

Weight & Balance Change

Sweet Aviation, LLC	Make	Cirrus
902 W. Ludwig Rd.	Model	SR20
Fort Wayne, IN 46825	S/N	1446
(260) 267-5505	Reg. #	N446CD
	W/O	1786

EQUIPMENT CHANGE - WEIGHT & BALANCE

Items: (Description / P/N / S/N)	Weight Pounds	Arm Inches	Moments Inch/Pounds
Previous Aircraft Empty Weight:	2144	141	302304
Nose Gear Leg removed P/N: 11907-004 S/N: 1161	-14.8	83	-1228.4
Nose Gear Leg installed P/N: 11907-008 S/N: 20-4840	16.9	83	1402.7
Skytec Starter removed S/N: 4C3-111455		85	0
HET Starter installed P/N: 646275-1R, S/N: H-R110070		85	0
			0
			0
			0
			0
			0
			0
			0
			0
			0
			0
			0
			0
			0
			0
			0
			0
			0
Totals	2146.1		302478.3

**** NOTE**** Weight and balance was never updated on 05/15/2014 when Skytec starter was installed. The new Hartzell Engine Technologies Starter weight is the same as the original starter motor weight.

Skytec starter motor weighed 6.5 lbs.
New HET starter motor weighs 15.0 lbs.

A. Old Empty Weight	2144	Pounds
B. Old Empty CG	141	Inches
C. Old Empty Weight CG Moment	302304	Inch/Pounds
D. Max Gross Weight	3000	Pounds
E. Old Useful Load	856	Pounds

A. New Empty Weight	2146.1	Pounds
B. New Empty CG	140.9432	Inches
C. New Empty Weight CG Moment	302478.3	Inch/Pounds
D. Max Gross Weight	3000	Pounds
E. New Useful Load	853.9	Pounds

This new weight & balance information supersedes all previous weight and balance data.
For aircraft loading, see instructions in Weight & Balance Section of Aircraft Flight Manual.

FAA Form 337 Completed? N

Equipment List Amended? N

Darrin D. Schwartz	11/28/2018	3619852	A&P IA
Authorized Signature	Date	Cert#	Title
Notes:			

Darrin Schwartz