

SunQuest Aviation Inc.

(561) 627-0037 Fax 627-0131

North County General Aviation Airport · West Palm Beach · Florida

N722WM PIPER ARROW PA28R-200

SPEEDS

	Normal Category	MPH
Max Certified Gross Weight.....	2650 LBS	
Maneuvering Load Factor....	+3.8G/NO INVERTED MANUEVERS APPROVED	
V _A (lbs.).....		134MPH
V _{NE}		214 MPH
V _{NO}		170MPH
V _{FE}		125MPH
V _Y (flaps 0/)(gear down)		95MPH
V _y (gear up).....		100MPH
V _X (flaps 0/)(gear down)		85MPH
V _x (gear up).....		96MPH
V _R (flaps 0/).....		60-70MPH
V _S		71MPH
V _{S0}		64MPH
V _{GLIDE}		105MPH
V _{io} (gear up).....		125MPH
V _{io} (gear down).....		150MPH
Recommended Climb(enroute).....		110MPH
Final Approach speed (Flaps up).....		90MPH
Final Approach speed (Short field Flaps 40).....		80MPH
Max demonstrated X-wind component.....		20MPH

Engine (Lycoming)	IO360-C1C
Rated at (2700RPM)	200HP
Oil Capacity (max).....	8qt.
Oil Capacity (min).....	6qt.
Total Fuel Capacity (2 tanks)	50gal
Total Usable Fuel	48gal
Center of Gravity Range.....	See POH

	(Lbs.) WEIGHT	(inches) ARM	(in-lbs) MOMENT
WEIGHT & BALANCE			
Basic Empty Weight (N722WM)	1782.0	83.29	148431.00
Pilot & Passenger		85.5	
Rear Passenger		118.1	
Baggage (Max 200lbs.)		142.8	
Fuel (Max 50gal - 300lbs.)		95.0	
Moment due to retraction of gear			
Useful Load:	868 lbs.		

Maneuvers	PA-28R-200
Normal Category	All Acrobatic Maneuvers, Including Spins, Prohibited