

Weight & Balance

Warrior: N332MK

Last Updated 5/3/2018	Weight	Arm	Moment
Basic Empty Weight	1656.2	88.1156	145937.0
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:	-7	95.0	-665
Takeoff Weight			
Trip Fuel Burn (6 lbs/ gal)		95.0	
Landing Weight			

Weight

Maximum Ramp Weight 2558
Maximum Takeoff Weight 2550
Maximum landing Weight 2550

Moment / Weight = Arm

FAR 91.103 – Preflight Action

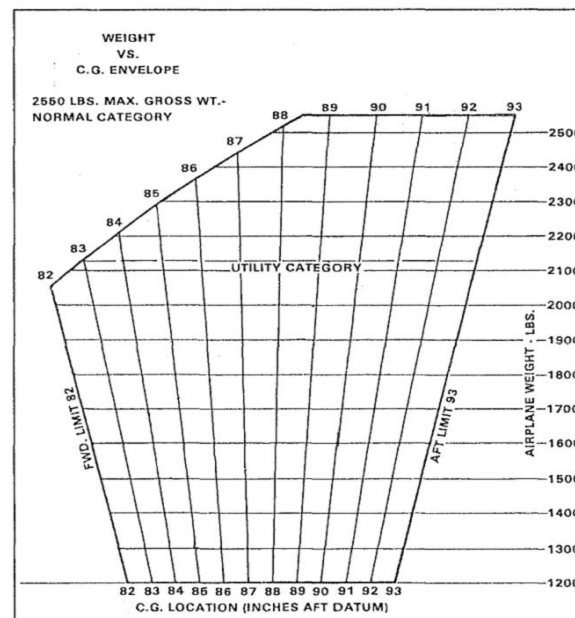
Departure Weather:

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

NAME: _____ DATE: _____

SECTION 6 WEIGHT AND BALANCE

PIPER AIRCRAFT CORPORATION
PA-28-181, ARCHER III



C.G. RANGE AND WEIGHT
Figure 6-15

REPORT: VB-1563
6-12

ISSUED: AUGUST 19, 1994

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 <input type="checkbox"/> STOPOVER		TIME STARTED	SPECIALIST INITIALS	
1. TYPE VFR IFR DVFR	2. AIRCRAFT IDENTIFICATION	3. AIRCRAFT TYPE/SPECIAL EQUIPMENT	4. TRUE AIRSPEED KTS	5. DEPARTURE POINT	6. DEPARTURE TIME PROPOSED (Z) ACTUAL (Z)	7. CRUISING ALTITUDE
8. ROUTE OF FLIGHT						
9. DESTINATION (Name of airport and city)		10. EST. TIME ENROUTE HOURS MINUTES		11. REMARKS		
12. FUEL ON BOARD HOURS MINUTES		13. ALTERNATE AIRPORT(S)		14. PILOT'S NAME, ADDRESS & TELEPHONE NUMBER & AIRCRAFT HOME BASE 17. DESTINATION CONTACT/TELEPHONE (OPTIONAL)		15. NUMBER ABOARD
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

