

# Sharkey's



# Helicopters, Inc.

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## Weight & Balance

Date Weighed	12/29/2015	Serial #	831	W/O #	GMA 346
Weighed By	Enstrom	N#	N288SH	Max-Gross	2600.0
Date Computed	5/9/2016	Model	F28F	Useful Load	877.0
Computed By	FSPR743W	T-Time	22.0	Empty Wt.	1723.0

Description	HORIZONTAL			LATERAL		Ins	Re
	Weight	Arm	MOMENT	ARM	Moment		
<b>Aircraft Values</b> 04/12/16	<b>1,695.56</b>	<b>102.94</b>	<b>174,541.50</b>	<b>0.00</b>	<b>0.00</b>		
Garmin GTN750 GPS/NAV/COM	9.30	33.00	306.90	0.00	0.00	X	
Garmin GTX345R Transponder	2.91	30.00	87.30	0.00	0.00	X	
Garmin GTR225 COM	3.06	35.00	107.10	0.00	0.00	X	
Garmin GMA350C Audio Panel	2.40	37.00	88.80	0.00	0.00	X	
Avidyne 9900BX TCAD	6.50	64.00	416.00	0.00	0.00	X	
Ryan Int. XPDR Coupler	0.50	24.00	12.00	0.00	0.00	X	
Ryan Int. L-Band Antenna Top	0.67	74.00	49.58	0.00	0.00	X	
Ryan Int. L-Band Antenna Bottom	0.75	59.00	44.25	0.00	0.00	X	
TED XPDR Antenna	0.06	34.00	2.04	0.00	0.00	X	
Garmin CDI Ind.	1.30	30.00	39.00	0.00	0.00	X	
FSPR743W							
<b>New Aircraft Values</b>	<b>1,723.01</b>	<b>101.97</b>	<b>175,694.47</b>	<b>0.00</b>	<b>0.00</b>		

<u>Most Forward C.G.</u>	Wt.	Horizontal		Lateral	
		Arm	Moment	Arm	Moment
Empty Weight	1,723.01	101.97	175,694.47	0.00	0.00
+ Pilot	200.00	62.00	12,400.00	(13.50)	(2,700.00)
+ Co Pilot	175.00	62.00	10,850.00	20.50	3,587.50
+ Center Passenger	175.00	62.00	10,850.00	3.00	525.00
+ Fuel	12.00	96.00	1,152.00	0.00	0.00
+ Baggage	6.00	135.00	810.00	0.00	0.00
	<u>2,291.01</u>	<u>92.43</u>	<u>211,756.47</u>	<u>0.62</u>	<u>1,412.50</u>
<u>Most Aft C.G.</u>					
Empty Weight	1,723.01	101.97	175,694.47	0.00	0.00
+ Pilot	170.00	62.00	10,540.00	(13.50)	(2,295.00)
+ Co Pilot	0.00	62.00	0.00	20.50	0.00
+ Center Passenger	0.00	62.00	0.00	3.00	0.00
+ Fuel	12.00	96.00	1,152.00	0.00	0.00
+ Baggage	43.00	135.00	5,805.00	0.00	0.00
	<u>1,948.01</u>	<u>99.17</u>	<u>193,191.47</u>	<u>(1.18)</u>	<u>(2,295.00)</u>