

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			

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			

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

ET28062

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)

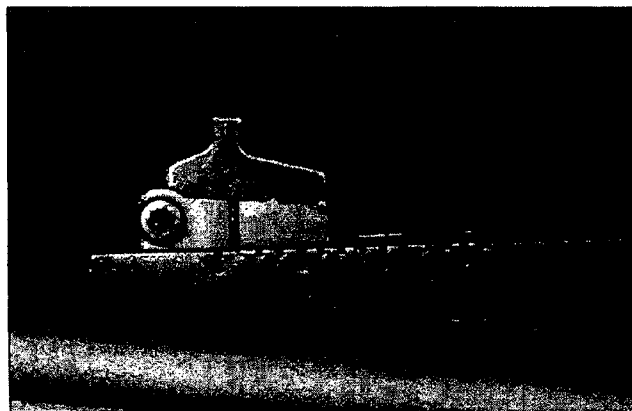
Avg. Y-Position of two 3-Shot Groups

-2.5 "
 -1.7 "
 0.5 "

Sight Adjustability Test

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

Gun	Rear Sight Position	Y-Position (3-Shot group)
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



ET28063