 414 414-0840 N414TRIP

Revised Weight and Balance and Equipment list due to Trip Considerations

ITEM	WEIGHT	ARM	MOMENT
AIRCRAFT BEFORE CHANGE	4851.05	157.69	764962.06
EQUIPMENT ADDED			
Pilot and Co-pilot	340.00	137.00	46580.00
Pax Seats 3 and 4	340.00	175.00	59500.00
Catering in storage area	20.00	279.00	5580.00
Cabin Supplies	10.00	282.00	2820.00
Nose Storage-"Flyaway kit"	45.00	71.00	3195.00
Baggage 4 x 30# each	120.00	71.00	8520.00
Water 2.5 gallons	21.25	71.00	1508.75
Misc items - flippers etc	30.00	71.00	2130.00
Fuel main tanks full 100gal	585.00	152.00	88920.00
Fuel aux tanks full 63 gal	368.55	164.00	60442.20
Fuel locker tank 5 gal (wet)	29.25	166.00	4855.50
TOTAL	6760.10	156.06	1055013.51

ZERO FUEL WEIGHT 5777.30 lbs.
COMPUTED TAKE OFF WEIGHT 6760.10 lbs.
COMPUTED TAKE OFF C. G. 155.17 ins.
REMAINING USEFUL LOAD 4.90 lbs.

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A & P 2015910 I. A.

NOTES: As modified to RAM IV configuration

MAX Ramp Weight 6800 #
MAX Takeoff weight 6765 #
MAX Langing weight 6430 #
MAX Zero fuel weight 6165 #

If Take-Off is made @ max take off weight of 6765 #
Required fuel burn off to land @ max landing weight
is 335 # or approx 58 gallons approx 1+30 flight time

Main tanks required to br full at take off weights above
6350 #.