

GRUMMAN COUGAR GA7 - AIRCRAFT DATA CARD

N723GA

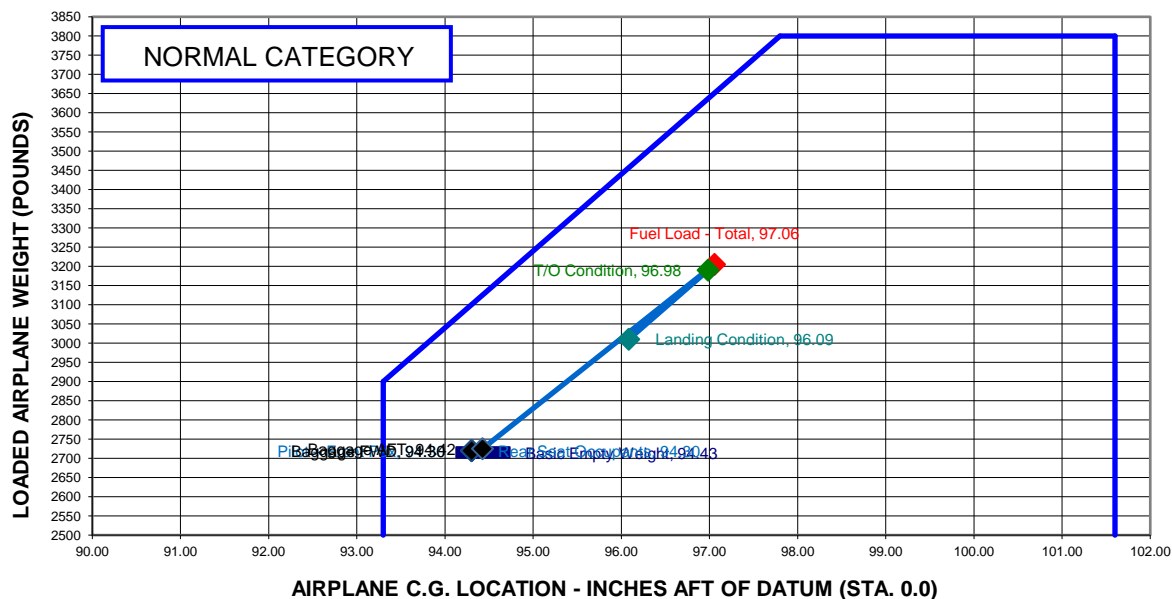
| WEIGHT AND BALANCE | | KFRG - KFRG | | 10/27/2017 | |
|------------------------------------|----------------------|----------------|--------------|---------------|--|
| ITEM | QUANTITY | WEIGHT | ARM | MOM/1000 | |
| Basic Empty Weight | | 2715.35 | 94.43 | 256.41 | |
| Baggage - FWD (Max 75 Lbs) | | 5 | 26.00 | 0.13 | |
| Pilot + Front Seat Occupant | | 0 | 91.00 | 0.00 | |
| Rear Seat Occupant(s) | | 0 | 128.00 | 0.00 | |
| Baggage - AFT (Max 175 Lbs) | | 5 | 160.00 | 0.80 | |
| Zero Fuel Weight (ZFW) | | 2725.35 | 94.42 | 257.34 | |
| Fuel Load - L (Max 57 Gal Usable) | 40 | 240 | 112.00 | 26.88 | |
| Fuel Load - R (Max 57 Gal Usable) | 40 | 240 | 112.00 | 26.88 | |
| Ramp Conditions | | 3205.35 | 97.06 | 311.10 | |
| Start, Taxi, Run-up | -2.6 | -15.6 | 112.00 | -1.75 | |
| TO Condition (Max 3800 Lbs) | | 3189.75 | 96.98 | 309.35 | |
| Less Fuel to Destination | 30 | -180 | 112.00 | -20.16 | |
| Landing Condition | | 3009.75 | 96.09 | 289.19 | |
| Useful Load Available | 594.65 Pounds | | | | |
| VA (120 Knots at MTOW) | 106 Knots | | | | |

| AIRCRAFT LOADING | | |
|----------------------|----|------|
| Pilot | 0 | Lbs. |
| Front Seat Occupant | 0 | Lbs. |
| Subtotal | 0 | Lbs. |
| Rear Seat Occupant 1 | 0 | Lbs. |
| Rear Seat Occupant 2 | 0 | Lbs. |
| Subtotal | 0 | Lbs. |
| Baggage - FWD | 5 | Lbs. |
| Baggage - AFT | 5 | Lbs. |
| Subtotal | 10 | Lbs. |

| PREFLIGHT ACTION | |
|-------------------------|--------------|
| Gross Takeoff Weight | 3189.75 Lbs. |
| ATIS / Time | / |
| Wind | / |
| Headwind | Kts |
| Crosswind | Kts |
| Visibility | SM |
| Sky Condition / Weather | |
| Temperature/Dewpoint | / |
| Altimeter | . |
| Pressure Altitude | Ft. |
| Density Altitude | Ft. |

| PERFORMANCE DATA | |
|----------------------|-----|
| TAKEOFF | |
| Ground Roll | Ft. |
| Over 50' Obstacle | Ft. |
| Accelerate-Stop | Ft. |
| Runway Available | Ft. |
| SINGLE-ENGINE | |
| Rate of Climb | FPM |
| Service Ceiling | Ft. |
| LANDING | |
| Ground Roll | Ft. |
| Over 50' Obstacle | Ft. |
| Runway Available | Ft. |

CENTER OF GRAVITY LIMITS



Revision 1.0 (10/2014)

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