

C6611609

MODEL 700™ M24

Model **S4S**™

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.

Remington

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6611609

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		3/26/91	K.S.
600	Proof		3/26/91	K.S.
607	Check Headspace		3/26/91	K.S.
610	Dis-assemble Gun		3/26/91	K.S.
612	Magnaflux Barrel Action	APR	2 1991	KR
	Magnaflux Bolt	APR	2 1991	11
615	Rollmark Caliber	APR	2 1991	JS
617	Drill and Tap Sight Holes	APR	5 1991	FB
618	Polish Barrel	APR	5 1991	WB
620	Apply Coatings (Barrel Action)		4-10-91	TH
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		4/10/91	KS
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		4/10/91	KS
	C) Inspect Ejector Hole for Chamfer		4/10/91	KS
	D) Oil Firing Pin Ass'y		4/10/91	KS
	E) Adjust Trigger Pull to Min Setting and Stake		4/15/91	JS

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	6	6	6			4/15/91	JH
	G) Safety Off Force	4	4	4			4/15/91	JH
	H) Trigger Pull Test & Retainability						4/15/91	JH
	I) Firing Pin Indent	.023	.023	.023			4/15/91	JH
	J) Assemble Stock						4/17/91	KS
	K) Assemble Swivel Studs						4-22-91	DH
	L) Attach Front and Rear Sight Assemblies						4/17/91	KS
	M) Iron Sight Alignment						4/17/91	KS
	N) Detach Front & Rear Sights & place in numbered container						4/17/91	KS
	O) Attach Scope to Rifle						4/17/91	KS
	P) Detach & Attach Scope 20 Times						4/17/91	KS
640	Gallery Target & Test						4-18-91	AC
	A) Time						4-18-91	AC
	B) Malfunctions						4-18-91	AC
	C) Pierced Primers						4-18-91	AC
	D) Optical Clarity of Scope						4-18-91	AC
645	Inspect for Live Ammo						4-18-91	AC
655	Final Inspection							
	A) Headspace						4-22-91	DH
	B) Trigger Pull	2.15	2.18	2.19	2.15	2.16	4/22/91	JH
	C) Function						4-22-91	DH
660	Pack						6-18-91	N

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS
2.50# + .50#
3.00# + .75#
4.00# + 1.00#

SERIAL NO C-6611609
DATE 4/15/91
TESTER JLL

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.29	2.28	2.31	2.15	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.27	2.24	2.23	2.18	
PULL #3	2.14	2.22	2.26	2.19	
PULL #4	2.22	2.23	2.22	2.15	
PULL #5	2.17	2.21	2.22	2.16	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.52	3.27		
PULL #2	3.49	3.37		
PULL #3	3.41	3.20		
PULL #4	3.21	3.36		
PULL #5	3.45	3.39		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.34	4.39		4.41
PULL #2	4.36	4.38		4.42
PULL #3	4.39	4.38		4.15
PULL #4	4.40	4.40		4.20
PULL #5	4.37	4.42		4.40
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6611609
18 Apr 1991

CENTROIDAL DISTANCES

0 TO	1	.208387
1 TO	2	.172795
1 TO	3	.522483
1 TO	4	.202181
1 TO	5	.0526972

*³ <----POB

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .1368
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.1196
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .18171
THE AMR FOR THIS RIFLE IS: .9628

18 Apr 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6611603

CENTERFIRE PATTERNS

1

POA

1 in circle

2 in circle

3 in circle

CENTROID *

OF SHOTS- 10

IN CIR

1 in = 1

2 in = 6

3 in = 9

HS= 1.578

VS= 3.014

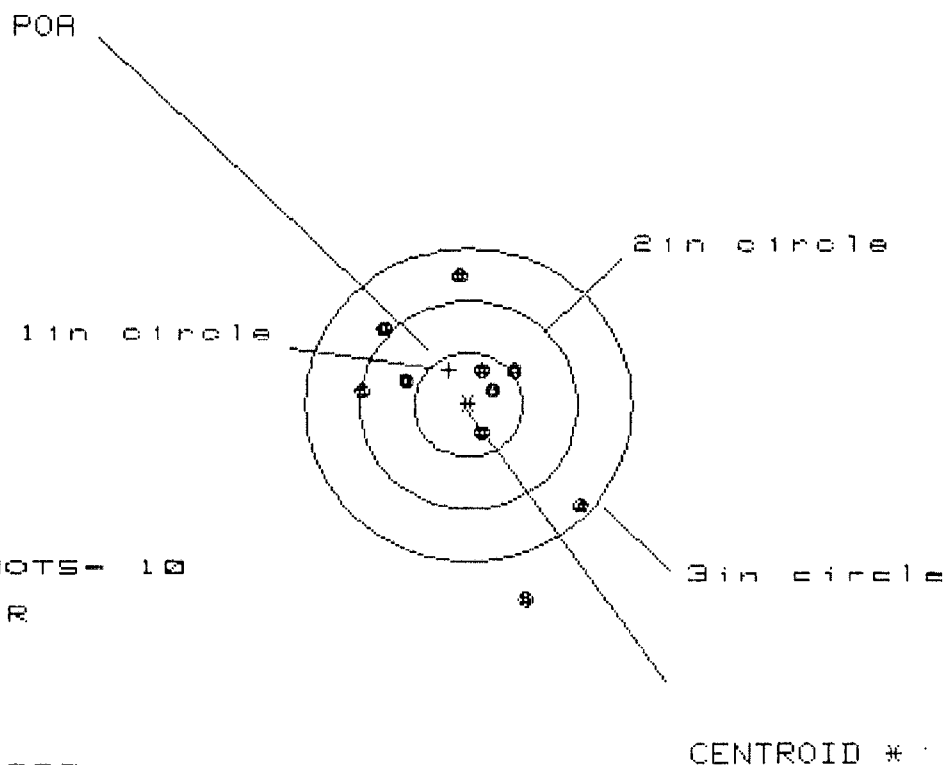
GS= 3.171

PATTERN #	:	1	2	3
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.904	.939	.859
MINIMUM X	:	-.674	-.639	-.562
MAXIMUM Y	:	1.337	1.151	1.148
MINIMUM Y	:	-1.677	-1.081	-.937
CENTROID X	:	.081	.046	.126
CENTROID Y	:	-.192	-.006	-.150
POA TO CENTROID in.	:	.208	.047	.196
MIN RADIUS	:	.320	.427	.380
MEAN RADIUS	:	.948	.850	.788
MAX RADIUS	:	1.706	1.316	1.238
HORIZONTAL SPREAD	:	1.578	1.578	1.421
VERTICAL SPREAD	:	3.014	2.232	2.085
EXTREME SPREAD	:	3.171	2.513	2.162
NUMBER IN ONE INCH CIRCLE =		1		
NUMBER IN TWO INCH CIRCLE =		6		
NUMBER IN THREE INCH CIRCLE =		9		

18 Apr 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6611689

CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1in = 3

2in = 6

3in = 9

HS= 1.955

VS= 3.098

GS= 3.164

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.988	1.051	.657
MINIMUM X	:	-.967	-.904	-.773
MAXIMUM Y	:	1.224	1.016	.864
MINIMUM Y	:	-1.874	-1.219	-.580
CENTROID X	:	.178	.115	-.016
CENTROID Y	:	-.335	-.127	.025
POA TO CENTROID in.	:	.379	.171	.030
MIN RADIUS	:	.206	.182	.300
MEAN RADIUS	:	.860	.710	.605
MAX RADIUS	:	1.957	1.610	.871
HORIZONTAL SPREAD	:	1.955	1.955	1.430
VERTICAL SPREAD	:	3.098	2.235	1.444
EXTREME SPREAD	:	3.164	2.484	1.453
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		9	

18 Apr 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6611689

CENTERFIRE PATTERNS

3

POA

1in circle

2in circle

3in circle

OF SHOTS- 10

IN CIR

1in = 2

2in = 4

3in = 10

IS= 2.546

VS= 2.264

GS= 2.829

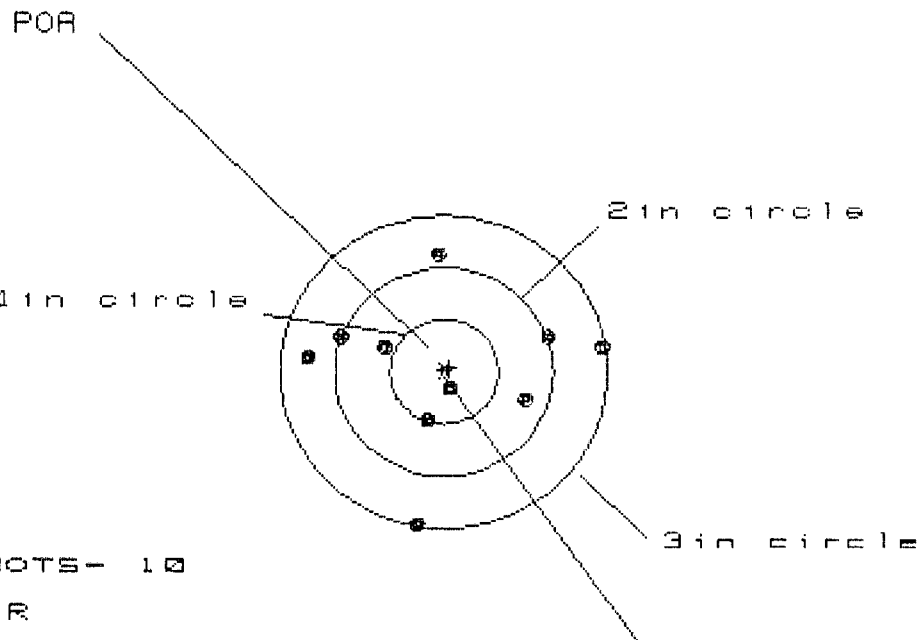
CENTROID *

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.365	1.267	1.419
MINIMUM X	:	-1.180	-1.279	-1.127
MAXIMUM Y	:	1.247	1.378	1.319
MINIMUM Y	:	-1.017	-.886	-.945
CENTROID X	:	.423	.522	.369
CENTROID Y	:	.203	.072	.131
POA TO CENTROID in.	:	.470	.527	.392
MIN RADIUS	:	.120	.229	.066
MEAN RADIUS	:	.984	.928	.839
MAX RADIUS	:	1.474	1.451	1.452
HORIZONTAL SPREAD	:	2.546	2.546	2.546
VERTICAL SPREAD	:	2.264	2.264	2.264
EXTREME SPREAD	:	2.829	2.605	2.546
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		10	

18 Apr 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6611609

CENTERFIRE PATTERNS # 4



OF SHOTS- 10

IN CIR

1in = 1

2in = 5

3in = 9

HS= 2.672

VS= 2.604

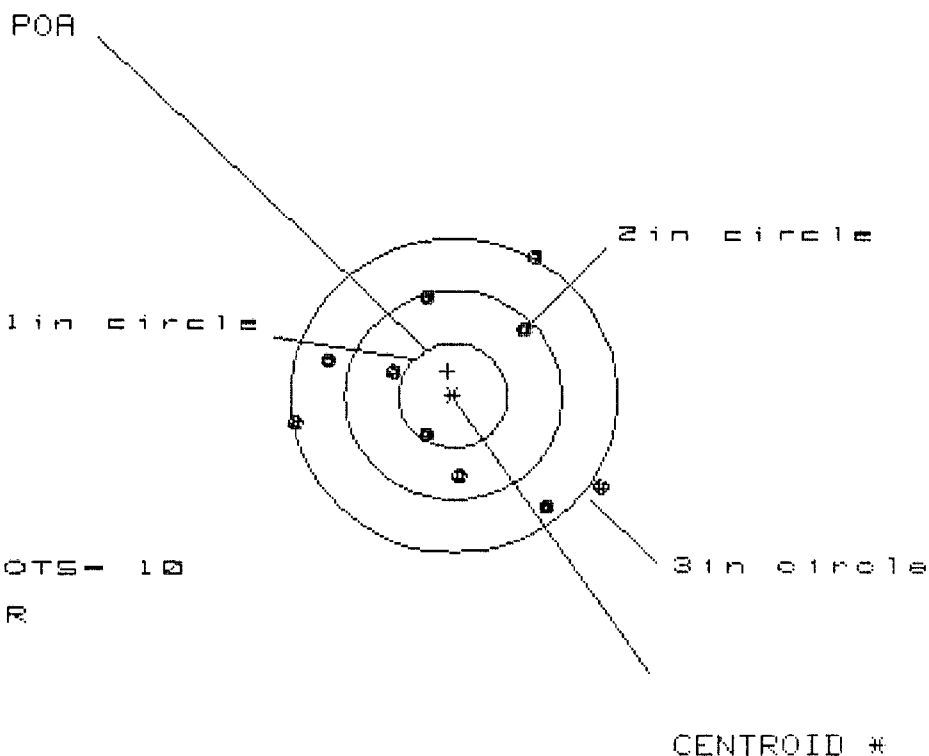
GS= 2.676

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.411	1.383	1.080
MINIMUM X	:	-1.261	-1.289	-1.116
MAXIMUM Y	:	1.100	.932	.943
MINIMUM Y	:	-1.504	-.653	-.642
CENTROID X	:	-.050	-.022	-.195
CENTROID Y	:	-.038	.130	.119
POA TO CENTROID in.	:	.062	.131	.229
MIN RADIUS	:	.168	.326	.375
MEAN RADIUS	:	.932	.875	.791
MAX RADIUS	:	1.525	1.386	1.117
HORIZONTAL SPREAD	:	2.672	2.672	2.196
VERTICAL SPREAD	:	2.604	1.585	1.585
EXTREME SPREAD	:	2.676	2.676	2.215
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		9	

18 Apr 1991

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CENTERFIRE PATTERNS # 5



OF SHOTS - 10

IN CIR

1 in = 1

2 in = 4

3 in = 0

IS = 2.756

VS = 2.388

GS = 2.822

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.337	.995	1.109
MINIMUM X	:	-1.419	-1.271	-1.157
MAXIMUM Y	:	1.304	1.203	1.014
MINIMUM Y	:	-1.084	-1.185	-1.035
CENTROID X	:	.052	-.096	-.210
CENTROID Y	:	-.236	-.135	-.285
POA TO CENTROID in.	:	.242	.166	.354
MIN RADIUS	:	.482	.388	.332
MEAN RADIUS	:	1.090	1.005	.917
MAX RADIUS	:	1.618	1.548	1.517
HORIZONTAL SPREAD	:	2.756	2.266	2.266
VERTICAL SPREAD	:	2.388	2.388	2.049
EXTREME SPREAD	:	2.822	2.704	2.419
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		8	




VERY IMPORTANT:
Instruction Book
enclosed to assure
safe use of this
firearm.

REG. U.S. PAT. & TM. OFF.

MODEL 700™ H24

MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat. & Tm. Off. Marca Registrada Marque Deposee.

SERIAL NO.

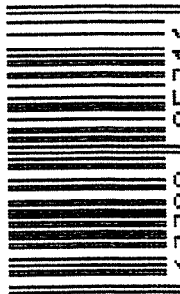
C6611609

ORDER NO.

5716

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5716 C6611609

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C-6611609

SCOPE

Bipods

Scope Base

FedEx USA Airbill

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DEPARTMENT OF THE ARMY
NTC MILITARY POLICE COMPANY
FORT IRWIN, CA 92310

AFZJ-GC-MP

7 December 1998

MEMORANDUM FOR RECORD

Subject: Shipment of Firearm

1. The U.S. Army's National Training Center Freight Branch Transportation Division is hereby shipping 1 each 7.62mm M24 Sniper Weapon System (serial number: C6611609) in one box at 57lbs. From this Army installation to the weapons manufacturer, Remington Arms Co. Inc., Ilion, New York, for barrel repairs.
2. The weapons firing pin has been removed and there is no ammunition in the box.
3. POC for this action is the undersigned, 4-3401.


JOSHUA T. THEMANN
SGT, MP
ARMS ROOM NCOIC