

Weight & Balance

Warrior: N445MK

Last Updated 5/3/2018	Weight	Arm	Moment
Basic Empty Weight	2662.3	87.01	231651.2
Pilot & Front Passenger		80.5	
Rear Passengers		118.1	
Baggage Area (200 lbs max)		142.8	
		142.8	
		142.8	
Zero Fuel Weight		XXXXXX	
Fuel Weight (6 lbs/ gal)		95.0	
Ramp Weight		XXXXXX	
Start / Taxi / Run-up:	-16	95.0	-1520
Takeoff Weight			
Trip Fuel Burn (6 lbs/ gal)		95.0	
Heater Fuel Burn (if used) ½ gallon/hour		95	
Landing Weight			

Weight

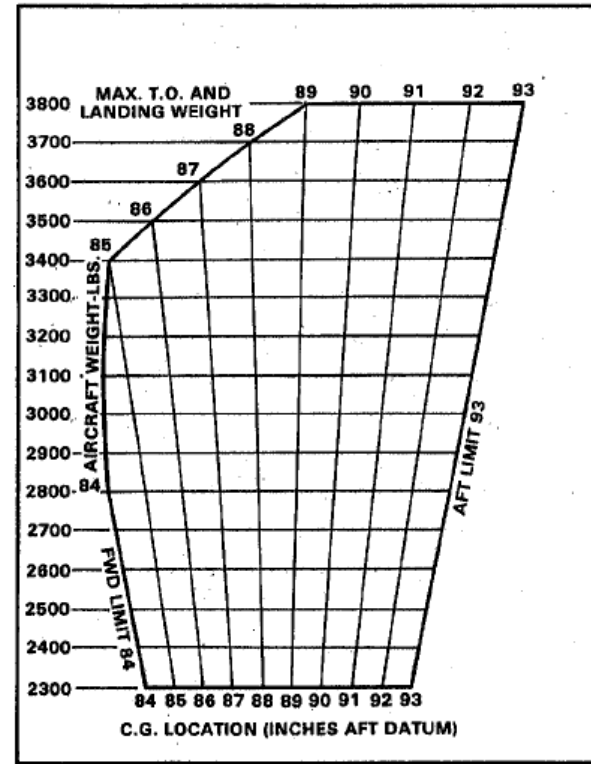
Maximum Ramp Weight 3816 Moment / Weight = Arm
 Maximum Takeoff Weight 3800
 Maximum landing Weight 3800

FAR 91.103 – Preflight Action

Departure Weather:

Barometric Pressure _____"Hg Temp _____°C Dewpoint _____°C
 Pressure Altitude: _____ Density Altitude: _____
 Service Ceiling: _____ ft Single-engine Service ceiling _____ ft
 Surface Winds: _____°at _____ kts Crosswind Component: _____ kts.
 Headwind Component: _____ kts Multi-engine Acc/stop distance _____ ft
 Single Engine Climb _____ ft/min

NAME: _____ DATE: _____



Destination Weather (required for flights to another airport):

Temp _____°C Dewpoint _____°C Surface Winds: _____°at _____ kts.
 Crosswind Component: _____ kts. Headwind Component: _____ kts
 Barometric Pressure _____"Hg Pressure Altitude: _____
 Density Altitude: _____ Forecast Obtained _____

Takeoff/Landing Performance:

Departure Runway Length: _____ ft. Takeoff Weight _____ lbs
 Takeoff Distance: Ground Roll _____ ft. Obstacle 50': _____ ft.
 Landing Distance: Ground Roll _____ ft. Obstacle 50': _____ ft

Student Certification

By signing below I acknowledge the following:

1. I am on Lesson # _____, and I have reviewed the Lesson Objective, Completion Standards, Reading/Study materials, and all training items required to complete the lesson.
2. I'M SAFE*
3. There are _____ hours until the next maintenance event and there are no open squawks.

Signature _____

*I'M SAFE CHECKLIST

- I (illness)
- M (medication)
- S (stress)
- A (alcohol)
- F (fatigue)
- E (eating/emotions)

Passenger Approval

The following passenger(s) is/are approved to accompany this flight:

Signature _____

[Chief/Assistant Chief Instructor]

Solo students must **ACTIVATE** and **FILE** a VFR Flight Plan and inform their CFI or Dispatch upon arrival at each destination

U.S. DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION		(FAA USE ONLY) <input type="checkbox"/> PILOT BRIEFING <input type="checkbox"/> VNR			TIME STARTED	SPECIALIST INITIALS
FLIGHT PLAN						
1. TYPE	2. AIRCRAFT IDENTIFICATION	3. AIRCRAFT TYPE/SPECIAL EQUIPMENT	4. TRUE AIRSPEED	5. DEPARTURE POINT	6. DEPARTURE TIME	
<input type="checkbox"/> VFR <input type="checkbox"/> IFR <input type="checkbox"/> DVFR			KTS		PROPOSED (Z)	ACTUAL (Z)
7. CRUISING ALTITUDE						
8. ROUTE OF FLIGHT						
9. DESTINATION (Name of airport and city)			10. EST. TIME ENROUTE		11. REMARKS	
			HOURS	MINUTES		
12. FUEL ON BOARD		13. ALTERNATE AIRPORT(S)		14. PILOT'S NAME, ADDRESS & TELEPHONE NUMBER & AIRCRAFT HOME BASE		15. NUMBER ABOARD
HOURS	MINUTES			17. DESTINATION CONTACT/TELEPHONE (OPTIONAL)		
16. COLOR OF AIRCRAFT		CIVIL AIRCRAFT PILOTS, FAR 91 requires you file an IFR flight plan to operate under instrument flight rules in controlled airspace. Failure to file could result in a civil penalty not to exceed \$1,000 for each violation (Section 901 of the Federal Aviation Act of 1958, as amended). Filing of a VFR flight plan is recommended as a good operating practice. See also Part 99 for requirements concerning DVFR flight plans.				

FAA Form 7233-1 (8-82)

CLOSE VFR FLIGHT PLAN WITH _____ FSS ON ARRIVAL