

Model
Reference Report

Actual Aircraft Weighing
PA-46-350P (Mirage)
VB-1950 VB-2121

Page 1 of 1

Serial Number 4636649

Standard Paint Scheme (X) Yes () No

Registration Number N200JP

Equipped per APO revision C
Exceptions: NONE

Weighed with full oil of 12 quarts

Aircraft as weighed

Scale Position	Scale Readings	Tare	Net weight
Forward Weigh Point	698	-0.90	697.10
Right Weigh Point	1213	-0.90	1212.10
Left Weigh Point	1220	-0.90	1219.10

Eric Mascarenhas / 11/22/14
(Personnel Weighing) / (Date)

Total Empty weight 3128.30

Calculated weigh point moment

Weigh Point Measurements (if necessary)	
Forward: _____	$\frac{60.5}{\text{Weigh Point POH Dimensions/Actual}} \times \frac{697.10}{\text{Forward Weight}} = 42174.55$
Right: _____	
Left: _____	$\frac{157.0}{\text{Weigh Point POH Dimensions/Actual}} \times \frac{2431.20}{\text{Right and Left}} = 381698.40$
Note: Datum is 100.0	Total Moment <u>423872.95</u>

Aircraft weight and arm

	Weight (pounds)	Inches Aft Datum	Moment (Inch-pounds)
Total Empty Weight	3128.3	135.4963	423873.0
+ Unusable Fuel	12.00	150.31	1803.72
Basic Empty Weight*	3140.3	135.5529	425676.7
- Optional Equipment	108.4	149.0397	16155.9
Standard Empty Equipped Weight*	3031.9	135.0707	409520.8

Checked Per PPS 50067

Ballast Required
Ballast Not Required

X

A. Tyson / 12/01/2014
(Calculations performed by) / (Date)

Basic Empty weight and Standard Empty Equipped Weight includes full oil capacity and 2 gallons of unusable fuel.
Note: Aircraft Weigh Points and Unusable Fuel Weight and Datum should be obtained from the applicable weighed aircrafts current Pilot Operating Handbook.