

# Sharkey's



# Helicopters, Inc.

PO Box 5471 6 Airport Road W. Lebanon, NH 03784 603-298-8728 Fax 298-6175 E-Mail roger@sharkeys.com

## Weight & Balance

Date Weighed	01/21/2002	Serial #	5047	W/O #	2877
Weighed By	Enstrom	N#	N723BF	Max-Gross	3000.0
Date Computed	06/15/2023	Model	480B	Useful Load	1135.8
Computed By	FSPR743W	T-Time	718.2	Empty Wt.	1864.2

Description	HORIZONTAL			LATERAL		In	Re
	Weight	Arm	MOMENT	ARM	Moment		
<b>Aircraft Values</b>	<b>1,864.21</b>	<b>144.71</b>	<b>269,767.25</b>	<b>0.07</b>	<b>126.15</b>		
FSPR743W							
<b>New Aircraft Values</b>	<b>1,864.21</b>	<b>144.71</b>	<b>269,767.25</b>	<b>0.07</b>	<b>126.15</b>		

	Wt.	Horizontal		Lateral	
		Arm	Moment	Arm	Moment
Empty Weight	1,864.21	144.71	269,767.25	0.07	126.15
+ Pilot	170.00	99.00	16,830.00	(20.25)	(3,442.50)
+ Co Pilot	170.00	99.00	16,830.00	21.30	3,621.00
+ Center Passenger	0.00	113.10	0.00	1.00	0.00
+ Forward Passenger	0.00	89.00	0.00	11.50	0.00
+ Inboard Rear Passenger	0.00	113.10	0.00	(2.00)	0.00
+ Middle Rear Passenger	0.00	113.10	0.00	14.00	0.00
+ Right Rear Passenger	0.00	113.10	0.00	24.00	0.00
+ Battery Relocated Aft					
+ Baggage Behind Pilot Seat	3.50	119.00	416.50	(24.00)	(84.00)
+ Baggage Aft Compartment	15.00	192.00	2,880.00	0.00	0.00
<b>Zero Fuel Weight &amp; C.G.</b>	<b>2,222.71</b>	<b>138.00</b>	<b>306,723.75</b>	<b>0.10</b>	<b>220.65</b>
+ Fuel	610.00	145.00	88,450.00	0.00	0.00
<b>Takeoff Weight &amp; C.G.</b>	<b>2,832.71</b>	<b>139.50</b>	<b>395,173.75</b>	<b>0.08</b>	<b>220.65</b>

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Description	HORIZONTAL			LATERAL		In	Re
	Weight	Arm	MOMENT	ARM	Moment		
<b>Aircraft Values</b> 09/19/19	<b>1,868.01</b>	<b>144.68</b>	<b>270,263.50</b>	<b>0.00</b>	<b>2.35</b>		
King KY 196 Com X 2	(6.40)	75.40	(482.56)	(2.50)	16.00		X
PMA 6000 Audio Panel	(1.50)	76.30	(114.45)	(2.50)	3.75		X
CD Shuttle & Mounts	(6.78)	115.00	(779.70)	(21.75)	147.47		X
Voltage Converter LT-71A	(1.30)	101.00	(131.30)	0.00	0.00		X
GA35 GPS-W Antenna	(0.47)	188.00	(88.36)	(5.00)	2.35		X
GTX 335 Transponder	(2.90)	79.00	(229.10)	(2.50)	7.25		X
AA34-300 Audio Interface	(0.40)	70.50	(28.20)	0.00	0.00		X
AV-22 Xponder Antenna	(0.10)	49.00	(4.90)	0.00	0.00		X
Alpine Stereo/CD	(3.02)	84.00	(253.68)	(2.50)	7.55		X
CL 405-B GPS Antenna	(0.30)	259.70	(77.91)	(4.75)	1.43		X
CL 105 Xponder Antenna	0.20	51.00	10.20		0.00		X
GA 35 GPS Antenna	0.47	260.84	122.59	(4.75)	(2.23)		X
GA-35 GPS Antenna	0.47	224.34	105.44	(4.75)	(2.23)		X
GAE-12 Encoder	0.10	71.30	7.13	(2.50)	(0.25)		X
GDL 50R ADSB Receiver	0.81	118.50	95.99	(17.25)	(13.97)		X
GMA 35C Audio Panel	2.10	75.30	158.13	(2.50)	(5.25)		X
GTN 750 GPS/COM/MAP	9.30	77.30	718.89	(2.50)	(23.25)		X
GTX 345 Xponder	3.12	80.80	252.10	(2.50)	(7.80)		X
KY 196A King COM	2.80	79.80	223.44	(2.50)	(7.00)		X
<b>New Aircraft Values</b>	<b>1,864.21</b>	<b>144.71</b>	<b>269,767.25</b>	<b>0.07</b>	<b>126.15</b>		

FSPR743W