

C6348798

MODEL 700TM M24

Model **SWS** TM

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.

Remington.

M2400064367

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

Smead

Repair Inquiry

Repair Number: **RE00061095**Serial: C6348798 Model 700 Center Fire Caliber:
7.62 NATO M-24 (SWS)

Repairman:

Verify Repair

Status:

Closed 2/4/2003 5:17:04 PM

Address Information

Customer:

☒ Received From

Return To:

☐ Received FromName: **COMMANDER****COMMANDER**Address 1: **ATTN SGT GONZALEZ****ATTN SGT GONZALEZ**Address 2: **1/1 SFG (A) UNIT 35123**

PO Box:

1/1 SFG (A) UNIT 35123

PO Box:

City: **APD****APD**State: **XX**Zip Code: **96376**Country: **AP**State: **XX**Zip Code: **96376**Country: **AP**

FFL:

Contact / Condition

Problems

Estimate

History / Status

Shipping / Billing

Contact Information

Phone:

Fax:

Email:

Comments:

Received Condition

Poor

Condition:

Notes:

REC'D IN SAME HARD CASE
W/ SER# C6225190 & SER#
C6225339

CSR

Notes:

Accessories Received

Code	Desc	Qty
A007	With Stud	1
A010	Hard Case	1
A017	Scope Base	1
X	FRT & REAR SGT BA	1

Repair Search

Refresh

Close

nagletj

2/6/2003

7:51 AM

CAPS

NUM

INS

SCRL

start

Info - Microsoft

Calendar - M...

Shot Show - M...

Arms Services R...

7:51 AM

Serial:
Number:**C6348798**Model: **700****RE00061095**

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6348798.__0

FILE DATE AND TIME: 03/11/2003 11:17

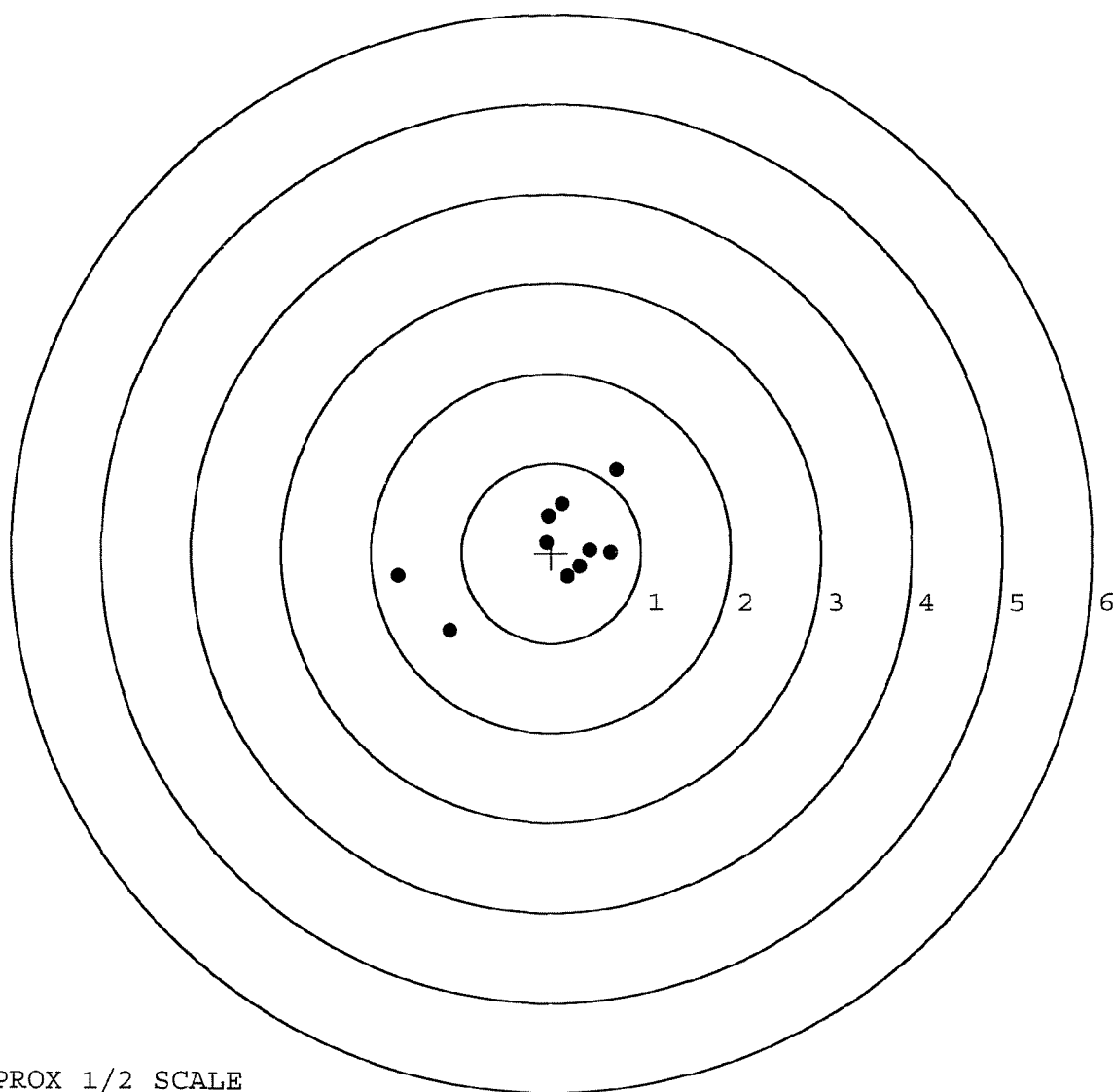
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.104
The Average Y Centroid of the Five Target Set:	0.011
The Average Point of Impact of the Five Target Set:	0.104
The Average Mean Radius of the Five Target Set:	0.627
The Distance from POA to Centroid Target #1:	0.069
The Distance from Centroid Target #2 to Centroid Target #1:	0.335
The Distance from Centroid Target #3 to Centroid Target #1:	0.048
The Distance from Centroid Target #4 to Centroid Target #1:	0.082
The Distance from Centroid Target #5 to Centroid Target #1:	0.047

SERIAL NUMBER: C6348798. __0
TARGET NUMBER: 1
FILE DATE: 03/11/2003
FILE TIME: 11:17

X CENTROID: -0.050
Y CENTROID: 0.047
POA TO CENTROID: 0.069
HORZ SPREAD: 2.431
VERT SPREAD: 1.793
GROUP SPREAD: 2.707
MIN RADIUS: 0.072
MAX RADIUS: 1.684
MEAN RADIUS: 0.723
IN 1 IN DIAMETER: 5
IN 2 IN DIAMETER: 7
in 3 IN DIAMETER: 9

POINT#	X	Y
1:	0.184	-0.268
2:	0.314	-0.155
3:	0.661	0.006
4:	0.430	0.028
5:	0.726	0.925
6:	0.116	0.543
7:	-0.042	0.407
8:	-1.132	-0.868
9:	-1.705	-0.265
10:	-0.057	0.119

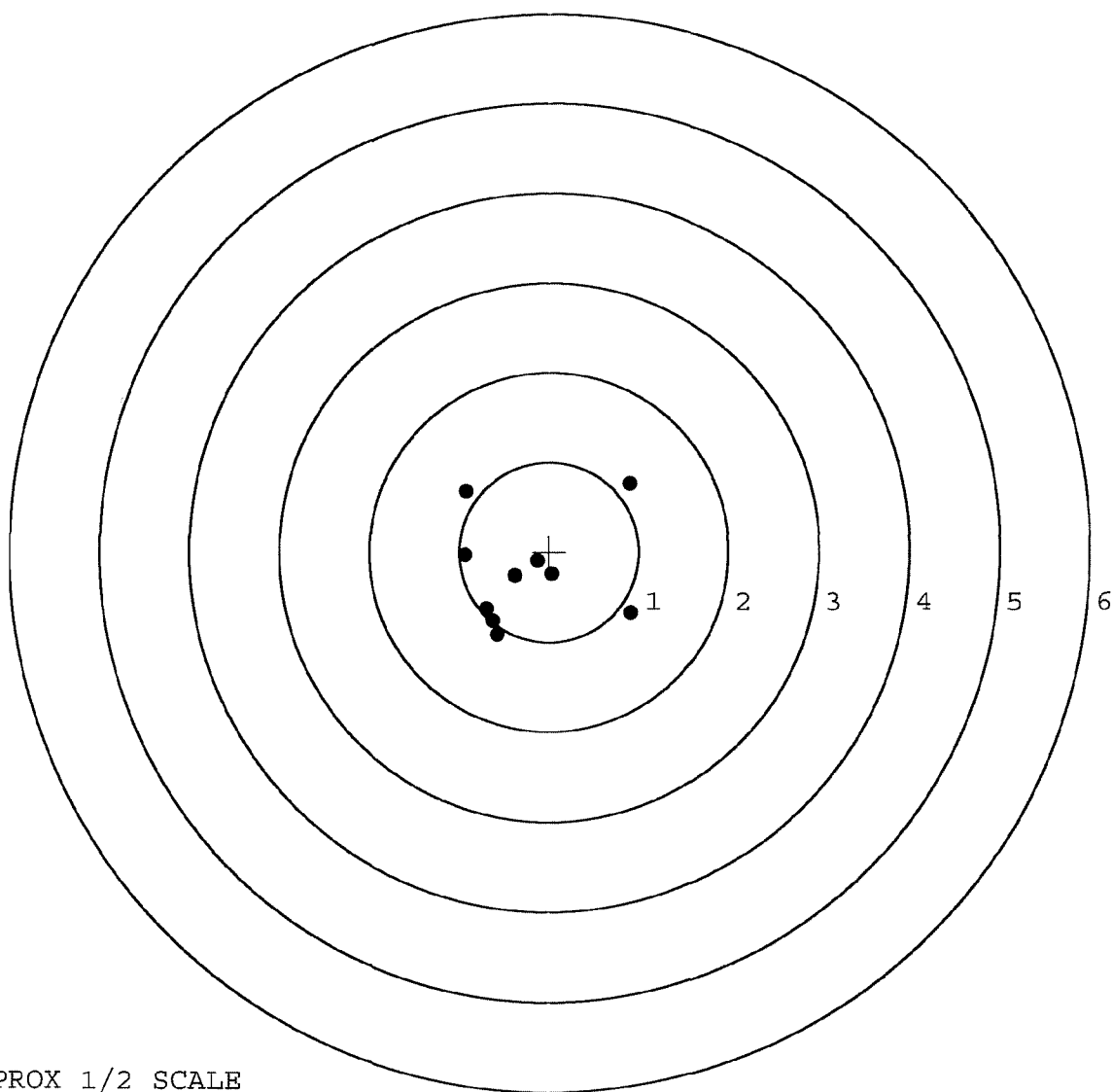


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348798. __0
TARGET NUMBER: 2
FILE DATE: 03/11/2003
FILE TIME: 11:17

POINT#	X	Y
1:	0.907	-0.685
2:	0.896	0.755
3:	-0.932	0.676
4:	-0.936	-0.040
5:	-0.701	-0.637
6:	-0.632	-0.767
7:	-0.586	-0.922
8:	-0.384	-0.270
9:	0.030	-0.251
10:	-0.135	-0.103

X CENTROID: -0.247
Y CENTROID: -0.224
POA TO CENTROID: 0.334
HORZ SPREAD: 1.843
VERT SPREAD: 1.677
GROUP SPREAD: 2.238
MIN RADIUS: 0.144
MAX RADIUS: 1.505
MEAN RADIUS: 0.723
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 7
in 3 IN DIAMETER: 9

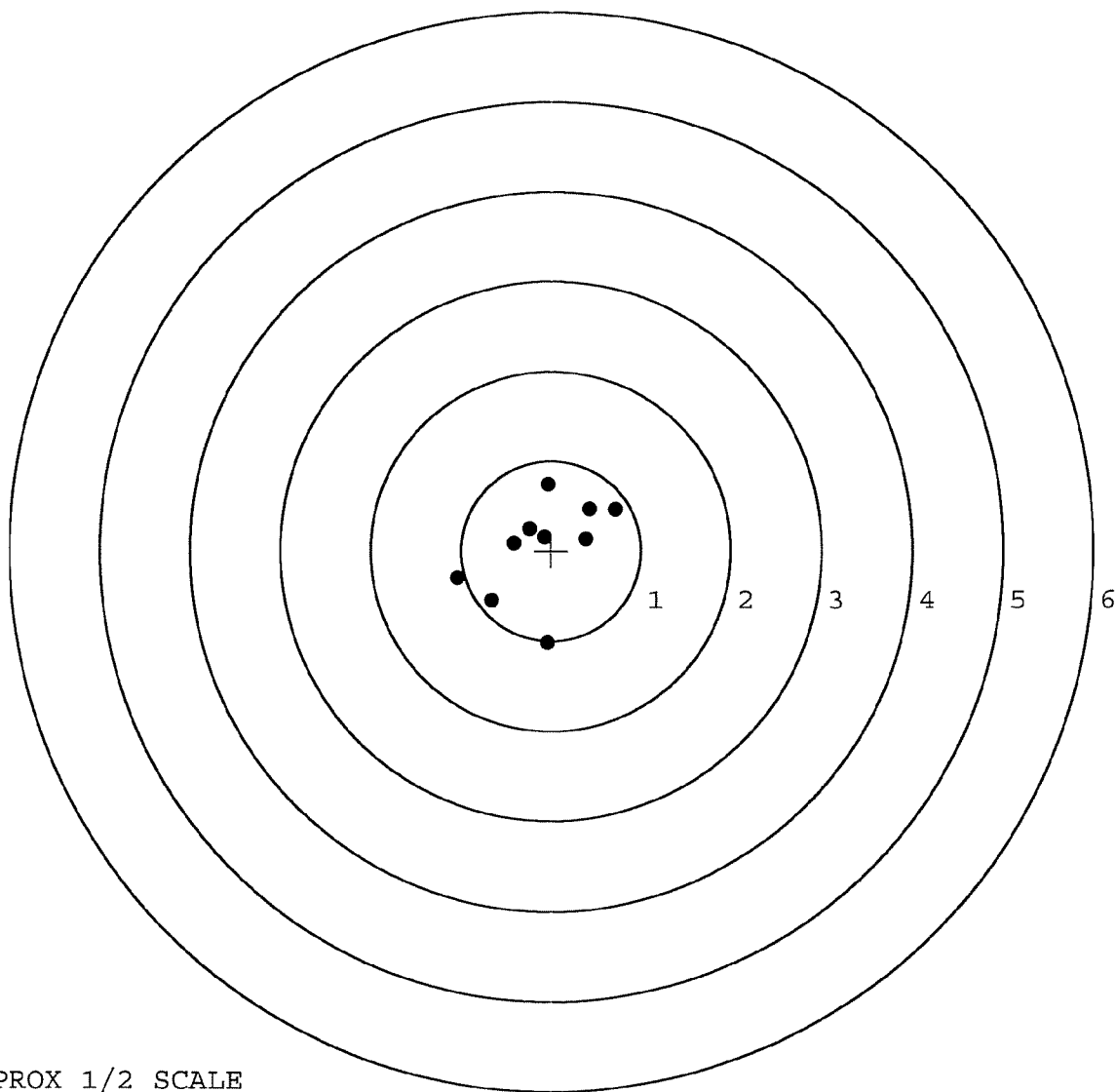


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348798. __0
TARGET NUMBER: 3
FILE DATE: 03/11/2003
FILE TIME: 11:17

POINT#	X	Y
1:	-0.045	-1.028
2:	-0.662	-0.555
3:	-1.040	-0.309
4:	0.720	0.458
5:	0.433	0.466
6:	0.393	0.130
7:	-0.039	0.736
8:	-0.074	0.151
9:	-0.244	0.242
10:	-0.417	0.081

X CENTROID: -0.098
Y CENTROID: 0.037
POA TO CENTROID: 0.104
HORZ SPREAD: 1.760
VERT SPREAD: 1.764
GROUP SPREAD: 1.764
MIN RADIUS: 0.116
MAX RADIUS: 1.066
MEAN RADIUS: 0.638
IN 1 IN DIAMETER: 4
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 10

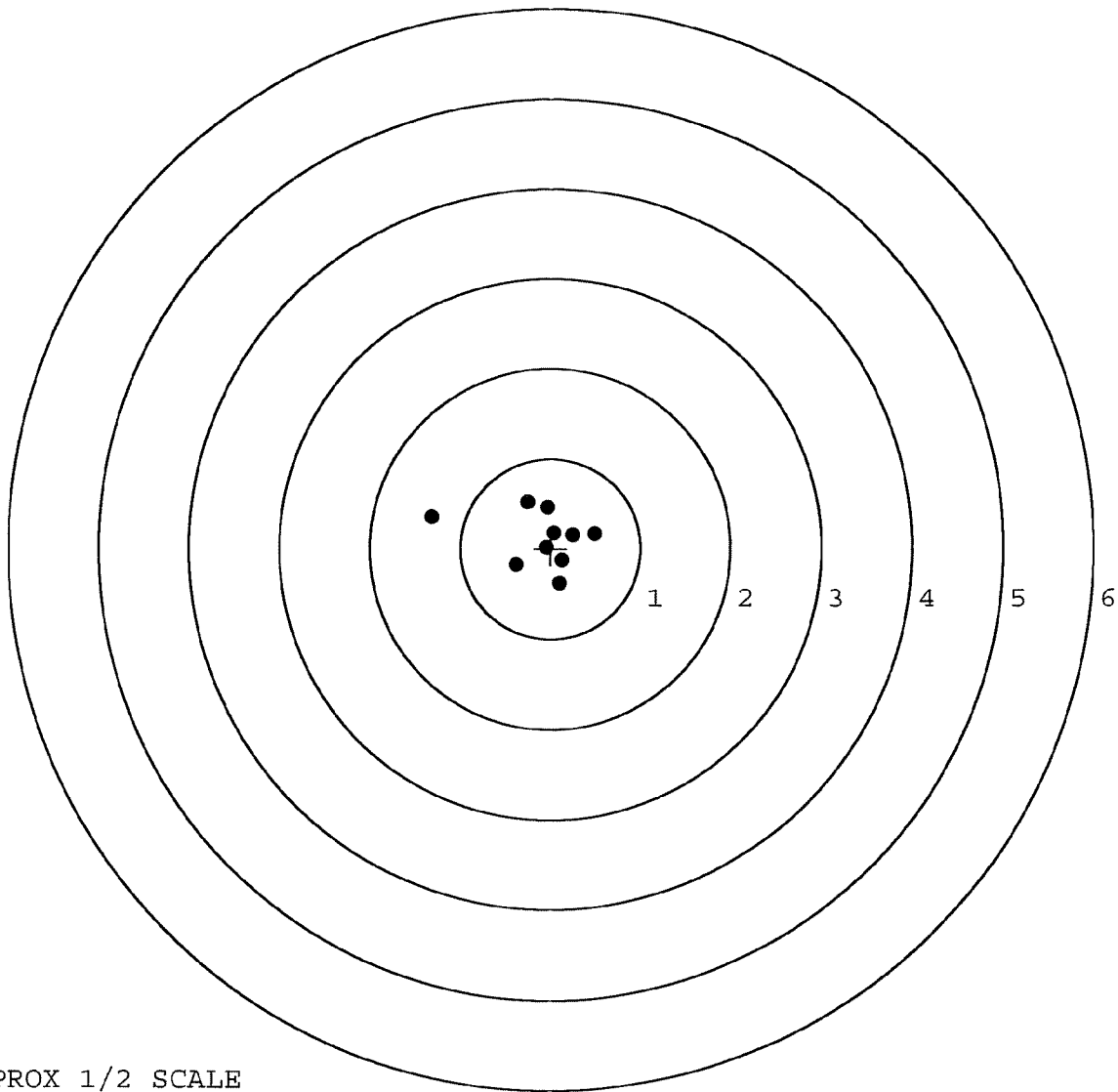


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348798. __0
TARGET NUMBER: 4
FILE DATE: 03/11/2003
FILE TIME: 11:17

X CENTROID: -0.103
Y CENTROID: 0.110
POA TO CENTROID: 0.151
HORZ SPREAD: 1.806
VERT SPREAD: 0.907
GROUP SPREAD: 1.816
MIN RADIUS: 0.113
MAX RADIUS: 1.237
MEAN RADIUS: 0.453
IN 1 IN DIAMETER: 7
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.490	0.161
2:	-0.037	0.454
3:	-0.255	0.519
4:	-1.316	0.350
5:	0.105	-0.388
6:	-0.385	-0.185
7:	0.133	-0.137
8:	-0.052	0.010
9:	0.251	0.152
10:	0.038	0.168

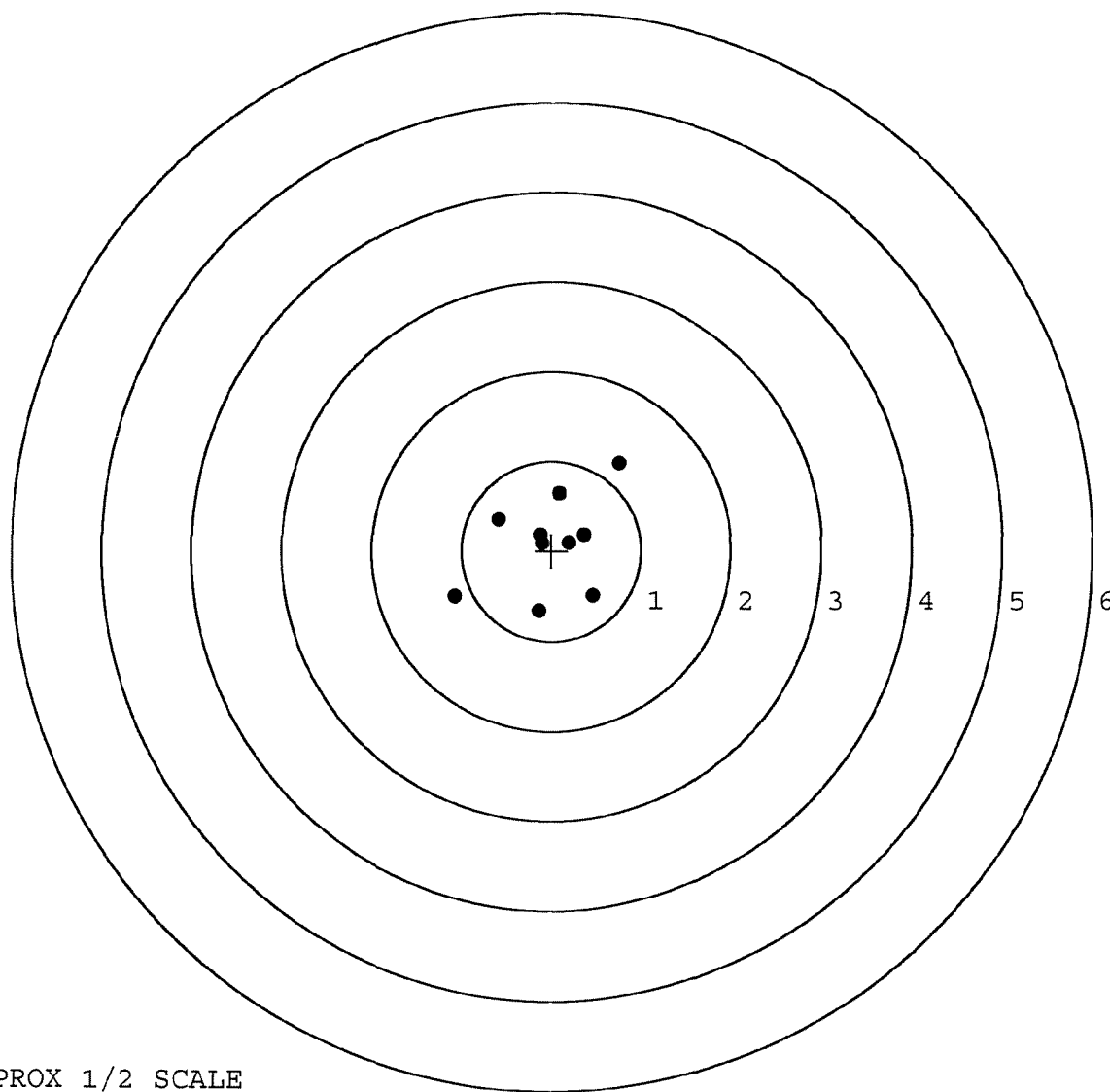


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348798.___0
TARGET NUMBER: 5
FILE DATE: 03/11/2003
FILE TIME: 11:17

POINT#	X	Y
1:	0.464	-0.503
2:	-0.146	-0.667
3:	-1.074	-0.508
4:	0.753	0.975
5:	0.083	0.645
6:	0.360	0.180
7:	0.200	0.093
8:	-0.127	0.175
9:	-0.113	0.084
10:	-0.596	0.353

X CENTROID: -0.020
Y CENTROID: 0.083
POA TO CENTROID: 0.085
HORZ SPREAD: 1.827
VERT SPREAD: 1.642
GROUP SPREAD: 2.353
MIN RADIUS: 0.093
MAX RADIUS: 1.209
MEAN RADIUS: 0.596
IN 1 IN DIAMETER: 4
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

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

SERIAL # C6348798 INSPECTED BY: RJL
DATE REC'D: 2-5-03 DATE RET'D: 3-10-03

ITEM

BARREL ASSEMBLY

 BARREL
 RECEIVER
 FRONT SIGHT BASE
 REAR SIGHT BASE
 SCREWS
 FINISH

SCOPE ASSEMBLY

 SCOPE
 SCOPE RINGS
 MOUNTING SCREWS
 MOUNTING BASE
 SCREWS
 FINISH
 CLARITY

ITEM

STOCK ASSEMBLY

 STOCK
 SLING AWIVEL STUDS
 ADJUSTABLE
 BUTT PLATE
 LOCK NUTS
 BARREL CLEARANCE
 COLOR / FINISH

SYSTEMS CASE

 SCOPE CASE
 IRON SIGHTS
 DEPLOYMENT KIT

TRIGGER ASSEMBLY

 SAFETY OPERATION
 RE-SET TO FACTORY SPECS

COMMENTS:

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

R & E NUMBER	61095		
SERIAL NUMBER	C6348798		
LOG-IN DATE	2-4-07		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	2-10-03	RTL
560 A	RE-BARREL	2-11-03	RTL
B	DRILL AND TAP	2-20-03	TRW
575	ASSEMBLE	2-13-03	RTL
600	PROOF	2-13-03	AC
605	CHECK HEADSPACE	2-13-03	AC
610	DIS-ASSEMBLE GUN	2-14-03	RTL
612	MAGNAFLUX	2-19-03	AC
615	ROLLMARK CALIBER	2-26-03	TA
618	ROTO-BLAST	3-3	RW
620	APPLY COATINGS	3-6-03	AC
625 A	FINAL ASSEMBLY	3-10-03	RTL
B	TRIGGER PULL TEST	3-10-03	RTL
C	SAFETY "ON" FORCE	3-10-03	RTL
D	SAFETY "OFF" FORCE		
E	FIRING PIN INDENT		
640	TARGET		
655	FINAL INSPECT		
660	PACK		
		SHIP DATE	
QAR INSPECTION DATE			

Remington®



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

MODEL 700™ H24

SERIAL NO.
C6348798

ORDER NO.
5716

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

01



5716 C6348798

UPC



0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6348798

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	7 11	89	RW
600	Proof	7 11	89	RW
607	Check Headspace	7 11	89	RW
610	Dis-assemble Gun	7 11	89	RW
612	Magnaflux Barrel Action		7/13	KCR
	Magnaflux Bolt		7/13	KCR
615	Rollmark Caliber		7/13	SS.
617	Drill and Tap Sight Holes	7 13	89	FB
618	Polish Barrel <i>AB</i>	7 13	89	BT
620	Apply Coatings (Barrel Action)		7/21/89	TJA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		7/25/89	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		7/25/89	RW
	C) Inspect Ejector Hole for Chamfer		7/25/89	RW
	D) Oil Firing Pin Ass'y		7/25/89	RW
	E) Adjust Trigger Pull to Min Setting and Stake		4 Aug 89	JS

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	6	6	5			1 Aug 89	JS
	G) Safety Off Force	3	3	3			1 Aug 89	JS
	H) Trigger Pull Test & Retainability						1 Aug 89	JS
	I) Firing Pin Indent	.020	.020	.020			1 Aug 89	JS
	J) Assemble Stock						8/2/89	RW
	K) Assemble Swivel Studs						2 Aug 89	JS
	L) Attach Front and Rear Sight Assemblies						8/2/89	RW
	M) Iron Sight Alignment						8/2/89	RW
	N) Detach Front & Rear Sights & place in numbered container						8/2/89	RW
	O) Attach Scope to Rifle						2 Aug 89	JS
	P) Detach & Attach Scope 20 Times						2 Aug 89	JS
640	Gallery Target & Test	52R 102L					8-2-89	JS
	A) Time						8-2-89	JS
	B) Malfunctions						8-2-89	JS
	C) Pierced Primers						8-2-89	JS
	D) Optical Clarity of Scope						8-2-89	JS
645	Inspect for Live Ammo						8-2-89	JS
655	Final Inspection						2 Aug 89	JS
	A) Headspace						2 Aug 89	JS
	B) Trigger Pull	2.38	2.38	2.36	2.35	2.3	2 Aug 89	JS
	C) Function						2 Aug 89	JS
660	Pack						7/20/89	JS

CENTROIDAL DISTANCE CALCULATIONS

FOR RIFLE # C6348798

2 Aug 1989

CENTROIDAL DISTANCES

0 TO	1	.425005
1 TO	2	.576265
1 TO	3	.239008
1 TO	4	.488095
1 TO	5	.562161

²⁵
34 <----POR

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.3632

THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .303

THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .472994

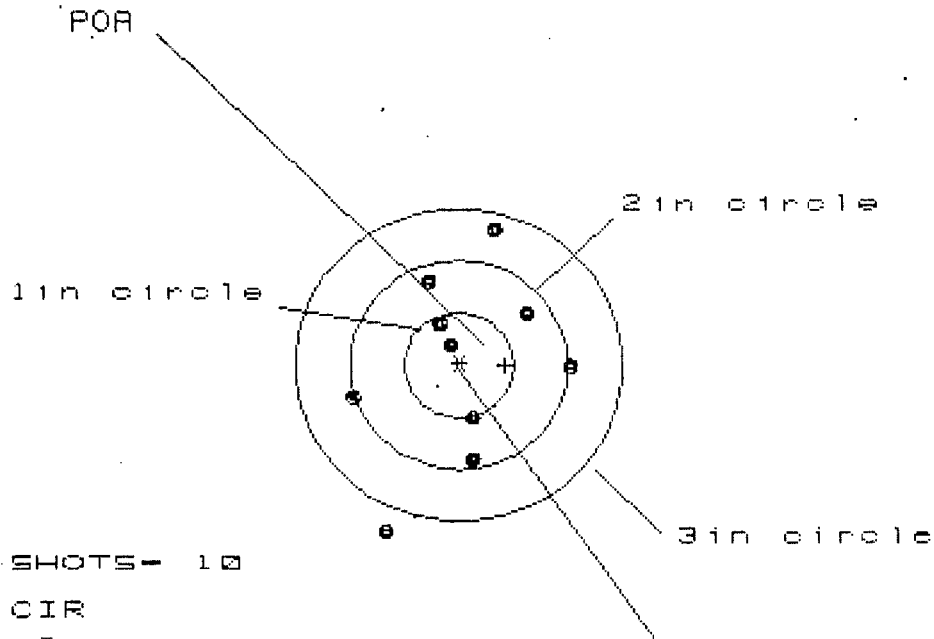
AMP FOR THIS RIFLE IS: .973

Aug 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C6348798

CENTERFIRE PATTERNS

1



OF SHOTS- 10

IN CIR

1in = 3

2in = 6

3in = 9

HS- 2.015

VS- 2.958

GS- 3.119

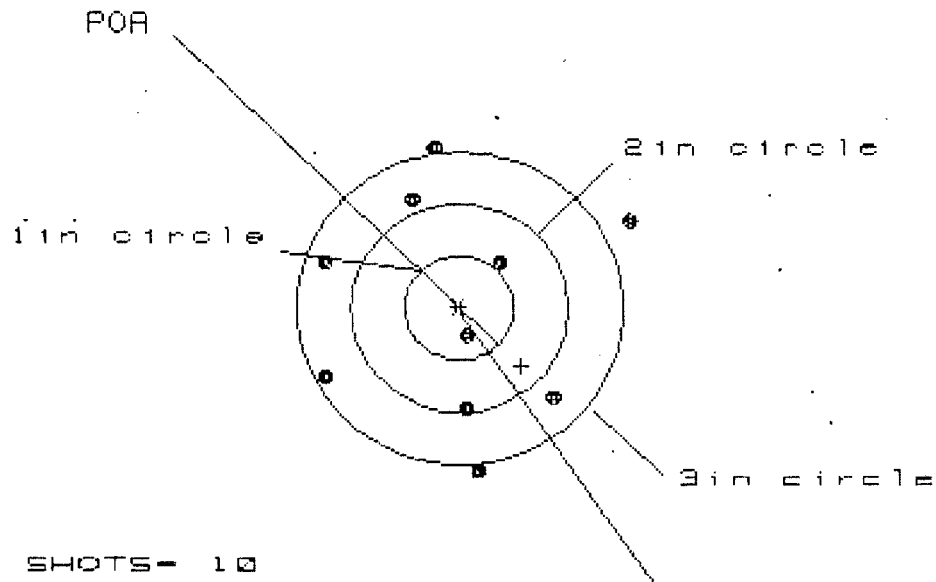
CENTROID *

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.030	.959	.995
MINIMUM X	-.986	-1.056	-1.020
MAXIMUM Y	1.329	1.148	.764
MINIMUM Y	-1.629	-1.102	-.959
CENTROID X	-.425	-.355	-.391
CENTROID Y	.002	.183	.040
POA TO CENTROID in.	.426	.400	.394
MIN RADIUS	.199	.163	.188
MEAN RADIUS	.896	.778	.727
MAX RADIUS	1.747	1.183	1.065
HORIZONTAL SPREAD	2.015	2.015	2.015
VERTICAL SPREAD	2.958	2.250	1.723
EXTREME SPREAD	3.119	2.259	2.038
NUMBER IN ONE INCH CIRCLE =	3		
NUMBER IN TWO INCH CIRCLE =	6		
NUMBER IN THREE INCH CIRCLE =	9		

2 Aug 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C6348798

CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1in = 1

2in = 3

3in = 7

HS= 2.805

VS= 3.055

GS= 3.198

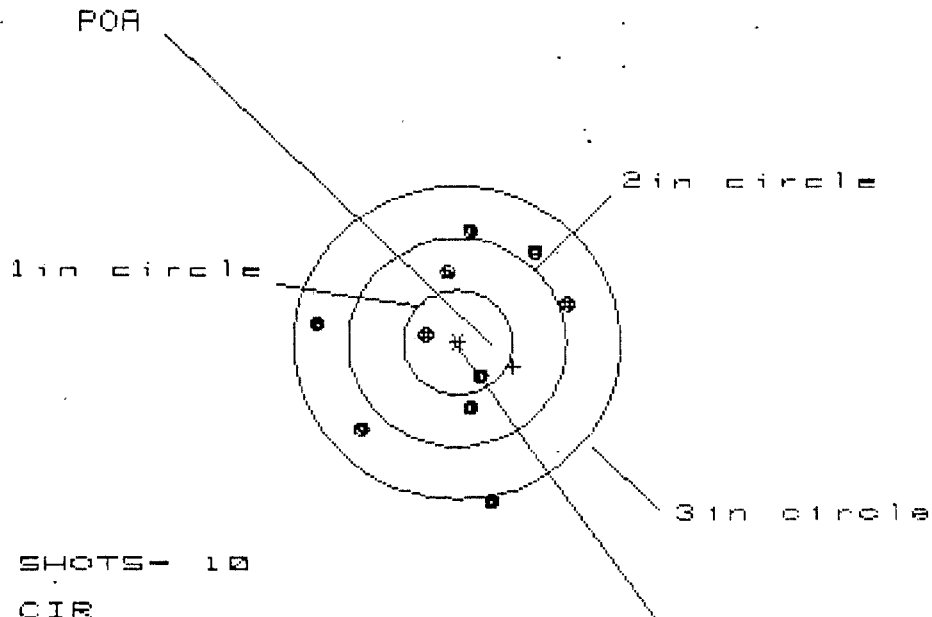
CENTROID *

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.529	1.056	1.102
MINIMUM X	:	-1.276	-1.106	-1.060
MAXIMUM Y	:	1.496	1.590	1.407
MINIMUM Y	:	-1.559	-1.465	-1.010
CENTROID X	:	-.565	-.735	-.781
CENTROID Y	:	.561	.467	.650
POA TO CENTROID in.	:	.796	.871	1.017
MIN RADIUS	:	.221	.258	.409
MEAN RADIUS	:	1.158	1.091	1.037
MAX RADIUS	:	1.745	1.590	1.433
HORIZONTAL SPREAD	:	2.805	2.162	2.162
VERTICAL SPREAD	:	3.055	3.055	2.417
EXTREME SPREAD	:	3.198	3.080	2.560
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		3	
NUMBER IN THREE INCH CIRCLE	=		7	

2 Aug 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C6348798

CENTERFIRE PATTERNS # 3



OF SHOTS- 10
 # IN CIR
 1in = 2
 2in = 4
 3in = 9
 HS= 2.228
 VS= 2.608
 GS= 2.620

CENTROID #

PATTERN #	3	3	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.986	1.025	.874
MINIMUM X	-1.242	-1.203	-.989
MAXIMUM Y	1.053	.880	.882
MINIMUM Y	-1.555	-.973	-.971
CENTROID X	-.511	-.550	-.399
CENTROID Y	.225	.398	.396
POA TO CENTROID in.	.558	.679	.563
MIN RADIUS	.292	.252	.397
MEAN RADIUS	.930	.844	.793
MAX RADIUS	1.595	1.284	1.386
HORIZONTAL SPREAD	2.228	2.228	1.863
VERTICAL SPREAD	2.608	1.853	1.853
EXTREME SPREAD	2.620	2.316	2.316
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	4		
NUMBER IN THREE INCH CIRCLE =	9		

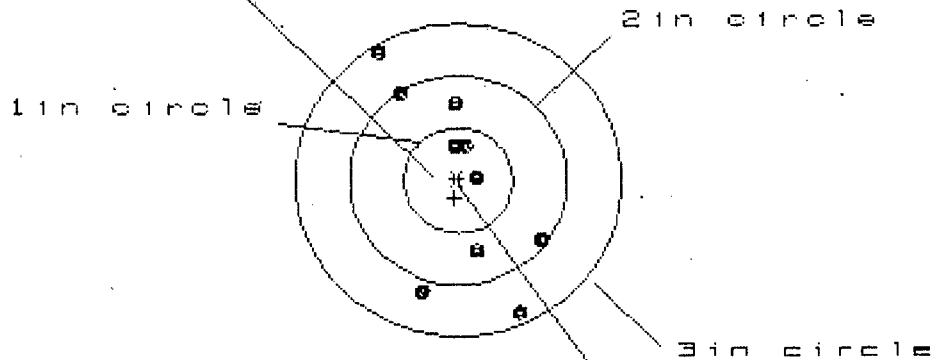
2 Aug 1999

FILE: PATTERNING/CENTERFIRE_PATT/C6348798

CENTERFIRE PATTERNS

4

POA



OF SHOTS- 10

IN CIR

1in = 3

2in = 6

3in = 10

HS= 1.550

VS= 2.485

GS= 2.793

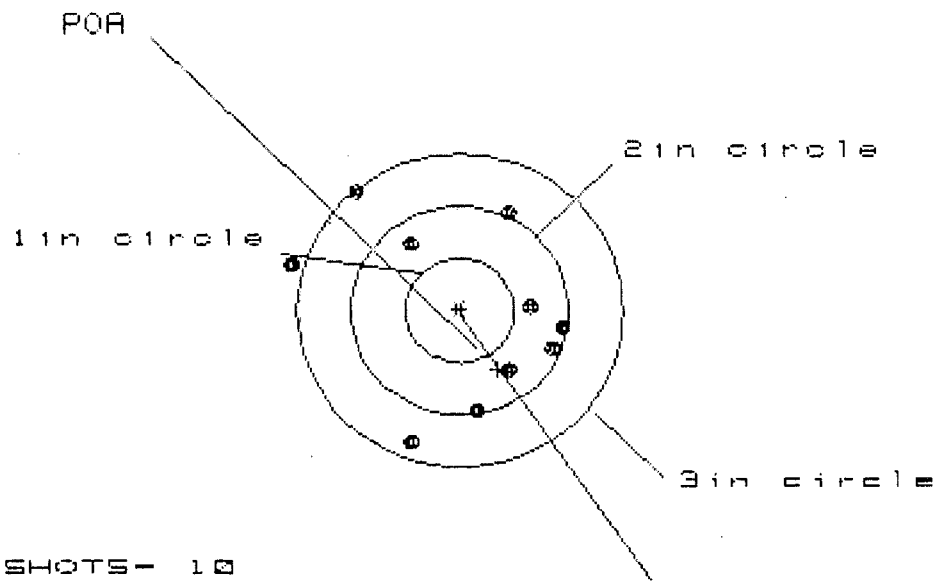
CENTROID #

PATTERN #	4	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.811	.729	.786
MINIMUM X	-.738	-.574	-.517
MAXIMUM Y	1.199	1.014	.870
MINIMUM Y	-1.286	-1.153	-1.090
CENTROID X	.034	.117	.060
CENTROID Y	.168	.035	.179
POA TO CENTROID in.	.172	.122	.189
MIN RADIUS	.192	.199	.165
MEAN RADIUS	.823	.763	.673
MAX RADIUS	1.408	1.240	1.162
HORIZONTAL SPREAD	1.550	1.303	1.303
VERTICAL SPREAD	2.485	2.167	1.960
EXTREME SPREAD	2.793	2.399	1.963
NUMBER IN ONE INCH CIRCLE =	3		
NUMBER IN TWO INCH CIRCLE =	6		
NUMBER IN THREE INCH CIRCLE =	10		

2 Aug 1985

FILE:/PATTERNING/CENTERFIRE_PATT/06348798

CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1in = 0

2in = 6

3in = 8

HS= 2.535

VS= 2.423

GS= 2.604

CENTROID *

PATTERN #	5	5	5
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.937	.759	.616
MINIMUM X	-1.598	-1.146	-.805
MAXIMUM Y	1.186	1.239	1.123
MINIMUM Y	-1.237	-1.184	-1.030
CENTROID X	-.349	-.171	-.028
CENTROID Y	.559	.506	.352
POA TO CENTROID in.	.659	.534	.353
MIN RADIUS	.656	.491	.410
MEAN RADIUS	1.058	.943	.794
MAX RADIUS	1.667	1.687	1.278
HORIZONTAL SPREAD	2.535	1.905	1.421
VERTICAL SPREAD	2.423	2.423	2.153
EXTREME SPREAD	2.604	2.481	2.312
NUMBER IN ONE INCH CIRCLE =	0		
NUMBER IN TWO INCH CIRCLE =	6		
NUMBER IN THREE INCH CIRCLE =	8		

RECEIVING AND ESTIMATING REPORT

COMMENTS

M-24 SNIPER

INITIAL JJM	CUSTOMER ORDER NO.							
DATE RECEIVED 05/29/90	DATE OPENED 05/31/90	DATE CODE	SERIAL NUMBER C6348798	MODEL AND GRADE 9999 7.62 NATO		ORDER R 90-15637		
ACCESSORIES W/STUDS		W/SWIVELS		SOFT CASE		SCOPE BASE		

FROM:	SHIP TO:
[] TRAFFIC MANAGEMENT OFFICE BLDG 1702 - BAY 3 MCGUIRE AFB NJ 08641	[] TRAFFIC MANAGEMENT OFFICE BLDG 1702 - BAY 3 MCGUIRE AFB NJ 08641

ACCOUNT NUMBER	ACCOUNT NUMBER N/C	WRITE ☐	PROM. DATE	ESTIMATED	VIA UPS
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REPAIR CHARGE	TAX	INSURANCE	UPS	PARCEL POST	TOTAL
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GUN CONDITION:

☒ NEW
 ☐ SLIGHTLY WORN
 ☐ VERY WORN
 ☐ MISUSED
 ☐ MARRED

CUSTOMER'S REQUEST

REPLACE TRIGGER Assy.

MAIN FAULT

PARTS	REPAIRMAN	PROOF	CLEAN	TEST	TARGET	PATTERN

REPAIRMAN RW	PROOF	CLEAN	TEST	TARGET	PATTERN
GALLERY TESTER	DATE	DATE	DATE	DATE	DATE

RD6925 REV. 6/88

OFFICE COPY

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

M2400064386

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. C6348798

DATE 4-9-90

TESTER JL

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.37	2.42	2.65	2.55	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.43	2.57	2.70	2.48	
PULL #3	2.44	2.46	2.60	2.04	
PULL #4	2.44	2.52	2.71	2.20	
PULL #5	2.39	2.51	2.60	2.26	
TOTAL	12.07	12.48	13.26	11.53	
AVG.	2.414	2.496	2.652	2.306	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.37	3.29		
PULL #2	3.13	3.39		
PULL #3	3.23	3.39		
PULL #4	3.34	3.09		
PULL #5	3.26	3.31		
TOTAL	16.33	16.43		
AVG.	3.266	3.286		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.13	4.35		
PULL #2	4.16	4.28		
PULL #3	4.38	4.30		
PULL #4	4.25	4.21		
PULL #5	4.29	4.33		
TOTAL	21.21	21.47		
AVG.	4.242	4.294		