

Aircraft: MU2 N856JT
 Departure point: SALINA RGNL SLN
 Destination point: TULSA INTL TUL

Flight 1: SALINA RGNL SLN / TULSA INTL TUL

| | | | |
|-------------|------------|-------------|------------------|
| Crew | 188 LB x | 97.20 IN = | 182.7 MOM/100 |
| Forward Bag | 25 LB x | 230.70 IN = | 57.7 MOM/100 |
| Main Tank | 1,045 LB x | 167.30 IN = | 1,748.6 MOM/100 |
| Outer Tanks | 201 LB x | 163.40 IN = | 328.4 MOM/100 |
| Tip Tanks | 603 LB x | 155.90 IN = | 940.1 MOM/100 |
| <hr/> | | | |
| BASIC OP WT | 6,977 LB x | 160.78 IN = | 11,217.0 MOM/100 |
| Cabin Load: | 213 LB | | |
| MTOGW: | 9,920 LB | | |
| MLW: | 9,435 LB | | |
| MZFW: | 9,270 LB | | |

| SUMMARY | Gross (LB) | Under A/C Max (LB) | Aft of Datum (IN) | Fwd Lim (IN) | Aft Lim (IN) | %MAC |
|---------|------------|--------------------|-------------------|--------------|--------------|-------|
| RAMP WT | 9,039 | 931 | 160.14 | 153.70 | 161.55 | 31.56 |
| TOGW | 8,989 | 931 | 160.10 | 153.70 | 161.55 | 31.49 |
| LGW | 8,510 | 925 | 160.40 | 153.70 | 161.55 | 31.99 |
| ZFW | 7,190 | 2,080 | 159.36 | 153.70 | 161.55 | 30.27 |

CREW MEMBERS:

PIC:
 SIC:

PASSENGER(S):

REMARKS:

Subj: **CEN14FA046 - A/C Weight Estimate**
Date: 11/19/2013 1:52:30 P.M. Central Standard Time
From: sauera@ntsb.gov
To: Rmsfly@aol.com
CC: OCALLAJ@ntsb.gov

Hello Ralph,

For performance purposes, could you please calculate an estimated weight at the time of the accident for the MU-2B-25 based on the following information:

1. Weight and Balance – attached
2. Pilot – 188 lbs
3. Cargo – Est 25 lbs
4. Fuel at Departure from Salina – Mains: Full, Outers: Full, Tips: 45/ea (this fuel load is from Salina FBO)

Estimated accident flight time; departure to accident – 45 mins

Please advise as soon as possible.

Thanks,

Aaron

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