



C182RG Preflight Sheet

WEIGHT AND BALANCE

| ITEM | (MAX) | WEIGHT | ARM | MOMENT |
|----------------------------|------------|--------|-------|--------|
| B.E.W. | | | | |
| Pilot and Passenger | | | 37.0 | |
| Rear Passenger(s) | | | 74.0 | |
| Baggage A | (120 lbs) | | 97.0 | |
| Baggage B | (80 lbs) | | 121.0 | |
| Zero Fuel Weight | | | | |
| Ramp Fuel | (450 lbs) | | 48.0 | |
| Ramp Wt. | (3112 lbs) | | | |
| Taxi Fuel | | -12 | 48.0 | -576 |
| G. T. W. (3100 lbs) | | | | |
| Trip Fuel | | | 48.0 | |
| G.L.W. | | | | |

Z.F.W. CG _____ G.T.W. CG _____ G.L.W. CG _____

V_A _____ (112 kts. @ 3100 lbs. to 89 kts. @2000lbs.)
-2.09 kts./100 lbs.

TAKEOFF DATA

Ground Roll _____ ft.
 Dist. Over 50' Obstacle _____ ft.
 V_R _____ KIAS
 V_X _____ KIAS
 V_Y _____ KIAS
 Accelerate-Stop Distance _____ ft.

LANDING DATA

Ground Roll _____ ft.
 Dist. Over 50' Obstacle _____ ft.
 Approach Speed _____ KIAS

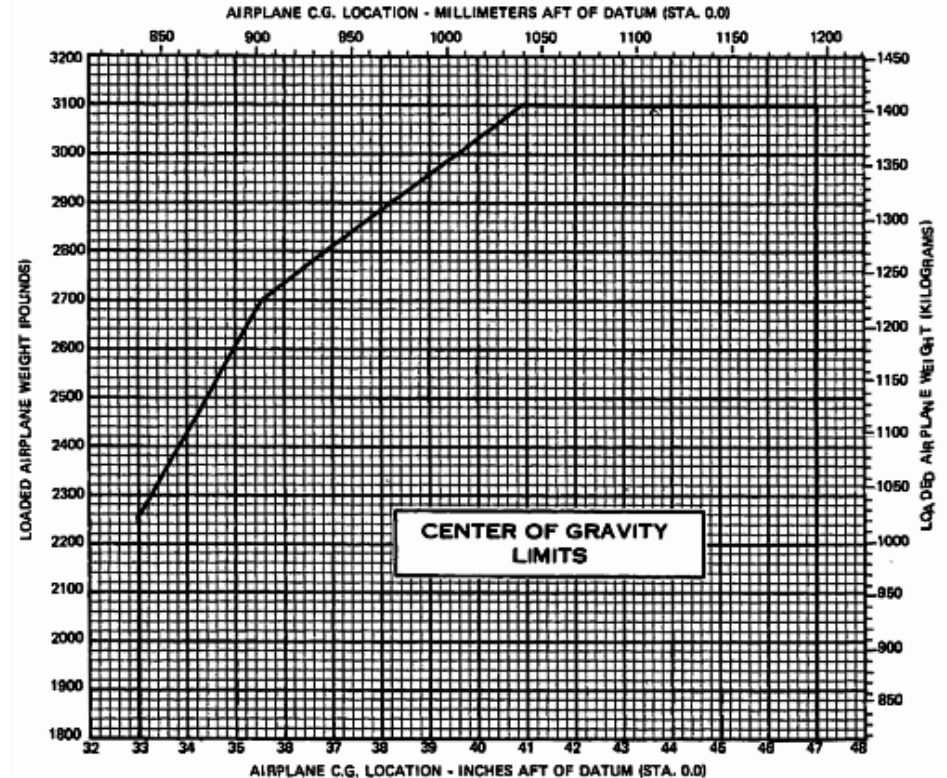


Figure 6-8. Center of Gravity Limits

| | |
|--------|----------|
| | 9947C |
| B.E.W. | 1962.62 |
| Moment | 68751.43 |

PREFLIGHT ITEMS

- Pilot Cert / Gov Photo ID / Medical
- Endorsements (Solo Students)
- Solo Activity Sheet (Solo Students)
- Aircraft Documents (SPARROW)
- Maintenance Inspections (AVIATES)
- Aircraft Checklist
- Weather Briefing

CREW BRIEFING

- Airport Diagram (Hotspots)
- ATIS / AWOS / ASOS / FSS

- Runways in use
- Crosswind Component
Headwind ____ kts / Tailwind ____ kts
- Takeoff / Accelerate-Stop Distance
- Departure / Taxi Clearance:

- V_A
- Who is P-I-C / Acting P-I-C?
- Positive Exchange of Flight Controls
- Sterile Cockpit
- **Safe Attitude**

PASSENGER BRIEFING

- Seatbelts
- Air Vents
- Fire Extinguisher
- Exit Use
- Survival Kit / Flotation Gear
- Traffic Watch

PRE-TAKEOFF BRIEFING

- Runway Available / Runway Required
- Obstacles on Departure
- Wake Turbulence
- Windssock / Crosswind Control Position

EMERGENCY PLAN OF ACTION

Engine Failure or System Malfunction:

- A) Prior to rotation.
- B) After rotation, runway remaining.
- C) After rotation, no runway remaining or gear in transit.

Briefed Safe Altitude _____ ft.
Best Glide Airspeed _____ KIAS