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Remington Arms Company Inc.
RESEARCH & DEVELOPMENT TECHNICAL CENTER
315 WEST RING ROAD
ELIZABETHTOWN, KY 42701

3.1.3.11 TLW0300AT - Perform bore sighting Using Bushnell Scope

(T&P, Series "B"), no specification established - measurements taken for information.

Prior to the start of live fire or accuracy testing a sample of the rifles was tested to determine if production had performed a bore sighting/adjustment after mounting the Bushnell Scopes. The scopes were not adjusted prior to testing. One 5-shot group was shot from each of the test rifles.

From the test data it would appear that the scopes were not adjusted prior to submission to trial & pilot testing. See Pattern Chart next page. The individual points represent the location of each rifle's POI (Point of Impact) relative to POA (Point of Aim), (with the POA located at (0,0))

The "Overall Average Position" on the chart represents the average POI relative to POA for the ten rifles tested.

MODEL 710 T&P POI RELATIVE TO POA BORE SIGHTING USING BUSHNELL SCOPE							TOTAL
GUN	SCOPE	AMMO	GROUP SIZE		POI RELATIVE TO POA	DISTANCE (in.)	
B-21	BUSHNELL	REM R30064 180GR	2.68	X	-2.49		
				Y	11.81	12.07	
B-22	BUSHNELL	REM R30064 180GR	2.37	X	-7.25		
				Y	9.47	11.93	
B-23	BUSHNELL	REM R30064 180GR	2.46	X	-8.52		
				Y	9.32	12.63	
B-24	BUSHNELL	REM R30064 180GR	3.52	X	-16.11		
				Y	15.15	22.12	
B-25	BUSHNELL	REM R30064 180GR	1.05	X	4.45		
				Y	-2.65	5.17	
B-26	BUSHNELL	REM R30064 180GR	1.54	X	1.72		
				Y	17.22	17.30	
B-27	BUSHNELL	REM R30064 180GR	2.34	X	-13.83		
				Y	9.50	16.78	
B-28	BUSHNELL	REM R30064 180GR	2.62	X	-4.47		
				Y	12.49	13.26	
B-29	BUSHNELL	REM R30064 180GR	1.89	X	3.50		
				Y	-2.28	4.17	
B-30	BUSHNELL	REM R30064 180GR	2.387	X	-9.279		
				Y	9.978	13.63	
AVERAGE						12.9	
STD. DEV.						5.4	

Jan. '01 Trial & Pilot Test - Remington M710 Centerfire Rifle;
R & D Technical Center Project No. 241039; TLW 0300
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Subject to Protective Order - Williams v. Remington

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