

C6348810

MODEL 700TM M24

Model **SMS**TM

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.

Remington

Remington		DU PONT REG. U.S. PAT. & TM. OFF.	VERY IMPORTANT: Instruction Book enclosed to assure safe use of this firearm.
MODEL 700™ H24		SERIAL NO. C6348810	
MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat & Tm. Off, Marca Registrada Marque Deposee.		ORDER NO. 5716	
 5716 C6348810			

UPC



0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6348810

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	6 12	89	RW
600	Proof	6 12	89	RW
607	Check Headspace	6 12	89	RW
610	Dis-assemble Gun			RW
612	Magnaflux Barrel Action		6/21/89	KCR
	Magnaflux Bolt		REJECTED 6/21/89	KCR
615	Rollmark Caliber		6/21/89	JSB
617	Drill and Tap Sight Holes	6 62	89	F.B.
618	Polish Barrel	6 66	89	BT.
620	Apply Coatings (Barrel Action)		7/12/89	TJA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		7/14/89	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		7/14/89	RW
	C) Inspect Ejector Hole for Chamfer		7/14/89	RW
	D) Oil Firing Pin Ass'y		7/14/89	RW
	E) Adjust Trigger Pull to Min Setting and Stake		17 July 89	JSB

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5	5	5			17 July 89	JS
	G) Safety Off Force	3	3	3			17 July 89	JS
	H) Trigger Pull Test & Retainability						17 July 89	JS
	I) Firing Pin Indent	.020	.0205	.0205			17 July 89	JS
	J) Assemble Stock						7/19/89	RW
	K) Assemble Swivel Studs						26 July 89	JS
	L) Attach Front and Rear Sight Assemblies						7/19/89	RW
	M) Iron Sight Alignment						7/19/89	RW
	N) Detach Front & Rear Sights & place in numbered container						7/19/89	RW
	O) Attach Scope to Rifle						7/19/89	JS
	P) Detach & Attach Scope 20 Times						7/21/89	JS
640	Gallery Target & Test	50	d	100L			7-25-89	D/H
	A) Time						7-25-89	D/H
	B) Malfunctions						7-25-89	D/H
	C) Pierced Primers						7-25-89	D/H
	D) Optical Clarity of Scope						7-25-89	D/H
645	Inspect for Live Ammo						7-25-89	D/H
655	Final Inspection							
	A) Headspace						26 July 89	JS
	B) Trigger Pull	2.09	2.32	2.36	2.35	2.33	26 July 89	JS
	C) Function						26 July 89	JS
660	Pack						9-20-89	JS

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# + .50#

3.00# + .75#

4.00# + 1.00#

SERIAL NO. C6348810

DATE 7/20/90

TESTER JS

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.30	2.19	2.32		MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.47	2.12	2.15		
PULL #3	2.43	2.15	2.19		
PULL #4	2.53	2.16	2.15		
PULL #5	2.65	2.18	2.20		
TOTAL	12.38	10.80	11.01		
AVG.	2.476	2.16	2.202		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	309	309		
PULL #2	300	307		
PULL #3	305	309		
PULL #4	300	311		
PULL #5	306	309		
TOTAL	1520	1543		
AVG.	304	3086		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	402	393		
PULL #2	396	386		
PULL #3	385	394		
PULL #4	397	397		
PULL #5	386	396		
TOTAL	1966	1966		
AVG.	3932	3932		

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06348810
25 Jul 1989

CENTROIDAL DISTANCES

0	TO	1	.77376
1	TO	2	.776379
1	TO	3	.428286
1	TO	4	.382655
1	TO	5	.329597

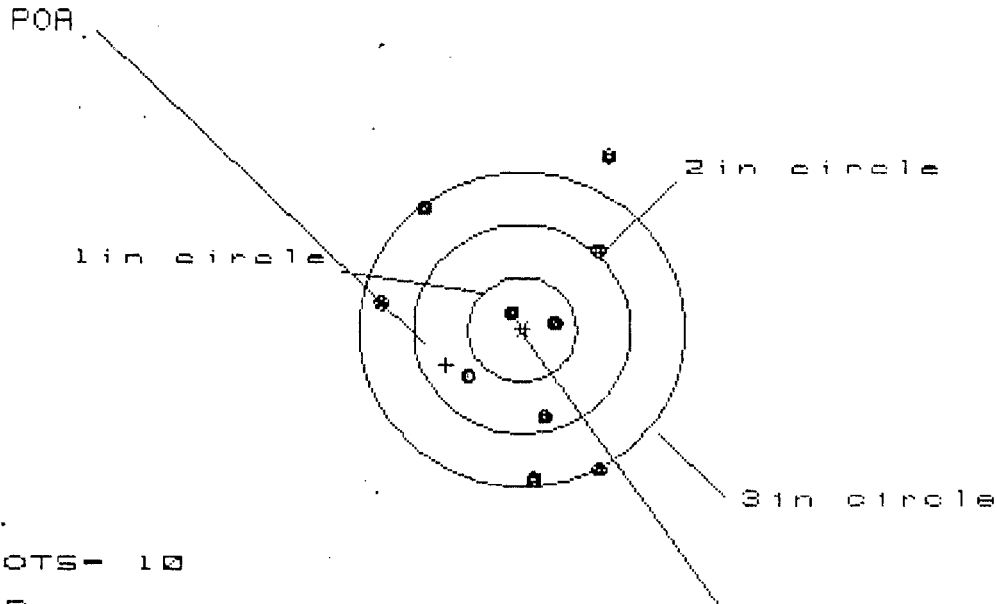
$+3\frac{1}{2}$ <----POA
2

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .5774
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0494
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .579509
THE AMP FOR THIS RIFLE IS: 1.071

25 Jul 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C6348810

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1 in = 2

2 in = 4

3 in = 9

HS= 2.023

VS= 3.064

GS= 3.133

CENTROID #

PATTERN #	:	1	2	3
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.772	.771	.796
MINIMUM X	:	-1.251	-1.165	-1.140
MAXIMUM Y	:	1.616	1.317	1.159
MINIMUM Y	:	-1.448	-1.269	-1.266
CENTROID X	:	.697	.611	.586
CENTROID Y	:	.336	.157	.315
POA TO CENTROID in.	:	.774	.631	.666
MIN RADIUS	:	.190	.339	.180
MEAN RADIUS	:	1.040	.951	.895
MAX RADIUS	:	1.791	1.537	1.483
HORIZONTAL SPREAD	:	2.023	1.936	1.936
VERTICAL SPREAD	:	3.064	2.586	2.425
EXTREME SPREAD	:	3.133	2.872	2.872
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		9	

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CENTERFIRE PATTERNS # 2

POA

1 in circle

2 in circle

3 in circle

OF SHOTS - 10

IN CIR

1 in = 1

2 in = 3

3 in = 8

HS = 2.455

VS = 3.010

GS = 3.047

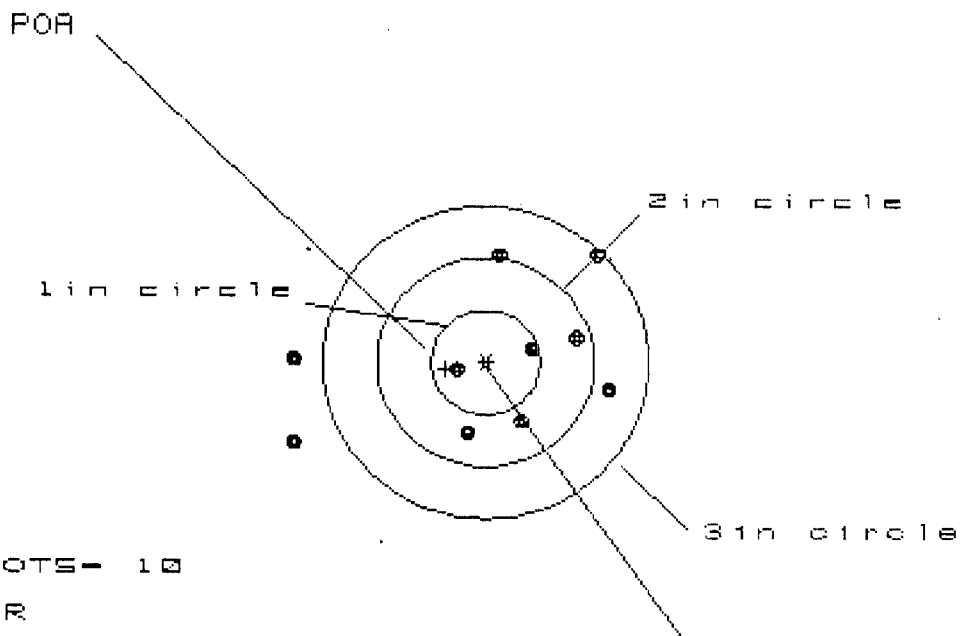
CENTROID #

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.152	1.113	.945
MINIMUM X	:	-1.303	-1.342	-1.128
MAXIMUM Y	:	1.415	1.237	1.295
MINIMUM Y	:	-1.595	-1.180	-1.122
CENTROID X	:	.326	.365	.533
CENTROID Y	:	-.346	-.168	-.227
POA TO CENTROID in.	:	.475	.402	.579
MIN RADIUS	:	.393	.568	.533
MEAN RADIUS	:	1.103	1.043	.973
MAX RADIUS	:	1.633	1.420	1.298
HORIZONTAL SPREAD	:	2.455	2.455	2.073
VERTICAL SPREAD	:	3.010	2.417	2.417
EXTREME SPREAD	:	3.047	2.588	2.423
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		3	
NUMBER IN THREE INCH CIRCLE	=		9	

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CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1 in - 2

2 in - 5

3 in - 8

HS- 2.950

VS= 1.802

GS= 3.351

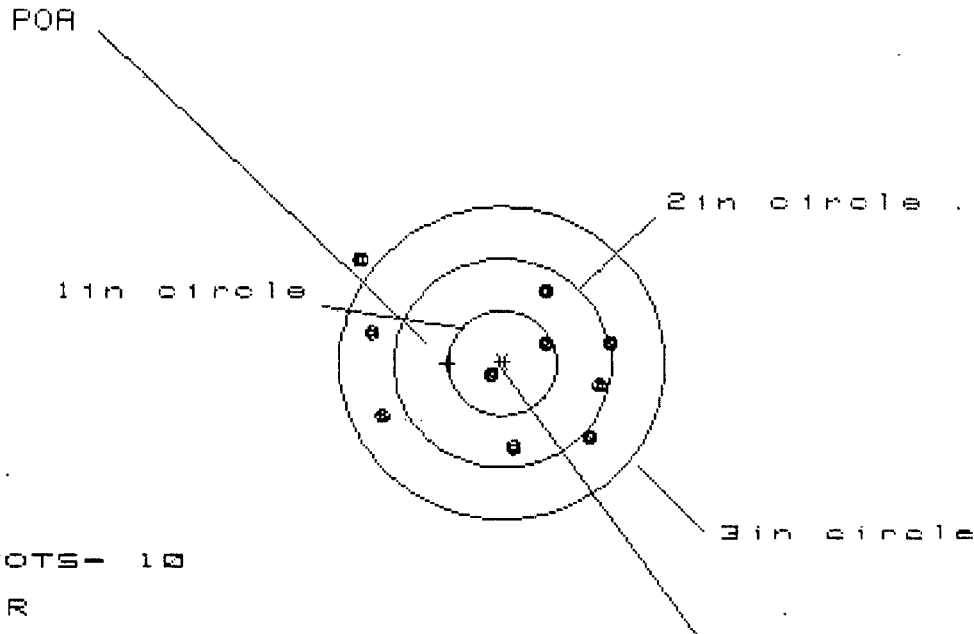
CENTROID *

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.178	.981	.736
MINIMUM X	:	-1.772	-1.962	-.747
MAXIMUM Y	:	.998	.909	.901
MINIMUM Y	:	-.804	-.776	-.784
CENTROID X	:	.367	.564	.809
CENTROID Y	:	.063	.152	.160
POA TO CENTROID in.	:	.372	.584	.825
MIN RADIUS	:	.309	.224	.053
MEAN RADIUS	:	1.044	.908	.729
MAX RADIUS	:	1.946	1.963	1.088
HORIZONTAL SPREAD	:	2.950	2.943	1.483
VERTICAL SPREAD	:	1.802	1.685	1.685
EXTREME SPREAD	:	3.351	2.982	2.090
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		8	

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CENTERFIRE PATTERNS # 4



OF SHOTS- 10

IN CIR

1in = 2

2in = 5

3in = 9

HS= 2.354

VS= 1.775

GS= 2.791

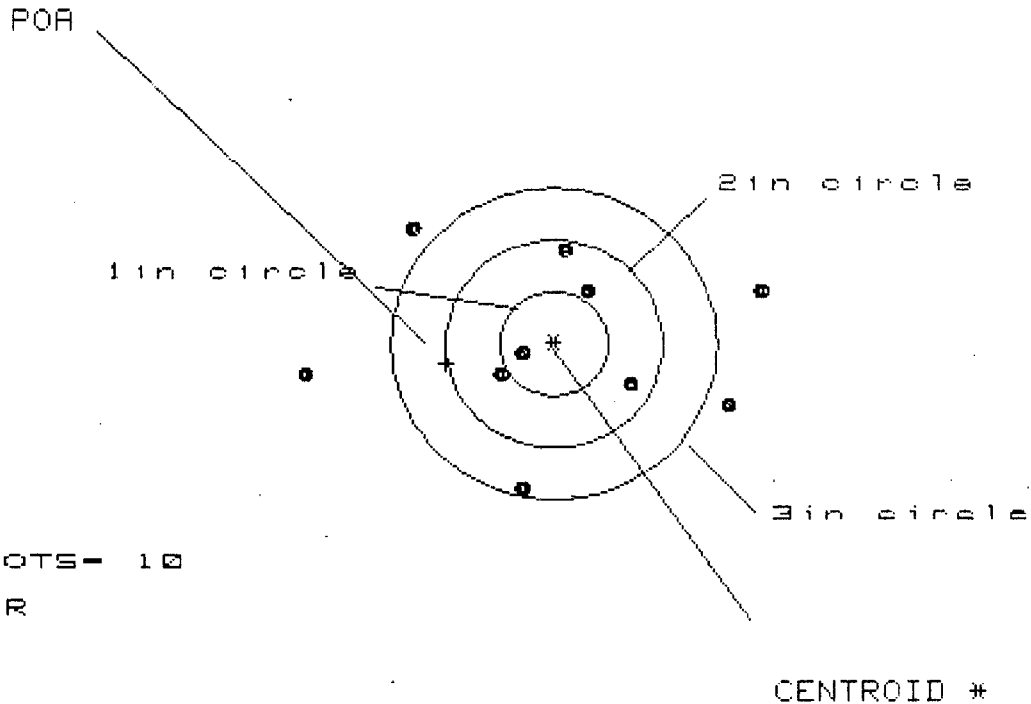
CENTROID *

PATTERN #	4	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.004	.854	.700
MINIMUM X	-1.350	-1.316	-1.470
MAXIMUM Y	.988	.838	.784
MINIMUM Y	-.787	-.678	-.732
CENTROID X	.505	.655	.809
CENTROID Y	.005	-.104	-.050
POA TO CENTROID in.	.505	.663	.810
MIN RADIUS	.099	.223	.301
MEAN RADIUS	.932	.826	.739
MAX RADIUS	1.673	1.367	1.503
HORIZONTAL SPREAD	2.354	2.170	2.170
VERTICAL SPREAD	1.775	1.516	1.516
EXTREME SPREAD	2.791	2.244	2.244
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	9		

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CENTERFIRE PATTERNS # 5



OF SHOTS - 10

IN CIR

1 in = 1

2 in = 5

3 in = 6

HS = 4.243

VS = 2.549

GS = 4.317

PATTERN #	15	15	15
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.927	1.670	1.516
MINIMUM X	-2.316	-1.514	-1.306
MAXIMUM Y	1.145	1.111	1.169
MINIMUM Y	-1.404	-1.438	-1.380
CENTROID X	.992	1.249	1.041
CENTROID Y	.189	.223	.165
POA TO CENTROID in.	1.010	1.269	1.054
MIN RADIUS	.259	.502	.300
MEAN RADIUS	1.234	1.110	1.005
MAX RADIUS	2.336	1.878	1.753
HORIZONTAL SPREAD	4.243	3.184	2.822
VERTICAL SPREAD	2.549	2.549	2.549
EXTREME SPREAD	4.317	3.337	3.337
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	6		

MAINTENANCE REQUEST										PAGE NO.	NO. OF PAGES	REQUIREMENT CONTROL SYMBOL	CONTROL NUMBER												
For use of this form, see PAM 738-750; the proponent agency is DCSLOG																									
SECTION I - CUSTOMER DATA										SECTION II - MAINTENANCE ACTIVITY DATA															
1a. UIC CUSTOMER		1b. CUSTOMER UNIT NAME			1c. PHONE NO.		3a. WORK ORDER NUMBER (WON)			3b. SHOP		3c. PHONE NO.													
2a. IF INTRANSIT CUSTOMER, ENTER DATA IN BLOCKS 2b. AND 2c.		2b. SAMS-2 UIC			2c. UTILIZATION CODE		4a. UIC SUPPORT			4b. SUPPORT UNIT NAME															
SECTION III - EQUIPMENT DATA																									
5. TYPE MNT REQ CODE		6. ID		7. NSN		15. FAILURE DETECTED DURING (Select one - use $\checkmark$ or X)																			
8. MODEL		9. NOUN		10a. ORG WON		10b. EIC		15a. Scheduled Maintenance		15b. Test		15c. Storage		15d. Flight		15e. Calibration									
11. SERIAL NUMBER		12. QTY		13. PD		16a. LANDINGS		16b. AUTO ROTATIONS		17. PROJECT CODE (if assigned)		18. ACCOUNT PROCESSING CODE		19. IN WARRANTY? (enter Y or N)		20. LEVEL OF WORK (Select one - use $\checkmark$ or X)									
14. MALFUNCTION DESCRIPTION (for DSU/GSU use)		21. BUMPER NO./TAIL NO.		22. REIMBURSABLE CUSTOMER? (if Intransit Customer, enter Y or N)		23. PD AUTHENTICATING SIGNATURE (Payroll Signature)		24. DESCRIBE DEFICIENCIES OR SYMPTOMS ON THE BASIS OF COMPLETE CHECKOUT AND DIAGNOSTIC PROCEDURE IN EQUIPMENT TM (Do not prescribe repairs)		25a. STA		25b. ORD DATE		25c. MIL TIME		25d. ORD DATE		25e. MIL TIME		26. TECHNICAL REFERENCES					
24a. REMARKS		27a. FILE IN/UT ACT CD		27b. TASK NO.		27c. ACT RQD		27d. TASK DESCRIPTION		27e. QTY TO BE RPR		27f. WORK CENTER		27g. FAILURE CODE		27h. M/RM/PROJ		27i. QTY ISSUED		27j. FAILURE CS		27k. STORAGE LOCATION		27l. NM/INITIALS	
SECTION IV - REPORTABLE DATA																									
SECTION V - TASK REQUIREMENTS DATA																									
SECTION VI - PART REQUIREMENTS																									
SECTION VII - COMPLETION DATA																									
SECTION VIII - ACTION SIGNATURES																									