

# Weight / Balance & Equipment List Revision

## NexAir Avionics LLC - N4OR087B

246 SOUTH MEADOW ROAD, GATE 6, HANGAR SW-1  
PLYMOUTH, MA 02360 Tel: 508-339-7077

**A/C Tail # :** N90MG  
**Register Name :** CAVU Group LLC N90MG  
**Name 2 :** C/O GARFINKLE  
**Address 1 :** 39 SARITA RD  
**Address 2 :**  
**City, State, PC :** VINEYARD HAVEN, MA 02568

**A/C Make :** CIRRUS  
**A/C Model :** SR22  
**A/C Serial # :** 2380  
**WO Ref # :** 5608  
**WB Date :** Apr-08-2019  
**WB ID # :** 384

Previous data taken from document dated Dec-12-2016 Previous useful load = 890.66

Model # Serial #	Description Part #	( LB / IN )	Weight	CG/Arm	Moment
	Previous data ->		2509.34	138.95	348664.92
<b>REMOVED ITEMS -----</b>					
ENCODERS 105148	ENCODER, A-30 A-30		-0.40	121.50	-48.60
GARMIN 83727003	TRANSPONDER, GTX327 011-00490-00		-2.90	124.90	-362.21
L3 84523	PROCESSOR, TRAFFIC SKYWATCH 497 NS 805-10800-001		-8.94	140.00	-1251.60
REMOVED SUB TOTAL	3 Items @		-12.24	135.82	-1662.41
<b>INSTALLED ITEMS -----</b>					
	SPLITTER LDCBS1X2-B		0.25	112.40	28.10
ANTENNA 89824	ANTENNA, DME/TXPD, BLADE, COMANT CI 105		0.20	234.00	46.80
NGT-9000 LXE12868	LYNX MSS 9029000-20000		2.96	124.90	369.70
INSTALLED SUB TOTAL	3 Items @		3.41	130.38	444.60
NEW DATA >>	NEW USEFUL LOAD = 899.49		2500.51	138.95	347447.11



**Authorized Individual :** N4OR087B COLLIN MORIARTY



228 Aviation Avenue  
 Burlington Int'l Airport  
 South Burlington, VT 05403  
 FAA CRS # IGXR989E

**Aircraft Weight and Balance and Equipment List Revision**

<b>REG. NO.</b> N90MG	<b>MODEL</b> Cirrus SR22	<b>SERIAL NO.</b> 1696
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<b>Previous Aircraft Weight and Balance Data:</b>	<b>Weight</b>	<b>Arm</b>	<b>Moments</b>
	2507.22	138.90	348264.36

SB2X-95-18R3 (Rev date September 8, 2015) Rocket and Shelf Assembly	1.34	231.40	310.08
Electrical Wiring Modifications	0.78	116.00	90.48
<b>Totals</b>	2509.34	138.95	348664.92

*Superseded 4-8-2019*

A. New Empty Weight	2509.34
B. New Empty CG	138.95
C. New Empty Weight CG Moment	348664.92
D. Max Gross Weight	3400.00
E. New Useful Load	890.66

This weight and balance information supersedes previous Weight and Balance dated April 12, 2016.  
 For aircraft loading, see instructions in Weight and Balance Section of Aircraft Flight Manual.

Supervisor: Charles Thibault *[Signature]* Date: 12/12/16 WO# SH19233

AIRCRAFT WEIGHT AND BALANCE REPORT

Cirrus - N90MG - SR 22 - s/n 2380

The data (below) from the previous Weight and Balance Report by NexAir Avionics LLC dated May 27, 2015 is now superseded:

Empty Weight 2505.72  
 Arm 138.93  
 Moment 348120.36

Removed original type battery as listed on page 3 ATA section 24 of the Equipment List provided by Cirrus Design Corporation:

Weight -28.0  
 Arm 96.0  
 Moment -4536

Installed new Concord RG24-15M battery per STC 12/12/16  
 +29.5  
 96.0  
 +4956

*[Red stamp: APPROVED]*  
*[Red stamp: DATE]*  
*[Red stamp: SIGNATURE]*  
*[Red stamp: HOLDING AIRMAN CERTIFICATE]*

Revised Empty Weight and Moment:

Empty Weight 2507.22 lbs  
 Moment 348264.36

*E.A. Stanley*

E.A. Stanley - A&P 3208560  
 April 12, 2016

# Weight / Balance & Equipment List Revision

**NexAir Avionics LLC - N4OR087B**

265 Fruit Street

Mansfield, MA 02048 Tel: 508-339-7077

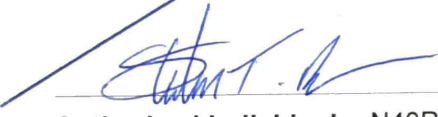
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**Register Name :** CAVU Group LLC N90MG  
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**Address 2 :**  
**City, State, PC :** VINEYARD HAVEN, MA 02568

**A/C Make :** CIRRUS  
**A/C Model :** SR22  
**A/C Serial # :** 2380  
**WO Ref # :** 2627  
**WB Date :** May-27-2015  
**WB ID # :** 16

*SUPERSEDED  
ON 4-12-2016*

Previous data taken from document dated Jul-13-2010 Previous useful load = 892.98

Model # Serial #	Description Part #	( LB / IN )	Weight	CG/Arm	Moment
	Previous data ->		2507.02	138.92	348272.46
<b>REMOVED ITEMS -----</b>					
BENDIX-KING 5876	EGPWS, KGP-560 965-1198-005		-1.30	117.00	-152.10
REMOVED SUB TOTAL	1 Item @		-1.30	117.00	-152.10
<b>NO ITEMS INSTALLED</b>					
NEW DATA >>	NEW USEFUL LOAD = 894.28		2505.72	138.93	348120.36



**Authorized Individual :** N4OR087B STEPHEN BONVINO



NEXAIR AVIONICS  
 Mansfield Airport (1B9), Mansfield MA 02048

**REVISED AIRCRAFT WEIGHT AND BALANCE REPORT  
 AND SUPPLEMENTAL EQUIPMENT LIST**

Aircraft Make and Model: Cirrus SR22  
 Aircraft Serial Number: 2380  
 Aircraft Registration Number: N90MG  
 Date of This Revision: July 13, 2010  
 Date of Previous Revision: September 26, 2008

		***** LONGITUDINAL *****		
QTY	DESCRIPTION	WEIGHT (lbs.)	ARM (in.)	MOMENT (lb./in.)
<b>ITEMS INSTALLED</b>				
1	Avidyne R9 IFD #1 - IFD5000i	17.80	114.79	2043.26
1	Avidyne R9 IFD #2 - IFD5000i	17.80	119.69	2130.48
1	Avidyne FMS Keyboard - ACD215	2.30	125.51	288.67
1	Avidyne Magneometer Assy - MAG300	0.53	132.70	70.33
1	Avidyne Configuration Module - ACM	0.20	108.79	21.76
1	Avidyne Weather Data Link - MLB700	1.60	114.00	182.40
1	Avidyne WX Antenna	0.25	195.25	48.81
1	Avidyne R9 Harness Assembly	15.50	119.00	1844.50
1	PS Engineering PM8000B-Avidyne Audio Panel	1.34	121.50	162.81
		<b>TOTAL ADDED -----</b>		
		<b>57.32</b>		<b>6793.03</b>
<b>ITEMS REMOVED</b>				
1	Avidyne Entegra PFD - EXP5000	12.00	115.50	1386.00
1	Avidyne Entegra MFD - EX5000	6.40	121.80	779.52
1	Garmin GMA340 Audio Panel	1.50	121.50	182.25
1	Garmin GNS430 GPS	5.00	121.00	605.00
1	Garmin GNS430 GPS	5.00	122.40	612.00
1	Heads Up Technologies WX Receiver	1.70	114.00	193.80
		<b>TOTAL REMOVED -----</b>		
		<b>31.60</b>		<b>3758.57</b>
		<b>TOTAL CHANGE -----</b>		
		<b>25.72</b>		<b>3034.46</b>

*Supervised by  
5/27/15*

OLD WEIGHT & BALANCE, DATED: September 26, 2008      2481.30      139.10      345238.00

NEW WEIGHT & BALANCE, DATED: July 13, 2010

BASIC EMPTY WEIGHT: 2507.02  
 LONGITUDINAL EWCG: 138.92  
 LONGITUDINAL MOMENT: 348272.46  
 GROSS WEIGHT: 3400.00  
 USEFULL LOAD: 892.98

DATE: July 13, 2010

PREPARED: David L. Fetherston A&P 3354619

**NOTE:**

It is the responsibility of the pilot in command to insure that the aircraft is properly loaded using the above Weight and Balance data and the owners manual loading charts.