



N362 PIPER ARCHER II Weight & Balance

Last Revised: 11/11/2022

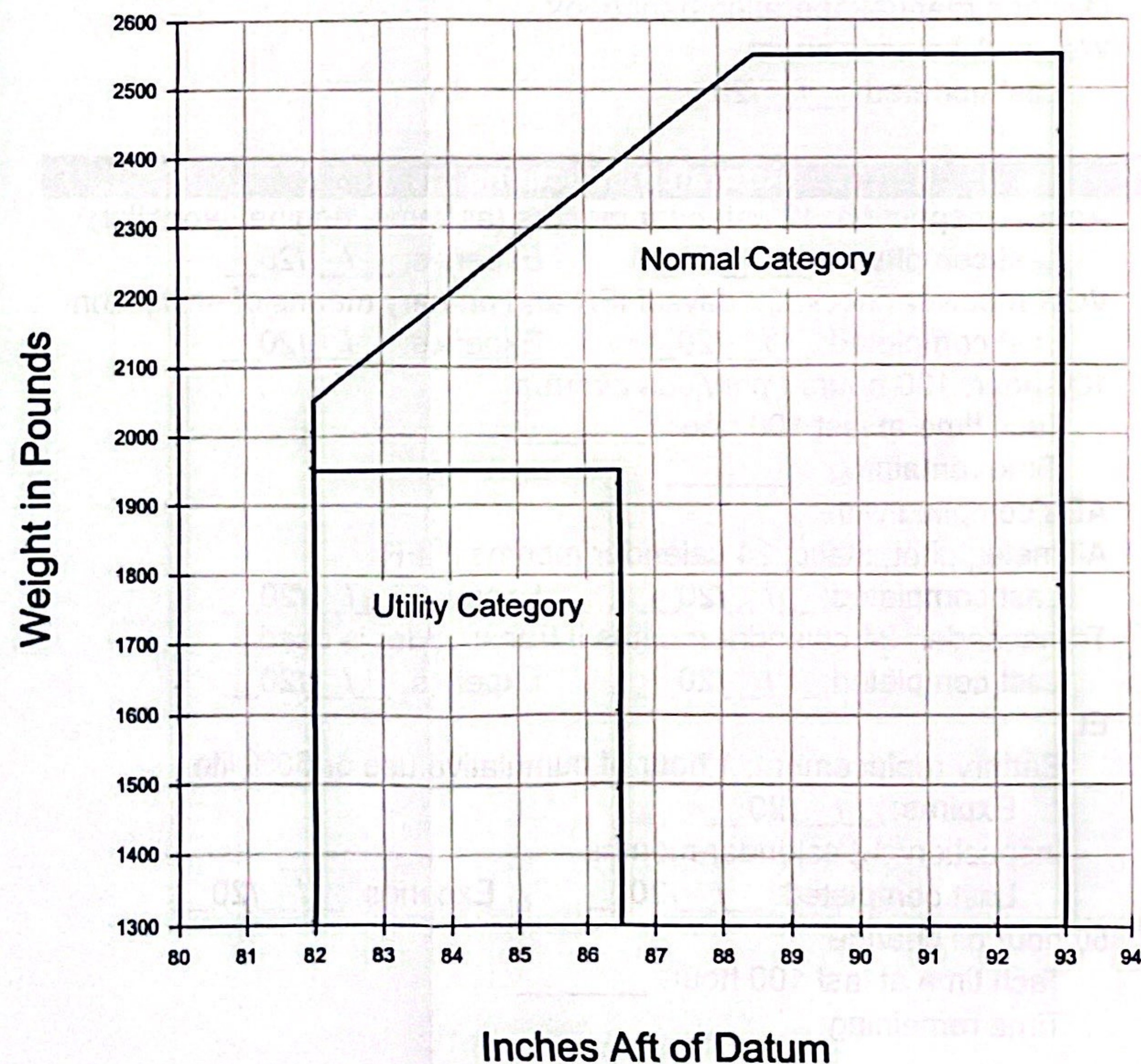
	Weight (lbs)	x	Arm (inches)	=	Moment (in-lbs)
Aircraft Empty Weight	1569.29		87.84730674		137857.9
Oil Included in empty weight					
Front Seat Occupants			80.5		
Rear Seat Occupants			118.1		
Baggage (200lb max)			142.8		
Zero Fuel Weight and CG			CG =		
+ Usable Fuel (288lb max)			95		
Full Fuel Weight			CG =		
- Fuel Used			95		
Takeoff Weight			CG =		
- Fuel Used			95		
Landing Weight			CG =		

Conversions and Equations

Weight x Arm = Moment
 Total Moment / Total Weight = CG
 Cruise gal/hour x Fuel Remaining = Endurance

 Fuel Weight = ~6 lbs/gal
 Oil Weight = ~1.875 lbs/quart

C.G. Range and Weight



Aircraft Performance

Departure Takeoff Distance to Clear 50 ft Obstacle	
Destination Takeoff Distance to Clear 50 ft Obstacle	
Cruise % Horsepower	
Cruise Gal/Hour	
Endurance at Top of Climb (Hours)	
Glide Range at Cruising Altitude of ft	
Departure Landing Distance to Clear 50 ft Obstacle	
Destination Landing Distance to Clear 50 ft Obstacle	