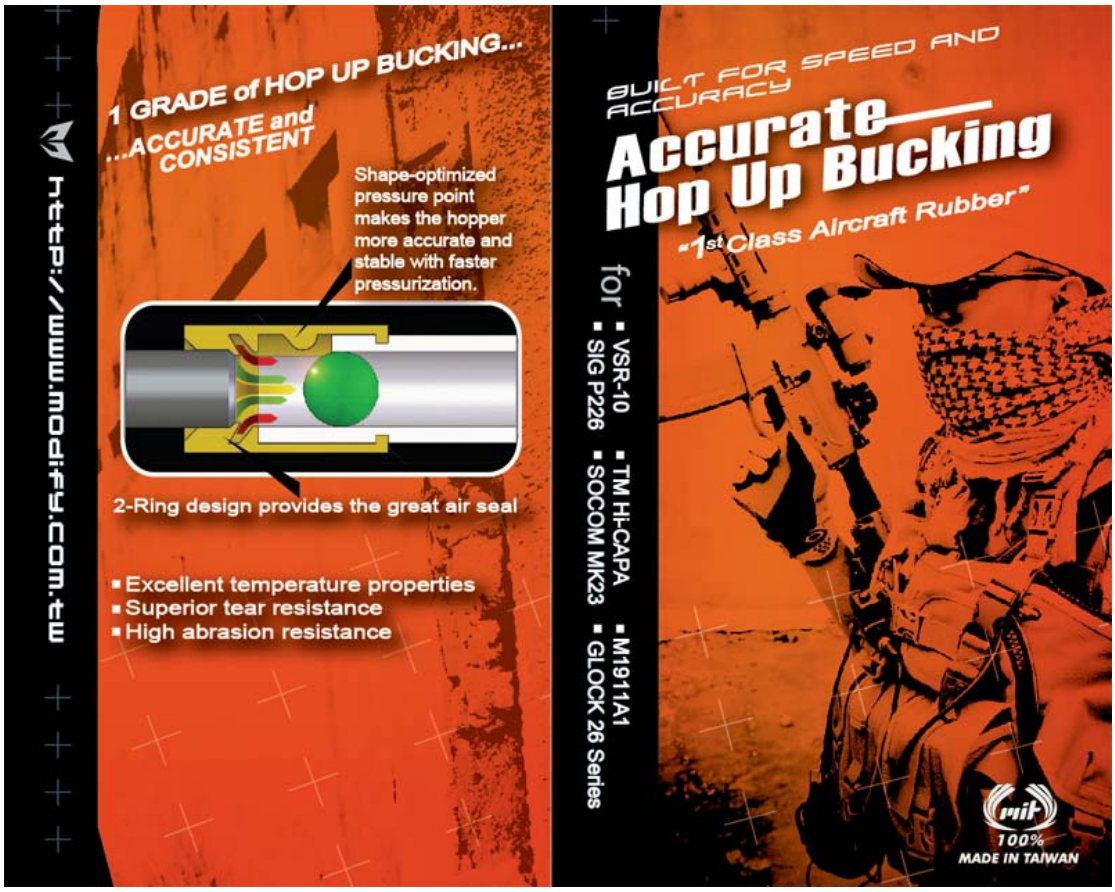
Material: aircraft rubber

1st Class Aircraft Rubber

1 GRADE of HOP UP BUCKING…ACCURATE

Features;

1) Excellent extreme temperature properties
2) Improved air seal
3) Excellent compression set
4) Superior tear resistance
5) High abrasion resistance



Date of test: 2011/08/23 Tested By: Maxi Chan

TEST REPORT - Modify

Accurate Hop Up Bucking

For VSR-10, TM Hi-CAPA, M1911A1, SIG P226, SOCOM MK23, GLOCK 26 Series

The MODIFY Accurate Hop Up Bucking was tested on a Tokyo Marui VSR-10 and a Tokyo Marui Hi-CAPA 4.3 using the following equipment and conditions:

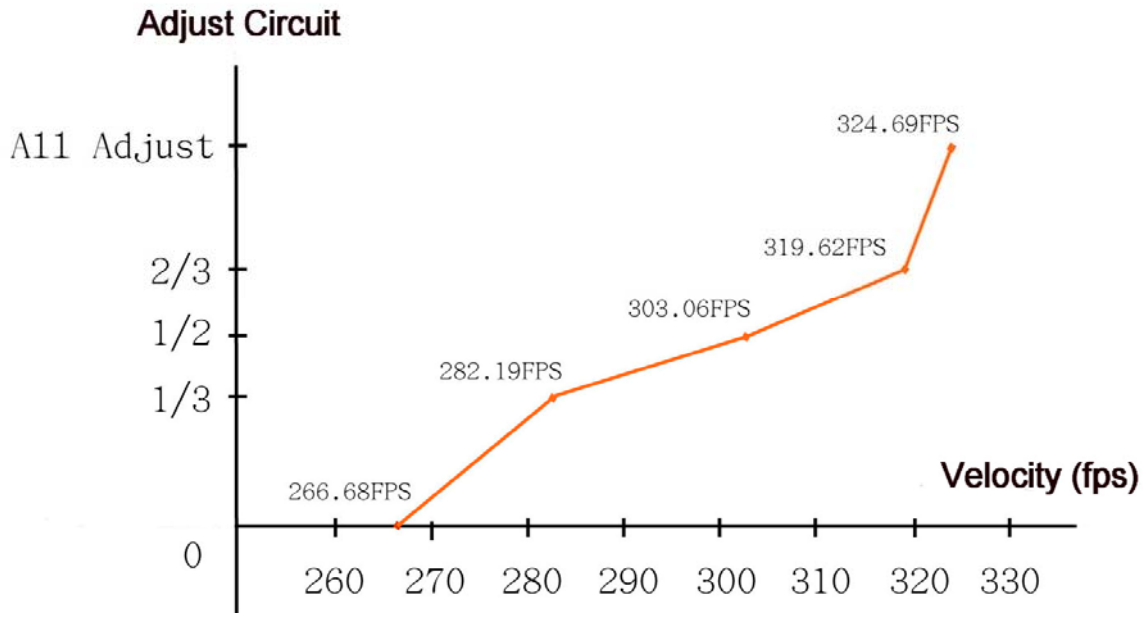
BB:	0.2g
Chronograph:	XCORTECH X3200 (serial: T0133)
Spring:	Marui stock spring (Under 1 Joule)
Average Temperature:	27℃
Measurement:	FPS/ Joule

Your results will vary from these published results. Different upgrades will provide different results. The data contained in this chart should only be used as a reference.

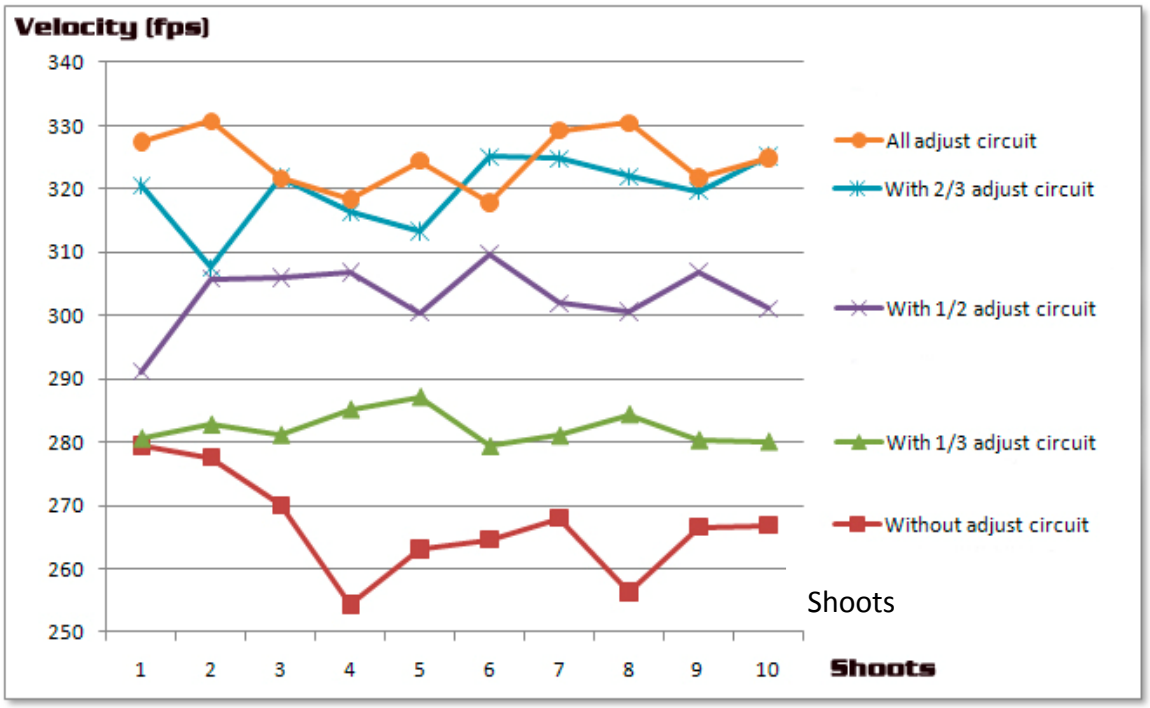
Feature Comparison1 (Marui VSR-10)

Shoots	Without adjust circuit	With 1/3 adjust circuit	With 1/2 adjust circuit	With 2/3 adjust circuit	All adjust circuit
1	279.476	280.624	291.09	320.59	327.477
2	277.605	282.757	305.822	307.63	330.692
3	270.026	281.149	305.953	321.77	321.702
4	254.343	285.119	306.806	316.29	318.421
5	263.103	287.088	300.408	313.37	324.458
6	264.58	279.377	309.726	325.05	317.863
7	267.992	281.05	301.983	324.75	329.183
8	256.345	284.364	300.671	321.97	330.43
9	266.548	280.329	306.97	319.64	321.833
10	266.844	280.099	301.13	325.18	324.885
Average Velocity (fps)	266.684	282.196	303.056	319.62	324.694
Average Joule	0.655	0.738	0.858	0.931	0.963

Date of test: 2011/08/23 Tested By: Maxi Chan



Data Chart - Tested on Marui VSR-10 1



Data Chart - Tested on Marui VSR-10 2

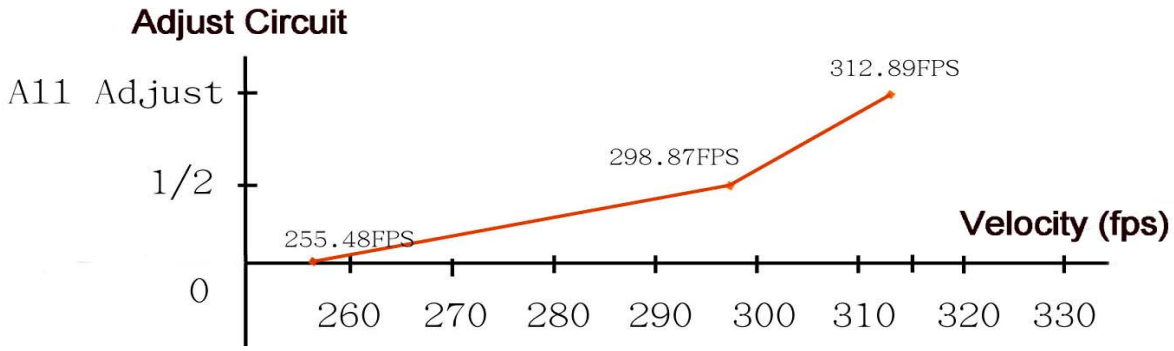
Conclusion:

The installation is smoothly. The Modify Hop Up Bucking has better air seal, very consistent shot and proper backspin on the BB during flight.

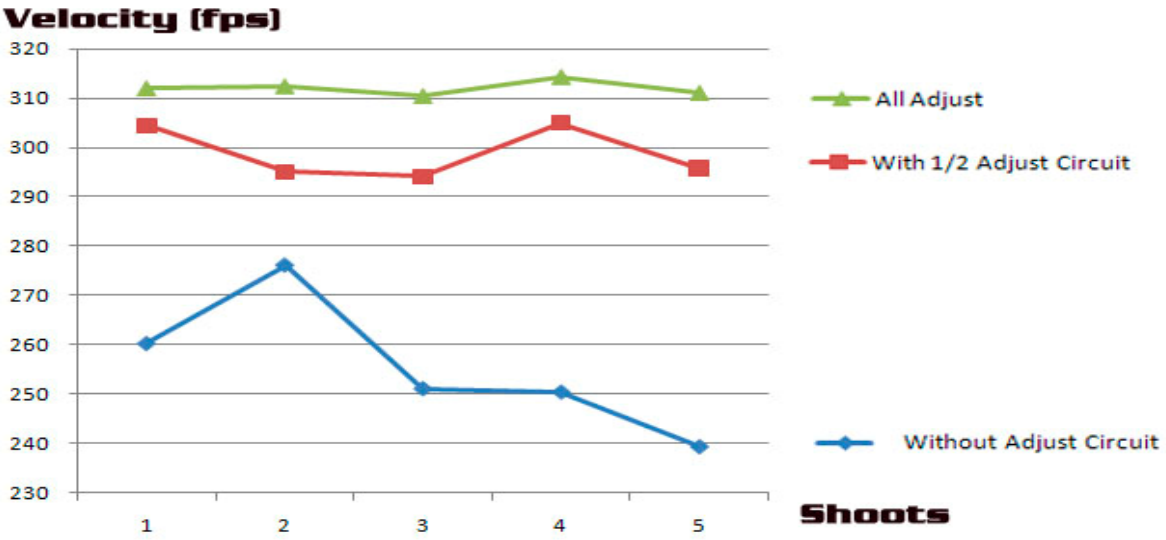
Here are the further data that were tested on Marui CAPA-4.3 .

Feature Comparison 2 (Marui Hi-CAPA 4.3)

Shoots	Without Adjust Circuit	With 1/2 Adjust Circuit	All Adjust
1	260.282	304.444	312.056
2	276.195	295.093	312.450
3	251.128	294.076	310.514
4	250.439	304.936	314.287
5	239.349	295.815	311.137
Average Velocity (fps)	255.478	298.873	312.089
Average Joule	0.602	0.828	0.898



Data Chart- Tested on Marui Hi-CAPA 4.3 1



Data Chart- Tested on Marui Hi-CAPA 4.3 2

Conclusion:

The Modify Hop Up Bucking has better air seal, very consistent shot and proper backspin on the BB during flight. The velocity (FPS) is relatively improved especially after the Hop Up system was adjusted.