

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# 82783 Tach (current) _____ Annual _____
100 HR _____ 50 HR _____

Items to check	Initials	
Check Aircraft Discrepancy Log		I.M.S.A.F.E. <input type="checkbox"/>
Review UAC S.O.P./ Applicable Reqs. (Bi-annual flight review, medical, rental agreement, insurance)		(Illness, medication, stress, alcohol, fatigue, emotion)
Weather, TFRs, and NOTAMS _____ WX Description _____		C.A.R.E. <input type="checkbox"/>
Review V speeds Vr _____ Vx _____ Vy _____ Vg _____		(Consequences, Alternatives, Reality, External Pressures)
Required Fuel Load (Ensure adequate fuel load for the flight,)		P.A.V.E. <input type="checkbox"/>
List Any Cross Country Airports _____		(Pilot, Aircraft, en Vironment, External Press.)
Departure and Arrival Alternate (If IFR and required by FAR or SOP) Flight to _____ Alternate _____		

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	1475.5		86.83		128,117.67
Front Pilots	+		80.50	+	
Rear Passengers	+		118.10	+	
Baggage	+		142.80	+	
Zero Fuel Weight	=			CG	=
Usable Fuel	+		95	+	
Ramp Weight	=		NA	=	
Taxi Fuel	-		95	-	
Takeoff Weight	=			CG	=
Fuel Burn	-		95	-	
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.

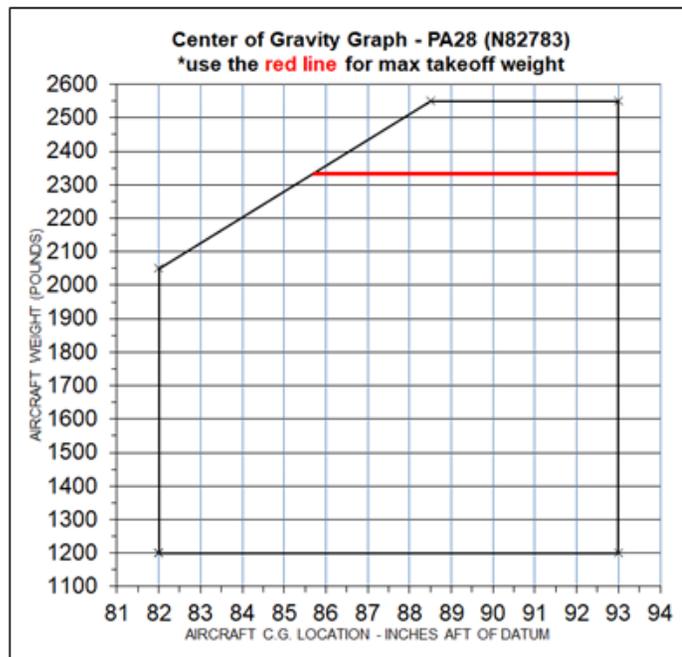
Performance

**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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