

Model 710 chambered in .270 Win. W/Iron Sights
(8/21/01 S. Franz)

Overall Vertical POI w/Rear Sight all the way to the rear (lowest point)
(5 Guns, 3 Shooters, 30 3-Shot groups)

Variable	N	Mean	Median	TrMean	StDev	SEMean
Y-POS	15	-2.574	-2.436	-2.498	2.313	0.597

Variable	Min	Max	Q1	Q3
Y-POS	-7.030	0.894	-4.166	-0.234

Vertical POI Data by Gun
(3 Shooters, 6 3-Shot groups/gun)

Analysis of Variance on Y-POS					
Source	DF	SS	MS	F	p
Gun	4	44.18	11.05	3.60	0.046
Error	10	30.71	3.07		
Total	14	74.89			

				Individual 95% CIs For Mean Based on Pooled StDev	
Level	N	Mean	StDev		
5667	3	-2.742	2.394	-----+----- (-----*-----)	
6274	3	-4.362	0.640	-----+----- (-----*-----)	
6281	3	-1.238	1.553	-----+----- (-----*-----)	
6290	3	-0.081	0.908	-----+----- (-----*-----)	
6291	3	-4.445	2.445	-----+----- (-----*-----)	
Pooled StDev = 1.752				-5.0	-2.5 0.0

Vertical POI Data by Shooter
(5 guns, 10 3-Shot groups/shooter)

Analysis of Variance on Y-POS					
Source	DF	SS	MS	F	p
Shooter	2	15.67	7.84	1.59	0.244
Error	12	59.22	4.93		
Total	14	74.89			

				Individual 95% CIs For Mean Based on Pooled StDev	
Level	N	Mean	StDev		
1	5	-3.090	1.413	-----+----- (-----*-----)	
2	5	-1.146	1.819	-----+----- (-----*-----)	
3	5	-3.485	3.082	-----+----- (-----*-----)	
Pooled StDev = 2.221				-4.0	-2.0 0.0

Shooters: 1 = P. Reesor, 2 = S. Franz, 3 = B. Jarboe

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Ammo Weight Test

Gun 71026290
Shooter: P. Reesor
Range: 100 yds.

100 Grain Ammo (R270W1 100GR)
130 Grain Ammo (R270W2 130GR)
150 Grain Ammo (R270W4 150GR)

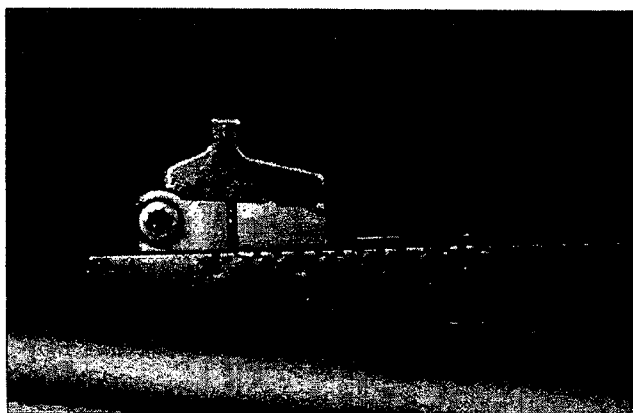
Avg. Y-Position of two 3-Shot Groups

-2.5 "
-1.7 "
0.5 "

Sight Adjustability Test

Guns 71026291, 71026290
Shooter: P. Reesor
Range: 100 yds.
Ammo: R270W2 130GR

<u>Gun</u>	<u>Rear Sight Position</u>	<u>Y-Position (3-Shot group)</u>
71026291	Lowest Position	-6.0
	1 st Large Notch	2.4
	2 nd Large Notch	10.8
71026290	Lowest Position	-1.1
	1 st Large Notch	5.8
	2 nd Large Notch	13.0



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