

1-800-wxbrief _____



Flight School Aircraft Dispatch Release
Flight Risk Assessment Tool (FRAT)

Per University Air Center's companywide Safety Management System (SMS), our flight school requires the following form be filled out accurately and completely before the release of ANY aircraft.

Aircraft N# 1410E Tach (current) _____ Annual _____
100 HR _____ 50 HR _____

Items to check	Initials
Check Aircraft Discrepancy Log	
Review UAC S.O.P./ Applicable Reqs. (Bi-annual flight review, medical, rental agreement, insurance)	
Weather, TFRs, and NOTAMS _____ WX Description _____	
Review V speeds Vr _____ Vx _____ Vy _____ Vg _____	
Required Fuel Load (Ensure adequate fuel load for the flight,)	
List Any Cross Country Airports _____	
Departure and Arrival Alternate (If IFR and required by FAR or SOP) Flight to _____ Alternate _____	

I.M.S.A.F.E
(Illness, medication, stress, alcohol, fatigue, emotion)

C.A.R.E.
(Consequences, Alternatives, Reality, External Pressures)

P.A.V.E.
(Pilot, Aircraft, enVironment, External Press.)

PIC Signature _____ Date _____
A Complete Passenger List Must be provided – List additional Passenger below and on back of sheet
Full Names _____

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Weight & Balance

	Weight	X Arm	= Moment
Basic Empty Weight	1738.4	41.498	72,140.
Front Pilots	+	37	+
Rear Passengers	+	73	+
Baggage	+	95	+
Zero Fuel Weight	=		CG =
Usable Fuel	+	48	+
Ramp Weight	=	NA	=
Taxi Fuel	-	48	-
Takeoff Weight	=		CG =
Fuel Burn	-	48	-
Landing Weight	=		CG =

Formulas

- Weight X Arm = Moment
- Total Moment ÷ Total Weight = Center of Gravity (CG)
- Max Ramp Weight – Zero Fuel Weight = Usable Fuel Weight
- 100 LL Fuel Weight = 6lbs./gal.

Performance

**Short Field
Takeoff Distance**
Ground Roll | 50ft Obst.

**Short Field
Landing Distance**
Ground Roll | 50ft Obst.

*Review performance charts in aircraft book

Gainesville

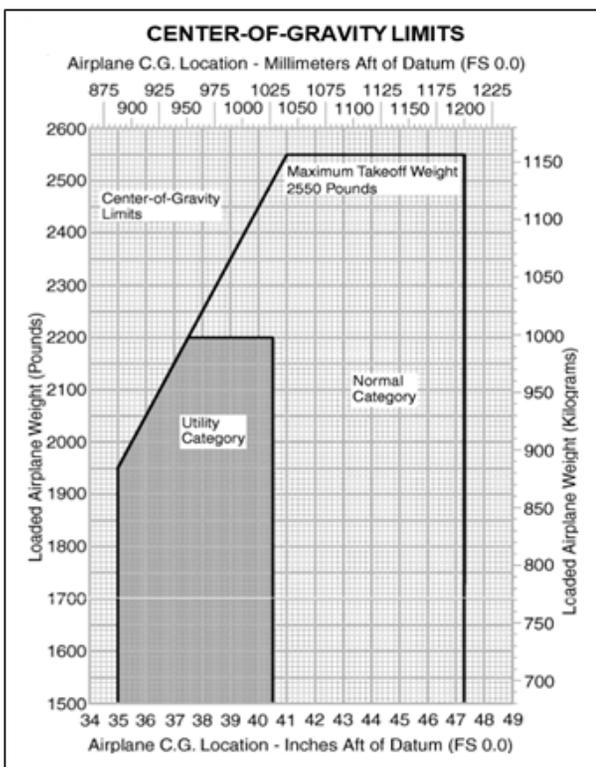
Frequencies:

ATIS – 127.15
GROUND – 121.7
TOWER – 119.55
UNICOM – 122.95

Destination Airport

Frequencies:

ATIS/AWOS –
GROUND –
TOWER –
UNICOME/CTAF –



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