

C6611460

MODEL 700™ M24

Model **SAS**™

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.



Arms Services Repair & Estimate System

File Add Repair Estimate Repair Expedite Repair Inquiry Repair Tools CSP Tools Reports Table Maintenance System Maintenance Help

Repair Inquiry

Repair Number: **RE00092926** Serial: C6611460 Model: M24 SWS Center Fire Caliber: 7.62 NATO Produced: 06/19/1991

Repairman: Status: Closed 2/10/2005 1:13:49 PM

Address Information

Customer: ☒ Received From Return To: ☐ Received From

Name: DEF DIST DEPOT ANNISTON DEF DIST DEPOT ANNISTON

Address 1: Address 2: PO Box: PO Box:

City: ANNISTON ANNISTON

State: AL Zip Code: 362014199 Country: US State: AL Zip Code: 362014199 Country: US

FFL: ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐

Contact / Condition Problems Estimate History / Status Shipping / Billing

Contact Information

Phone: Fax: Email: Comments:

Received Condition

Condition: Good

Condition Notes: CSR Notes:

Accessories Received

Code	Desc	Qty
A007	With Stud	3
A010	Hard Case	1
A017	Scope Base	1
A026	Scope	1
A057	Frt and Rear Sgt Base	1

Repair Search Refresh Close

start 5 2 3 Arms Service

Serial Number: **C6611460**

Model: **M24 SWS**



RE00092926

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6611460.__0
FILE DATE AND TIME: 06/13/2005 06:43

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.061
The Average Y Centroid of the Five Target Set:	-0.165
The Average Point of Impact of the Five Target Set:	0.176
The Average Mean Radius of the Five Target Set:	0.663
The Distance from POA to Centroid Target #1:	0.109
The Distance from Centroid Target #2 to Centroid Target #1:	0.137
The Distance from Centroid Target #3 to Centroid Target #1:	0.195
The Distance from Centroid Target #4 to Centroid Target #1:	0.268
The Distance from Centroid Target #5 to Centroid Target #1:	0.172

SERIAL NUMBER: C6611460. __0

TARGET NUMBER: 1

FILE DATE: 06/13/2005

FILE TIME: 06:43

POINT#	X	Y
1:	0.920	0.594
2:	-0.280	-0.469
3:	-0.976	-1.326
4:	0.290	0.185
5:	-0.187	0.286
6:	-0.241	0.025
7:	0.132	-0.162
8:	-0.106	-0.147
9:	0.133	-0.027
10:	-0.135	0.053

X CENTROID: -0.045

Y CENTROID: -0.099

POA TO CENTROID: 0.109

HORZ SPREAD: 1.896

VERT SPREAD: 1.920

GROUP SPREAD: 2.698

MIN RADIUS: 0.078

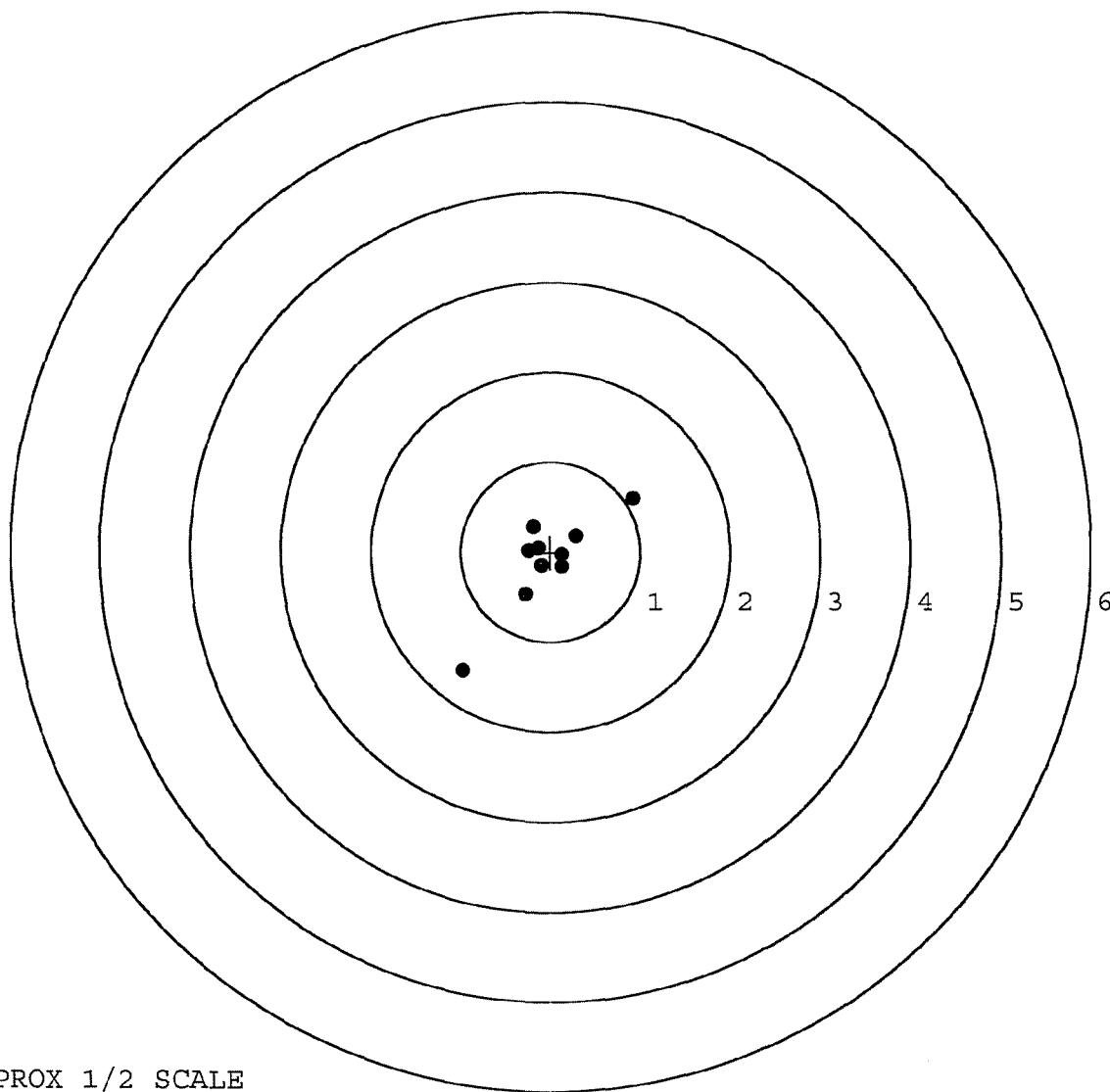
MAX RADIUS: 1.540

MEAN RADIUS: 0.488

IN 1 IN DIAMETER: 8

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 9

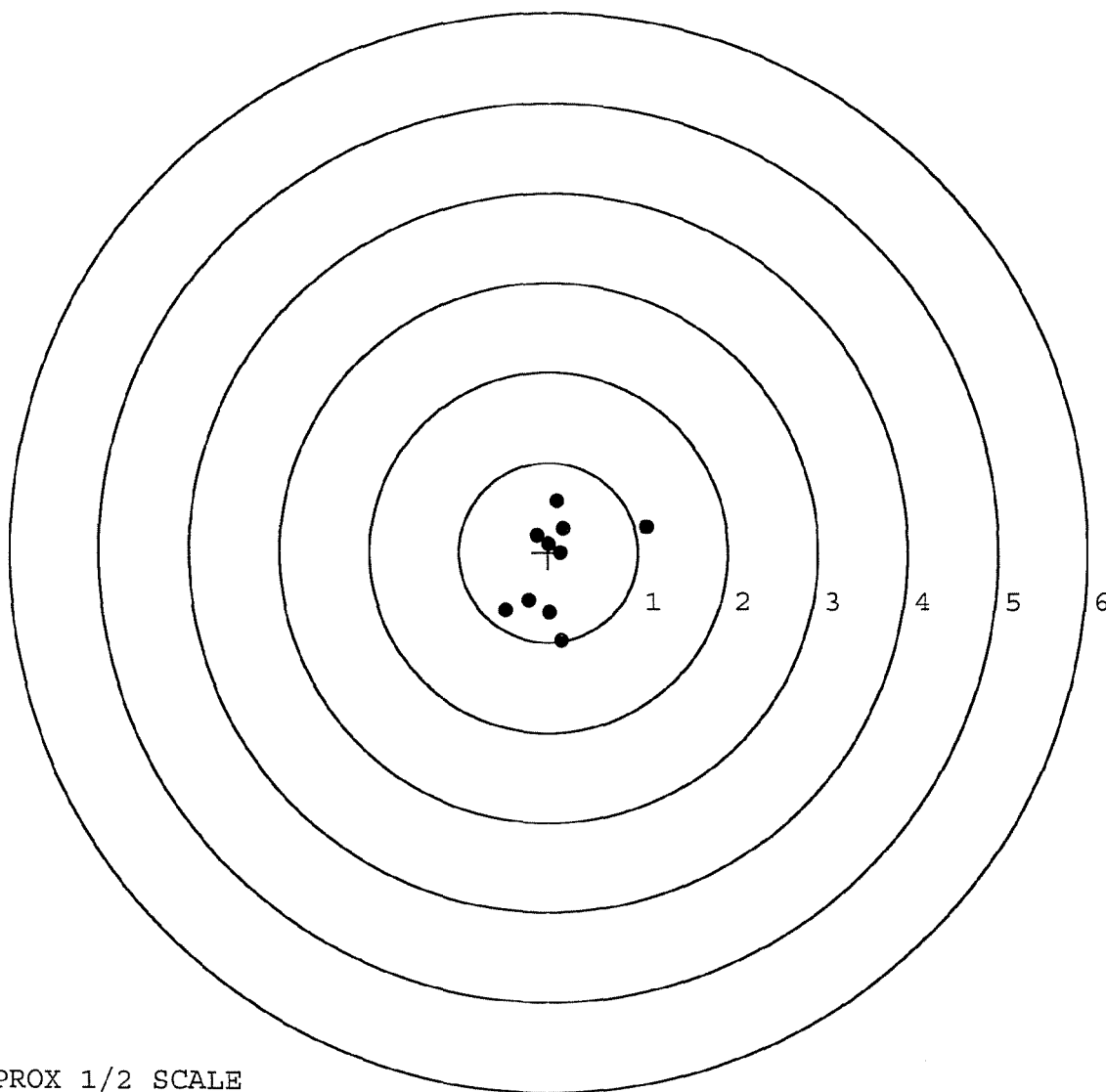


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611460. __0
TARGET NUMBER: 2
FILE DATE: 06/13/2005
FILE TIME: 06:43

X CENTROID: 0.083
Y CENTROID: -0.148
POA TO CENTROID: 0.170
HORZ SPREAD: 1.568
VERT SPREAD: 1.565
GROUP SPREAD: 1.828
MIN RADIUS: 0.151
MAX RADIUS: 1.095
MEAN RADIUS: 0.567
IN 1 IN DIAMETER: 5
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	1.089	0.285
2:	0.095	0.572
3:	0.147	-0.993
4:	0.018	-0.677
5:	-0.222	-0.542
6:	-0.479	-0.654
7:	-0.130	0.189
8:	0.138	-0.007
9:	0.170	0.261
10:	0.006	0.087

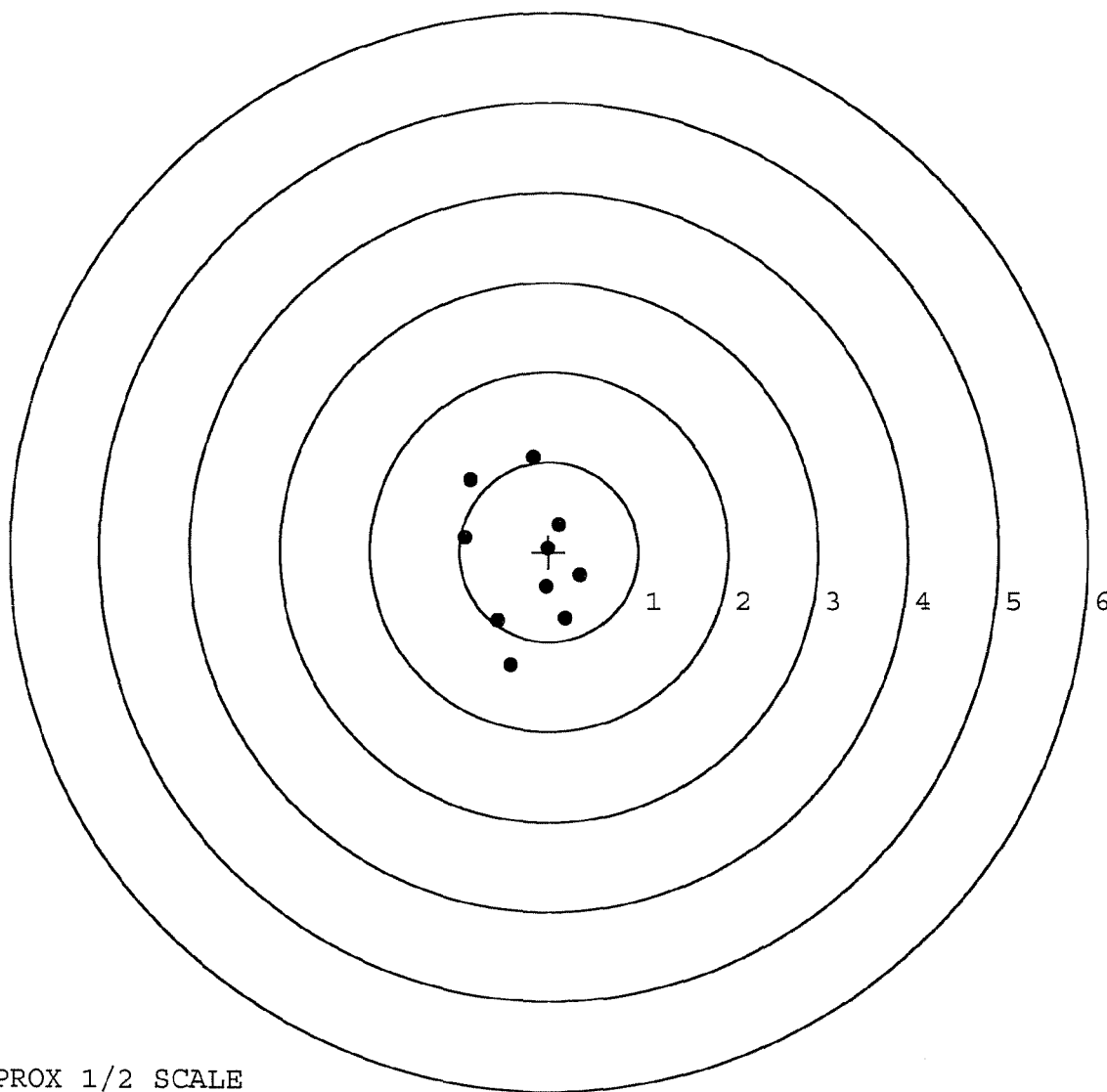


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611460. __0
TARGET NUMBER: 3
FILE DATE: 06/13/2005
FILE TIME: 06:43

X CENTROID: -0.240
Y CENTROID: -0.108
POA TO CENTROID: 0.263
HORZ SPREAD: 1.292
VERT SPREAD: 2.320
GROUP SPREAD: 2.334
MIN RADIUS: 0.268
MAX RADIUS: 1.177
MEAN RADIUS: 0.748
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 7
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.190	-0.746
2:	-0.567	-0.773
3:	-0.432	-1.269
4:	-0.940	0.164
5:	-0.876	0.802
6:	-0.178	1.051
7:	0.108	0.305
8:	-0.017	0.041
9:	0.352	-0.262
10:	-0.036	-0.393



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611460. __0

TARGET NUMBER: 4

FILE DATE: 06/13/2005

FILE TIME: 06:43

POINT#	X	Y
1:	1.408	-0.543
2:	-0.196	-0.712
3:	-0.413	-1.204
4:	-1.238	-0.681
5:	-1.649	-0.598
6:	-0.253	-0.236
7:	0.368	-0.102
8:	0.145	0.026
9:	-0.137	0.293
10:	-0.189	0.697

X CENTROID: -0.215

Y CENTROID: -0.306

POA TO CENTROID: 0.374

HORZ SPREAD: 3.057

VERT SPREAD: 1.901

GROUP SPREAD: 3.057

MIN RADIUS: 0.079

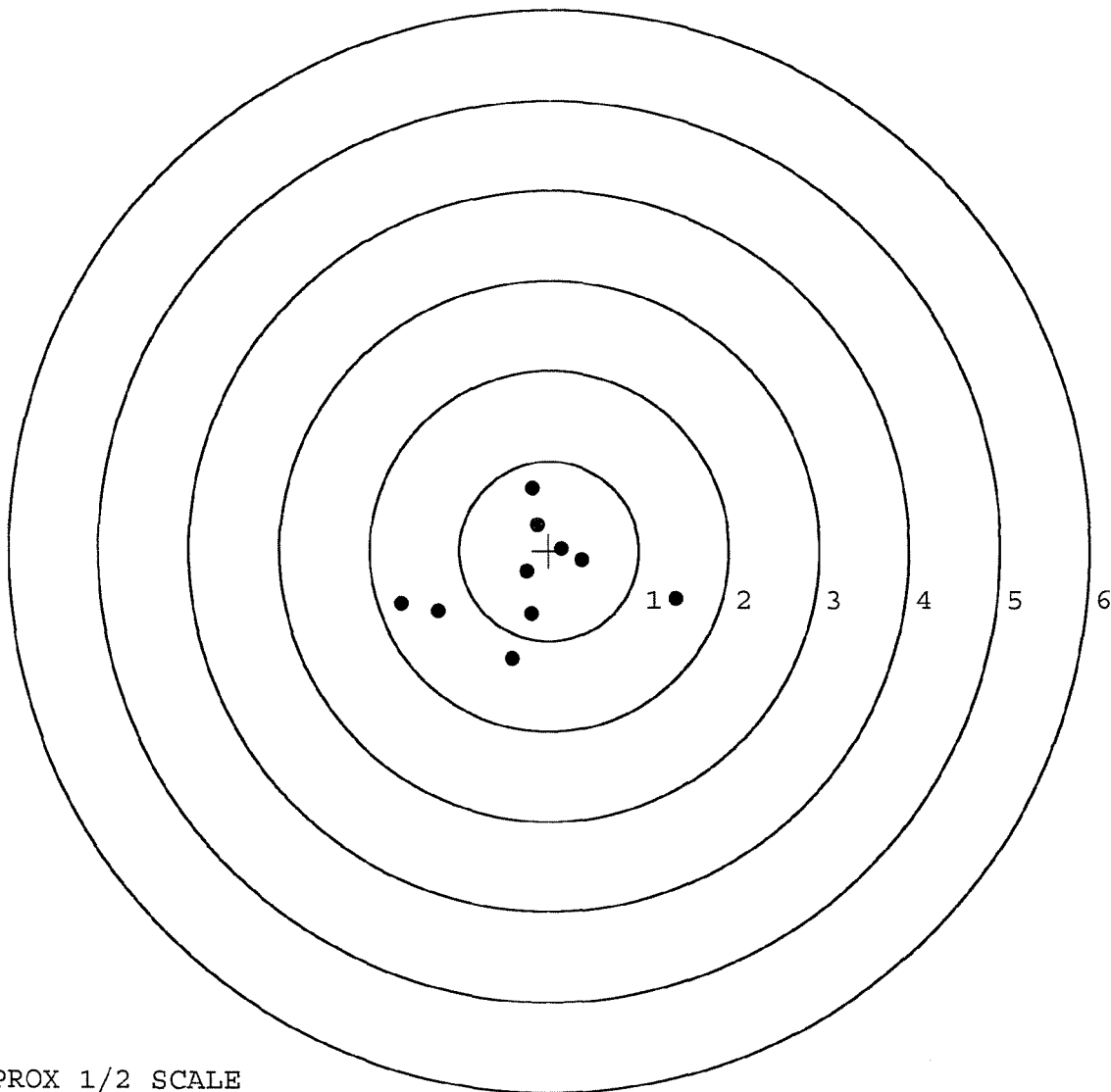
MAX RADIUS: 1.641

MEAN RADIUS: 0.831

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 6

in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611460. __0

TARGET NUMBER: 5

FILE DATE: 06/13/2005

FILE TIME: 06:43

POINT#	X	Y
1:	0.923	-0.567
2:	1.117	0.740
3:	0.012	-1.353
4:	-0.753	-0.621
5:	0.128	-0.392
6:	0.269	0.342
7:	0.072	0.325
8:	-0.139	0.091
9:	-0.355	-0.005
10:	-0.136	-0.211

X CENTROID: 0.114

Y CENTROID: -0.165

POA TO CENTROID: 0.201

HORZ SPREAD: 1.870

VERT SPREAD: 2.093

GROUP SPREAD: 2.367

MIN RADIUS: 0.227

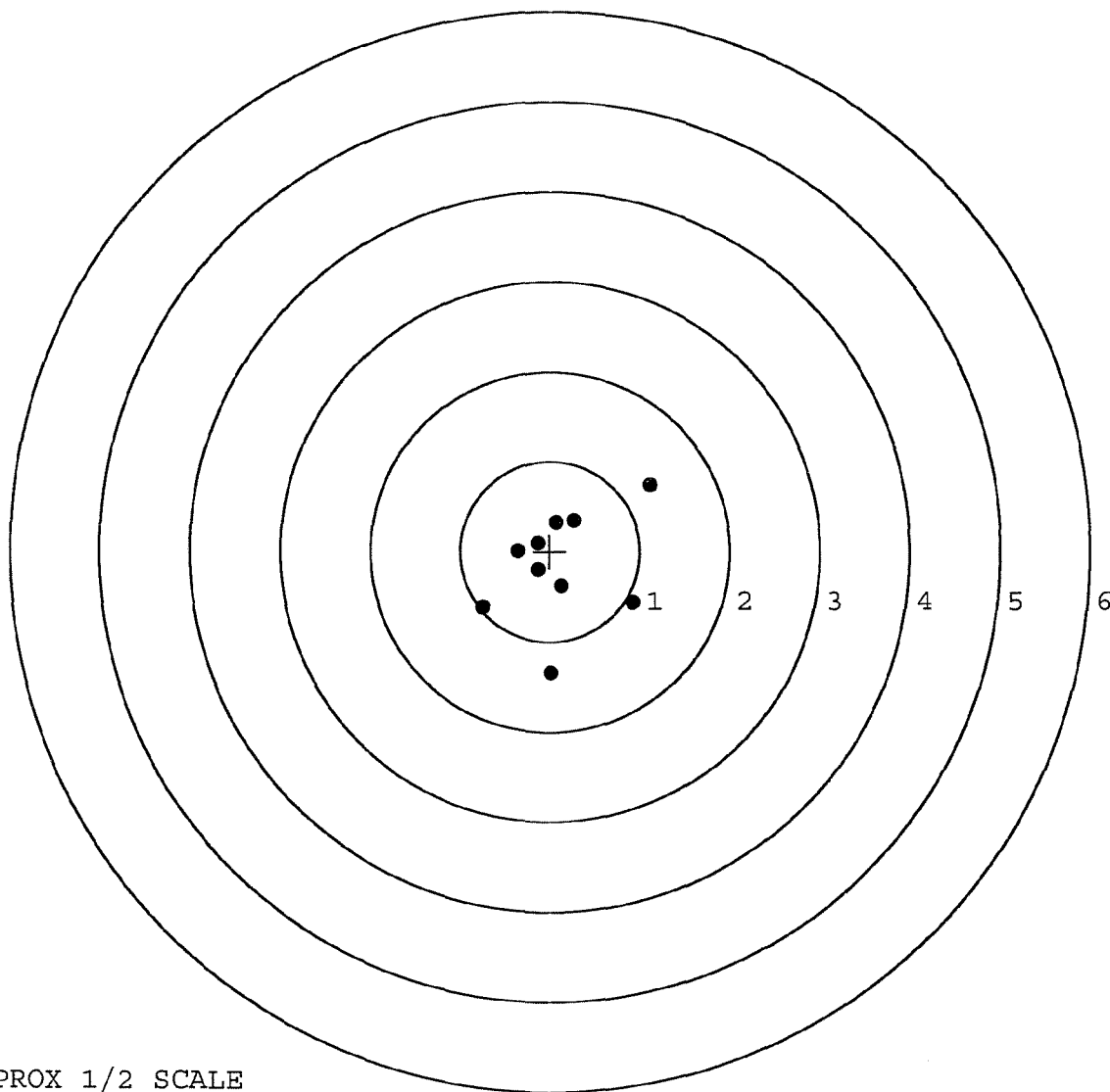
MAX RADIUS: 1.351

MEAN RADIUS: 0.679

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

M-24 INSPECTION CHECKLIST
CONTRACT #: DAAE-20-02-D-0127

R & E NUMBER	92926		
SERIAL NUMBER	C6611460		
LOG-IN DATE	2-10-05		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	4-25-05	RTZ
560 A	RE-BARREL	5-3-05	RTZ
B	DRILL AND TAP	5-5-05	TRW
575	ASSEMBLE	5-3-05	RTZ
600	PROOF	5-4-05	AC
605	CHECK HEADSPACE	5-4-05	R
610	DIS-ASSEMBLE GUN	5-6-05	RTZ
612	MAGNAFLUX OPERATOR		
615	ROLLMARK CALIBER	5-9-05	CW
618	ROTO-BLAST	5-9-05	LB
620	APPLY COATINGS	5-15-05	CW
625 A	FINAL ASSEMBLY	5-19-05	RR
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE	6-13-05	AE
D	SAFETY "OFF" FORCE	6-13-05	AC
E	FIRING PIN INDENT	6-13-05	AC
640	TARGET	6-13-05	AC
655	FINAL INSPECT	6-13-05	AE
660	PACK	7-6-05	RTZ
		SHIP DATE	
		QAR INSPECTION DATE	

Remington
 MODEL 700™ H24

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

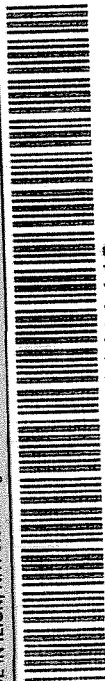
RES. U.S. PAT. & TM. OFF.

SERIAL NO.
 C6611460

ORDER NO.
 5716

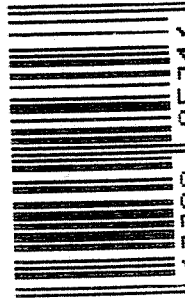
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20



5716 C6611460

UPC



0 47700 25716 2

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # **C6611460**

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		3/13/91	K.S.
600	Proof		3/13/91	K.S.
607	Check Headspace		3/13/91	K.S.
610	Dis-assemble Gun		3/13/91	K.S.
612	Magnaflux Barrel Action		3/27/91	K.R.
	Magnaflux Bolt		4	K.R.
615	Rollmark Caliber		3/27/91	GL
617	Drill and Tap Sight Holes		APR 3 1991	FB
618	Polish Barrel		APR 3 1991	WB
620	Apply Coatings (Barrel Action)		4-13-91	FB
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		5/2/91	K.S.
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		5/2/91	K.S.
	C) Inspect Ejector Hole for Chamfer		5/2/91	K.S.
	D) Oil Firing Pin Ass'y		5/2/91	K.S.
	E) Adjust Trigger Pull to Min Setting and Stake		5/8/91	GL

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5	5	5			5/8/91	SM
	G) Safety Off Force	4	4	4			5/8/91	SM
	H) Trigger Pull Test & Retainability						5/8/91	SM
	I) Firing Pin Indent	.022	.022	.022			5/8/91	SM
	J) Assemble Stock						5/8/91	KS
	K) Assemble Swivel Studs						5-17-91	AC
	L) Attach Front and Rear Sight Assemblies						5/8/91	KS
	M) Iron Sight Alignment						5/8/91	KS
	N) Detach Front & Rear Sights & place in numbered container						5/8/91	KS
	O) Attach Scope to Rifle						5/8/91	KS
	P) Detach & Attach Scope 20 Times						5/8/91	KS
640	Gallery Target & Test						5-10-91	AF
	A) Time						"	AF
	B) Malfunctions						"	AF
	C) Pierced Primers						"	AF
	D) Optical Clarity of Scope						"	AF
645	Inspect for Live Ammo						5-10-91	AF
655	Final Inspection							
	A) Headspace						5-17-91	KE
	B) Trigger Pull	2.65	2.69	2.70	2.62	2.68	5/13/91	SM
	C) Function						5-17-91	KE
660	Pack						6-18-91	AF

SWS TRIGGER PULL TEST

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

SERIAL NO. C-6611460

DATE 5/8/91

TESTER [Signature]

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#	COMMENTS
PULL #1	2.25	2.23	2.42 2.65	MIN. SETTING,
PULL #2	2.25	2.44	2.40 2.69	NO AVG. OF 5
PULL #3	2.53	2.38	2.33 2.70	READINGS ACCEPT-
PULL #4	2.49	2.30	2.30 2.62	ABLE LESS THAN 2#
PULL #5	2.44	2.39	2.35 2.68	
TOTAL				
AVG.				

	3.00# INITIAL	3.00# AFTER 20 CYCLES	COMMENTS
PULL #1	3.56	3.20	
PULL #2	3.21	3.32	
PULL #3	3.19	3.30	
PULL #4	3.26	3.34	
PULL #5	3.31	3.24	
TOTAL			
AVG.			

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.24	4.27		4.31
PULL #2	4.24	4.25		4.32
PULL #3	4.50	4.28		4.23
PULL #4	4.56	4.30		4.26
PULL #5	4.32	4.37		4.22
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6611460
10 May 1991

CENTROIDAL DISTANCES

0 TO	1	.0245967
1 TO	2	.0630317
1 TO	3	.214672
1 TO	4	.183883
1 TO	5	.172679

3# <----POB

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0346
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0792
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .08642
THE AMR FOR THIS RIFLE IS: 1.054

10 May 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6611450

CENTERFIRE PATTERNS

1

POA

1in circle

2in circle

3in circle

CENTROID

OF SHOTS= 10

IN CIR

1in = 3

2in = 6

3in = 7

HS= 2.778

VS= 3.212

GS= 3.379

PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.797	.577	.556
MINIMUM X	:	-1.981	-.644	-.665
MAXIMUM Y	:	1.383	1.391	1.164
MINIMUM Y	:	-1.909	-1.821	-.895
CENTROID X	:	-.022	.198	.219
CENTROID Y	:	-.011	-.099	.128
POA TO CENTROID in.	:	.025	.221	.254
MIN RADIUS	:	.346	.294	.213
MEAN RADIUS	:	1.018	.863	.732
MAX RADIUS	:	2.133	1.829	1.290
HORIZONTAL SPREAD	:	2.778	1.221	1.221
VERTICAL SPREAD	:	3.212	3.212	2.059
EXTREME SPREAD	:	3.379	3.297	2.066
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		7	

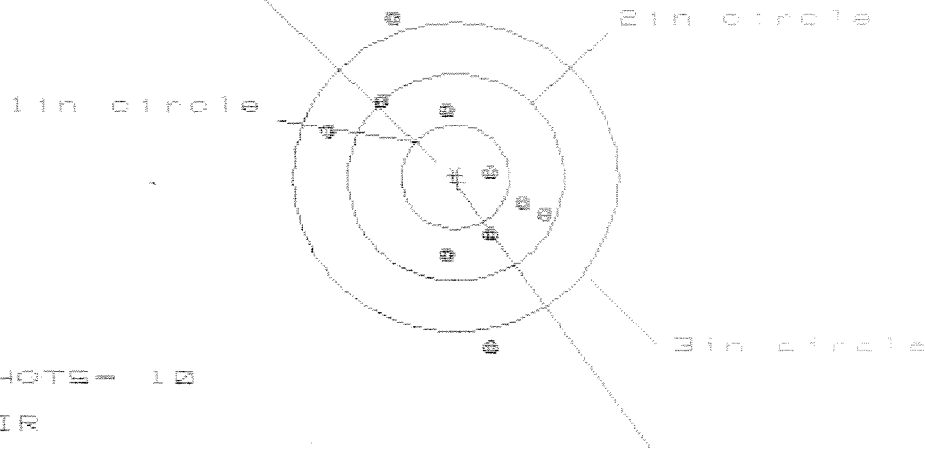
18 May 1991

FILE:/PATTERNING/CENTERFIRE_PATT/06611460

CENTERFIRE PATTERNS

2

POA



OF SHOTS- 10

IN CIR

1in = 1

2in = 6

3in = 8

HS= 1.998

VS= 3.138

GS= 3.263

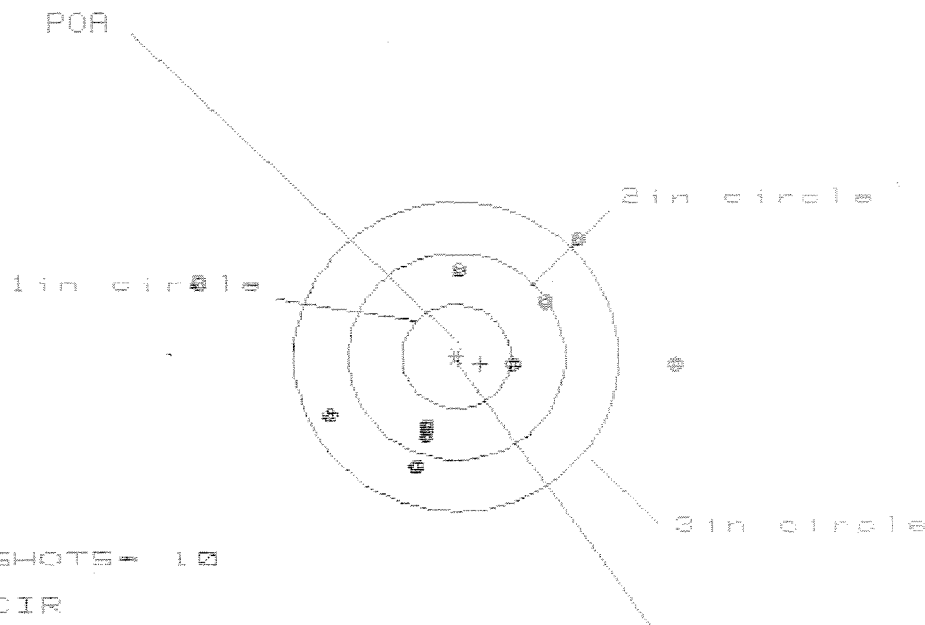
CENTROID #

PATTERN #	:	2	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.856	.896	.834
MINIMUM X	:	-1.142	-1.102	-1.163
MAXIMUM Y	:	1.508	1.327	.740
MINIMUM Y	:	-1.630	-.899	-.733
CENTROID X	:	-.020	-.060	.002
CENTROID Y	:	.052	.233	.067
POA TO CENTROID in.	:	.056	.241	.067
MIN RADIUS	:	.345	.403	.322
MEAN RADIUS	:	.946	.868	.770
MAX RADIUS	:	1.669	1.417	1.240
HORIZONTAL SPREAD	:	1.998	1.998	1.998
VERTICAL SPREAD	:	3.138	2.226	1.473
EXTREME SPREAD	:	3.263	2.317	2.148
NUMBER IN ONE INCH CIRCLE	=	1		
NUMBER IN TWO INCH CIRCLE	=	6		
NUMBER IN THREE INCH CIRCLE	=	8		

10 May 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8611460

CENTERFIRE PATTERNS # 3



OF SHOTS = 10

IN CIR

1in = 0

2in = 4

3in = 7

HS = 4.325

VS = 2.229

GS = 4.408

CENTROID *

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.986	1.726	1.122
MINIMUM X	:	-2.339	-1.474	-1.258
MAXIMUM Y	:	1.162	1.248	1.249
MINIMUM Y	:	-1.067	-.981	-.980
CENTROID X	:	-.222	-.038	-.178
CENTROID Y	:	.067	-.019	-.020
POA TO CENTROID in.	:	.232	.042	.179
MIN RADIUS	:	.572	.304	.520
MEAN RADIUS	:	1.252	1.087	.997
MAX RADIUS	:	2.463	1.726	1.678
HORIZONTAL SPREAD	:	4.325	3.200	2.380
VERTICAL SPREAD	:	2.229	2.229	2.229
EXTREME SPREAD	:	4.408	3.237	2.942
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		7	

18 May 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8611460

CENTERFIRE PATTERNS

4

POA

1in circle

2in circle

3in circle

OF SHOTS= 10

IN CIR

1in = 0

2in = 4

3in = 7

HS= 2.480

VS= 3.727

GS= 3.735

CENTROID *

PATTERN #

4

SHOTS (BEST OF)

10

9

8

MAXIMUM X

.799

.821

.614

MINIMUM X

-1.681

-1.659

-.917

MAXIMUM Y

2.121

1.172

1.194

MINIMUM Y

-1.606

-1.371

-1.349

CENTROID X

-.004

-.026

.181

CENTROID Y

.172

-.063

-.085

POA TO CENTROID in.

.172

.069

.200

MIN RADIUS

.546

.579

.410

MEAN RADIUS

1.159

1.037

.934

MAX RADIUS

2.130

1.668

1.373

HORIZONTAL SPREAD

2.480

2.480

1.531

VERTICAL SPREAD

3.727

2.543

2.543

EXTREME SPREAD

3.735

2.675

2.568

NUMBER IN ONE INCH CIRCLE =

0

NUMBER IN TWO INCH CIRCLE =

4

NUMBER IN THREE INCH CIRCLE =

7

18 May 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8611460

CENTERFIRE PATTERNS

5

POA

1 in circle

2 in circle

3 in circle

OF SHOTS- 10

IN CIR

1 in = 2

2 in = 7

3 in = 6

HS= 1.572

VS= 3.136

GS= 3.179

CENTROID #

PATTERN #

5

SHOTS (BEST OF)

10

9

8

MAXIMUM X

.782

.804

.765

MINIMUM X

-.790

-.768

-.807

MAXIMUM Y

1.504

1.322

.844

MINIMUM Y

-1.632

-.807

-.641

CENTROID X

.095

.073

.112

CENTROID Y

.116

.298

.132

POA TO CENTROID in.

.150

.307

.174

MIN RADIUS

.384

.385

.391

MEAN RADIUS

.894

.809

.721

MAX RADIUS

1.643

1.358

1.001

HORIZONTAL SPREAD

1.572

1.572

1.572

VERTICAL SPREAD

3.136

2.129

1.485

EXTREME SPREAD

3.179

2.369

1.926

NUMBER IN ONE INCH CIRCLE =

2

NUMBER IN TWO INCH CIRCLE =

7

NUMBER IN THREE INCH CIRCLE =

8