

C6348995

MODEL 700™ M24

Model **SMS**™

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.



Shred®

Remington[®]


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

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

MODEL 700TM H24

01

SERIAL NO.
C6348995

ORDER NO.
5716

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



5716 C6348995

UPC



0 47700 25716 7

Arms Services Repair & Estimate System

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

Repair Inquiry

Repair Number: **RE00128533**

Serial: C6348995 Model M24 SWS Center Fire
Caliber: 7.62 NATO

Repairman:

Status:

New 4/24/2007 7:42:23 AM

Verify Repair

Address Information

Customer:

☒ Received From

Return To:

☐ Received From

Name: **ISSD ARMSROOM**

ISSD ARMSROOM

Address 1: **8TH DESERT STORM**

8TH DESERT STORM

Address 2: **BLDG 5210 BAY DOOR #30**

PO Box:

BLDG 5210 BAY DOOR #30

PO Box:

City: **FORT CAMPBELL**

FORT CAMPBELL

State: **KY**

Zip Code: **42223**

Country: **US**

State: **KY**

Zip Code: **42223**

Country: **US**

FFL:

Contact / Condition

Problems

Estimate

History / Status

Shipping / Billing

Contact Information

Phone: **NN**

Fax:

Email:

Comments:

Received Condition

Fair

Condition Notes:

CSR Notes:

Accessories Received

Code	Desc	Qty
A007	With Stud	3
A010	Hard Case	1
A017	Scope Base	1
A026	Scope	1
A045	BiPod	1
A057	Frt and Rear Sgt Base	1

Repair Search

Refresh

Close

naglet

4/24/2007

8:10 AM

CAPS

NUM

INS

SCRL

start

3 Mi...

5 In...

Arms ...

Part ...

6 Mi...

2 W...

8:10 AM

Serial Number:

C6348995

Model: **M24 SWS**



RE00128533

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6348995.___0
FILE DATE AND TIME: 06/04/2007 15:09

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.029
The Average Y Centroid of the Five Target Set:	0.015
The Average Point of Impact of the Five Target Set:	0.033
The Average Mean Radius of the Five Target Set:	0.924
The Distance from POA to Centroid Target #1:	0.316
The Distance from Centroid Target #2 to Centroid Target #1:	0.322
The Distance from Centroid Target #3 to Centroid Target #1:	0.283
The Distance from Centroid Target #4 to Centroid Target #1:	0.368
The Distance from Centroid Target #5 to Centroid Target #1:	0.570

SERIAL NUMBER: C6348995. __0

TARGET NUMBER: 1

FILE DATE: 06/04/2007

FILE TIME: 15:09

X CENTROID: 0.126

Y CENTROID: 0.290

POA TO CENTROID: 0.316

HORZ SPREAD: 2.091

VERT SPREAD: 3.947

GROUP SPREAD: 4.104

MIN RADIUS: 0.076

MAX RADIUS: 2.357

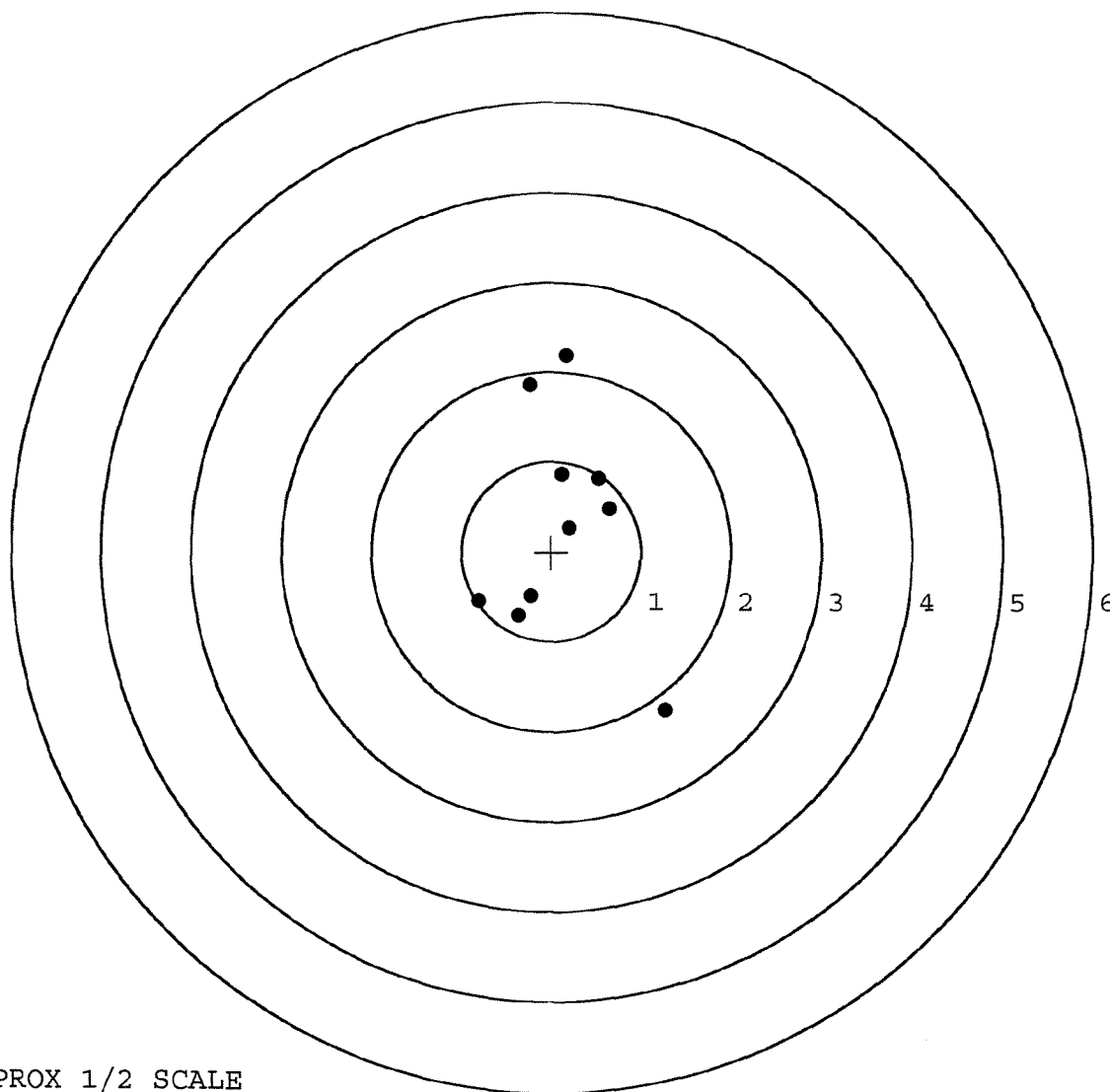
MEAN RADIUS: 1.095

IN 1 IN DIAMETER: 1

IN 2 IN DIAMETER: 5

in 3 IN DIAMETER: 7

POINT#	X	Y
1:	1.278	-1.766
2:	-0.227	-0.495
3:	-0.369	-0.718
4:	-0.813	-0.558
5:	0.200	0.271
6:	0.652	0.475
7:	0.523	0.807
8:	0.115	0.855
9:	-0.253	1.848
10:	0.155	2.181

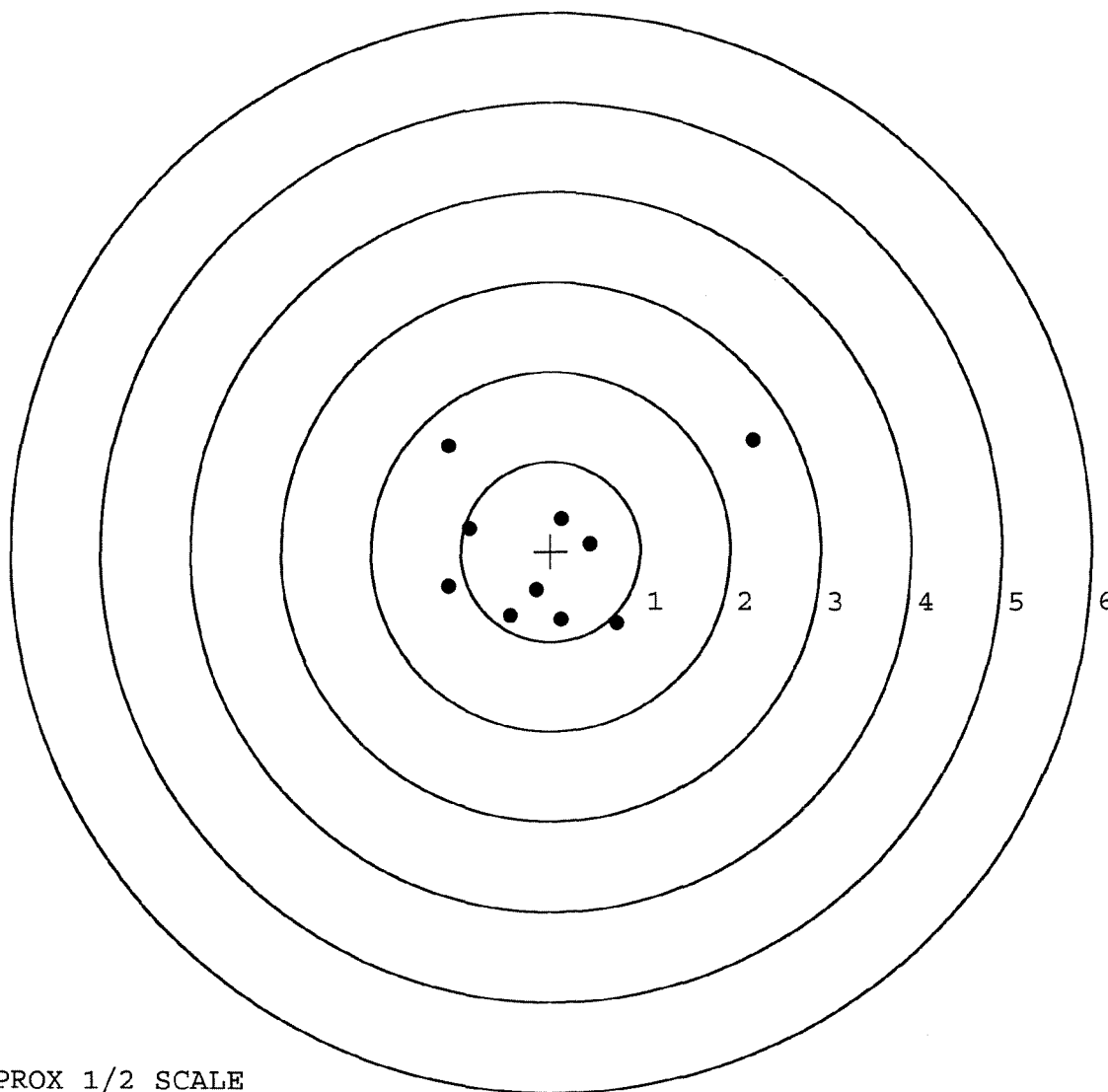


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348995. __0
TARGET NUMBER: 2
FILE DATE: 06/04/2007
FILE TIME: 15:09

X CENTROID: -0.013
Y CENTROID: -0.001
POA TO CENTROID: 0.013
HORZ SPREAD: 3.391
VERT SPREAD: 2.036
GROUP SPREAD: 3.757
MIN RADIUS: 0.384
MAX RADIUS: 2.575
MEAN RADIUS: 1.033
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 6
in 3 IN DIAMETER: 8

POINT#	X	Y
1:	0.740	-0.800
2:	0.121	-0.766
3:	-0.158	-0.428
4:	-0.447	-0.714
5:	-1.138	-0.395
6:	-0.908	0.248
7:	0.439	0.084
8:	0.123	0.358
9:	2.246	1.236
10:	-1.145	1.170

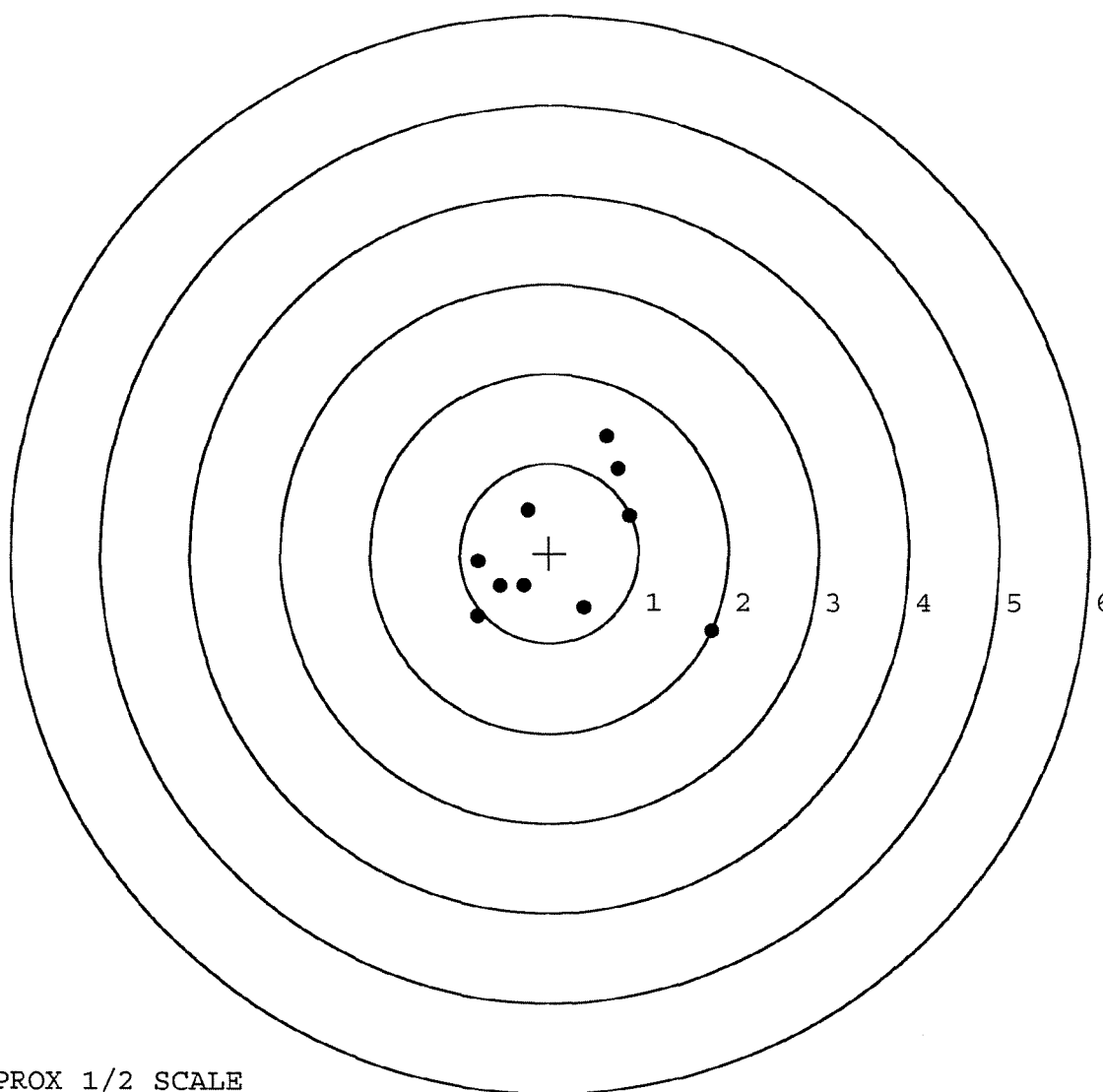


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348995. __0
TARGET NUMBER: 3
FILE DATE: 06/04/2007
FILE TIME: 15:09

X CENTROID: 0.183
Y CENTROID: 0.013
POA TO CENTROID: 0.183
HORZ SPREAD: 2.612
VERT SPREAD: 2.174
GROUP SPREAD: 2.724
MIN RADIUS: 0.605
MAX RADIUS: 1.852
MEAN RADIUS: 1.006
IN 1 IN DIAMETER: 0
IN 2 IN DIAMETER: 6
in 3 IN DIAMETER: 9

POINT#	X	Y
1:	1.810	-0.872
2:	0.895	0.417
3:	0.770	0.945
4:	0.639	1.302
5:	-0.242	0.478
6:	0.392	-0.607
7:	-0.285	-0.371
8:	-0.547	-0.369
9:	-0.800	-0.091
10:	-0.802	-0.705



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348995. __0

TARGET NUMBER: 4

FILE DATE: 06/04/2007

FILE TIME: 15:09

POINT#	X	Y
1:	0.034	1.451
2:	-0.490	0.573
3:	-0.090	0.366
4:	-0.250	0.270
5:	-0.532	0.028
6:	0.531	0.329
7:	0.344	-0.542
8:	0.562	-0.939
9:	-0.404	-0.471
10:	-1.090	-0.721

X CENTROID: -0.138

Y CENTROID: 0.034

POA TO CENTROID: 0.143

HORZ SPREAD: 1.652

VERT SPREAD: 2.390

GROUP SPREAD: 2.448

MIN RADIUS: 0.261

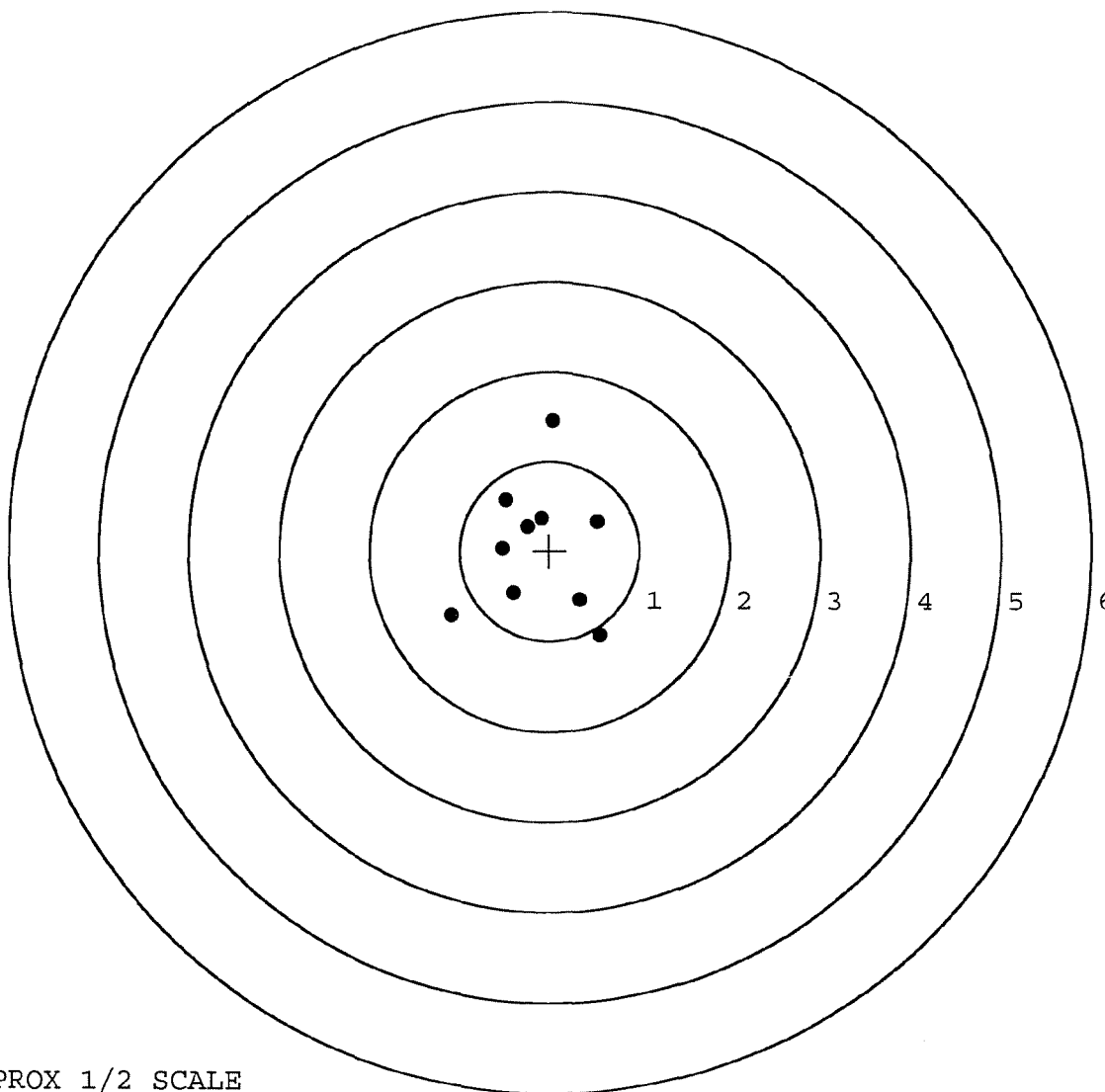
MAX RADIUS: 1.427

MEAN RADIUS: 0.753

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 10

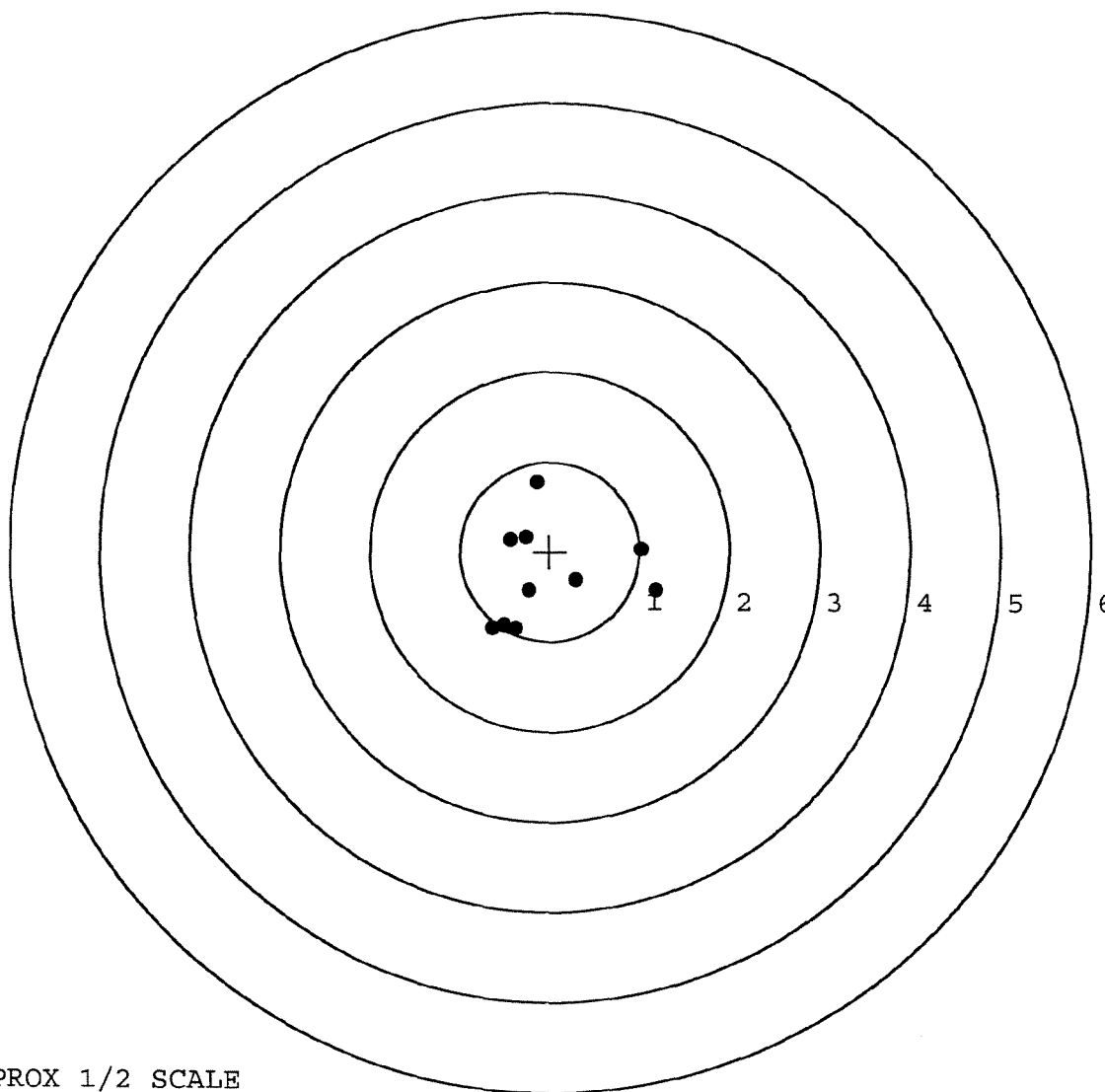


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348995. __0
TARGET NUMBER: 5
FILE DATE: 06/04/2007
FILE TIME: 15:09

POINT#	X	Y
1:	1.183	-0.428
2:	1.019	0.032
3:	0.296	-0.317
4:	-0.228	-0.438
5:	-0.379	-0.866
6:	-0.637	-0.856
7:	-0.446	0.133
8:	-0.150	0.771
9:	-0.511	-0.824
10:	-0.267	0.159

X CENTROID: -0.012
Y CENTROID: -0.263
POA TO CENTROID: 0.264
HORZ SPREAD: 1.820
VERT SPREAD: 1.637
GROUP SPREAD: 1.870
MIN RADIUS: 0.278
MAX RADIUS: 1.206
MEAN RADIUS: 0.731
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 7
in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

M-24 INSPECTION CHECKLIST
CONTRACT #: DAAE-20-02-C-0149

R & E NUMBER		128533	
SERIAL NUMBER		C6348995	
LOG-IN DATE		4-24-07	

OPERATION #	OPERATION NAME	DATE	INITIAL
500	DIS-ASSEMBLE GUN	5-15-07	RTZ
505	RE-BARREL	5-18-07	RTZ
560	ASSEMBLE	5-18-07	RTZ
600	PROOF	5-18-07	TRW
605	CHECK HEADSPACE	5-18-07	TRW
610	DIS-ASSEMBLE GUN	5-21-07	RTZ
612	MAGNAFLUX	5-21-07	mmms
510	DRILL AND TAP	5-21-07	TRW
615	ROLLMARK CALIBER	5-21-07	CW
618	ROTO-BLAST	5-22-07	CB
620	APPLY COATINGS	5-24-07	WJ
625	FINAL ASSEMBLY	6-1-07	RR
640	FUNCTION TEST AND	(PASS) FAIL	6-4-07 TRW
650	TARGET	(PASS) FAIL	6-4-07 TRW
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
670	FINAL INSPECTION		6-4-07 Fm
	A) HEADSPACE	(PASS) FAIL	6-8-07 RTZ
	B) TRIGGER PULL	2.28 2.39 2.43 2.51 2.52	6-5-07 TRW
680	F) SAFETY ON FORCE	5.5 5.5 5.5	6-5-07 PA
	G) SAFETY OFF FORCE	3.5 3.5 3.5	6-5-07 PA
	I) FIRING PIN INDENT	.023 .023 .023	6-5-07 PA
690	PACK		6-8-07 PA

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6348995

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	3 31	50	RW
600	Proof	3 31	50	RW
607	Check Headspace	3 31	90	RW
610	Dis-assemble Gun	3 31	90	RW
612	Magnaflux Barrel Action	4-2-90		KCR
	Magnaflux Bolt	4-2-90		KCR
615	Rollmark Caliber	4-2-90		SL
617	Drill and Tap Sight Holes		4/4/90	FB
618	Polish Barrel RB		4/3/90	WB
620	Apply Coatings (Barrel Action)		4-9-90	TJA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		4/18/90	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		4/18/90	RW
	C) Inspect Ejector Hole for Chamfer		4/18/90	RW
	D) Oil Firing Pin Ass'y		4/18/90	RW
	E) Adjust Trigger Pull to Min Setting and Stake		5/1/90	RL

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	4	4	4			5/2/90	QJ
	G) Safety Off Force	2	2	2			5/2/90	QJ
	H) Trigger Pull Test & Retainability						5/1/90	QJ
	I) Firing Pin Indent	.021	.0225	.0225			5/2/90	QJ
	J) Assemble Stock						5/3/90	RW
	K) Assemble Swivel Studs						5/11/90	WB
	L) Attach Front and Rear Sight Assemblies						5/3/90	RW
	M) Iron Sight Alignment						5/3/90	RW
	N) Detach Front & Rear Sights & place in numbered container						5/3/90	RW
	O) Attach Scope to Rifle						5/3/90	QJ
	P) Detach & Attach Scope 20 Times						5/3/90	QJ
640	Gallery Target & Test						5-4-90	DH
	A) Time						5-4-90	DH
	B) Malfunctions						5-4-90	DH
	C) Pierced Primers						5-4-90	DH
	D) Optical Clarity of Scope						5-4-90	DH
645	Inspect for Live Ammo						5-4-90	DH
655	Final Inspection						5/11/90	WB
	A) Headspace							
	B) Trigger Pull	2.65	2.67	2.69	2.62	2.59	5/11/90	WB
	C) Function						5/11/90	WB
660	Pack						6-20-90	DH

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# + .50#
3.00# + .75#
4.00# + 1.00#

SERIAL NO. 06348995

DATE 5/1/90

TESTER Jef

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.57	2.26	2.34	2.65	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.49	2.11	2.40	2.67	
PULL #3	2.47	2.54	2.20	2.69	
PULL #4	2.50	2.55	2.13	2.62	
PULL #5	2.33	2.19	2.13	2.59	
TOTAL	12.36	11.65	11.20		
AVG.	2.472	2.33	2.24		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.58	3.47		
PULL #2	3.43	3.47		
PULL #3	3.54	3.51		
PULL #4	3.56	3.35		
PULL #5	3.40	3.35		
TOTAL	17.51	17.15		
AVG.	3.502	3.43		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.39	4.27		4.26
PULL #2	4.40	4.10		4.23
PULL #3	4.40	4.24		4.45
PULL #4	4.32	4.28		4.30
PULL #5	4.39	4.17		4.31
TOTAL	21.90	21.11		21.55
AVG.	4.38	4.222		4.31

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6348995
7 May 1990

CENTROIDAL DISTANCES

0 TO 1	.382845
1 TO 2	.476366
1 TO 3	.43203
1 TO 4	.343945
1 TO 5	.287237

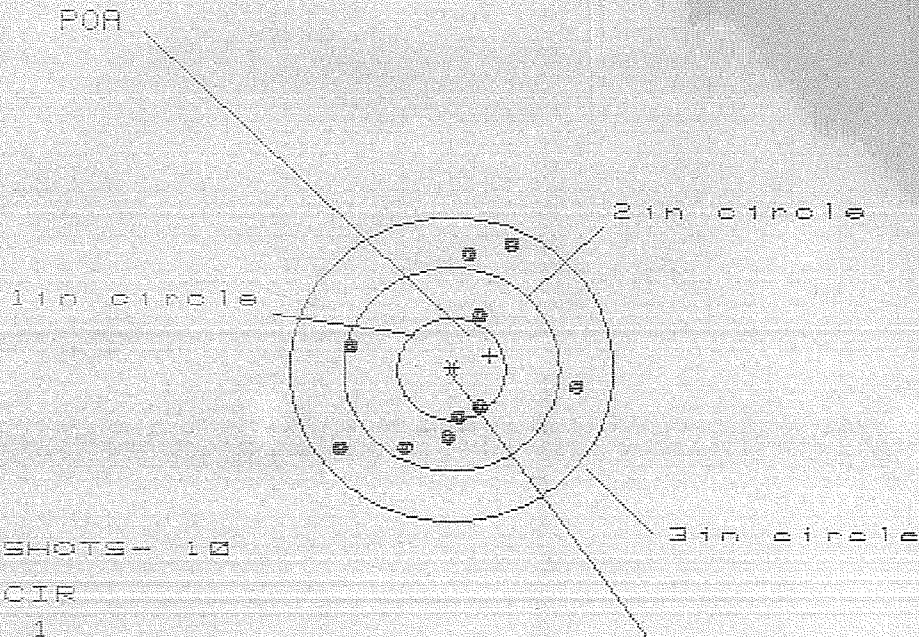
 (----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.112
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0216
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .114064
THE AMR FOR THIS RIFLE IS: .9006

7 May 1998

FILE:/PATTERNING/CENTERFIRE_PATT/00140355

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1in = 1

2in = 6

3in = 10

HS= 2.244

VS= 2.046

ES= 2.560

CENTROID #

PATTERN #	1	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.185	1.244	1.119
MINIMUM X	-1.059	-1.000	-1.011
MAXIMUM Y	1.248	1.288	1.211
MINIMUM Y	-0.798	-0.659	-0.736
CENTROID X	-0.359	-0.418	-0.293
CENTROID Y	-0.133	-0.272	-0.195
POA TO CENTROID in.	.383	.499	.353
MIN RADIUS	.445	.388	.357
MEAN RADIUS	.906	.828	.784
MAX RADIUS	1.359	1.301	1.213
HORIZONTAL SPREAD	2.244	2.244	2.131
VERTICAL SPREAD	2.046	1.947	1.947
EXTREME SPREAD	2.560	2.326	2.158
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	6		
NUMBER IN THREE INCH CIRCLE =	10		

7 May 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C634B995

CENTERFIRE PATTERNS

2

POA

1 in circle

2 in circle

3 in circle

OF SHOTS = 10

IN CIR

1 in = 1

2 in = 5

3 in = 10

HS = 2.331

VS = 2.160

CS = 2.542

CENTROID *

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.103	1.169	1.024
MINIMUM X	-1.228	-1.162	-.977
MAXIMUM Y	.931	.794	.724
MINIMUM Y	-1.229	-.668	-.738
CENTROID X	.086	.020	.165
CENTROID Y	.037	.174	.243
POA TO CENTROID in.	.094	.175	.294
MIN RADIUS	.284	.399	.339
MEAN RADIUS	.958	.904	.845
MAX RADIUS	1.367	1.289	1.174
HORIZONTAL SPREAD	2.331	2.331	2.001
VERTICAL SPREAD	2.160	1.462	1.462
EXTREME SPREAD	2.542	2.542	2.248
NUMBER IN ONE INCH CIRCLE =		1	
NUMBER IN TWO INCH CIRCLE =		5	
NUMBER IN THREE INCH CIRCLE =		10	

7 May 1998

FILE:/PATTERNING/CENTERFIRE_PATT/0834B995

CENTERFIRE PATTERNS

3

POA

1in circle

2in circle

3in circle

OF SHOTS= 10

IN CIR

1in = 1

2in = 8

3in = 10

HS= 2.045

VS= 1.926

ES= 2.647

CENTROID *

PATTERN #

3

SHOTS (BEST OF)

10

9

8

MAXIMUM X

1.168

.841

.748

MINIMUM X

-.877

-.747

-.487

MAXIMUM Y

.953

1.031

.919

MINIMUM Y

-.973

-.895

-.931

CENTROID X

.062

-.068

.025

CENTROID Y

-.036

-.114

-.003

POA TO CENTROID in.

.071

.133

.025

MIN RADIUS

.256

.369

.281

MEAN RADIUS

.819

.748

.688

MAX RADIUS

1.365

1.165

.975

HORIZONTAL SPREAD

2.045

1.588

1.235

VERTICAL SPREAD

1.926

1.926

1.850

EXTREME SPREAD

2.647

2.064

1.860

NUMBER IN ONE INCH CIRCLE =

1

NUMBER IN TWO INCH CIRCLE =

8

NUMBER IN THREE INCH CIRCLE =

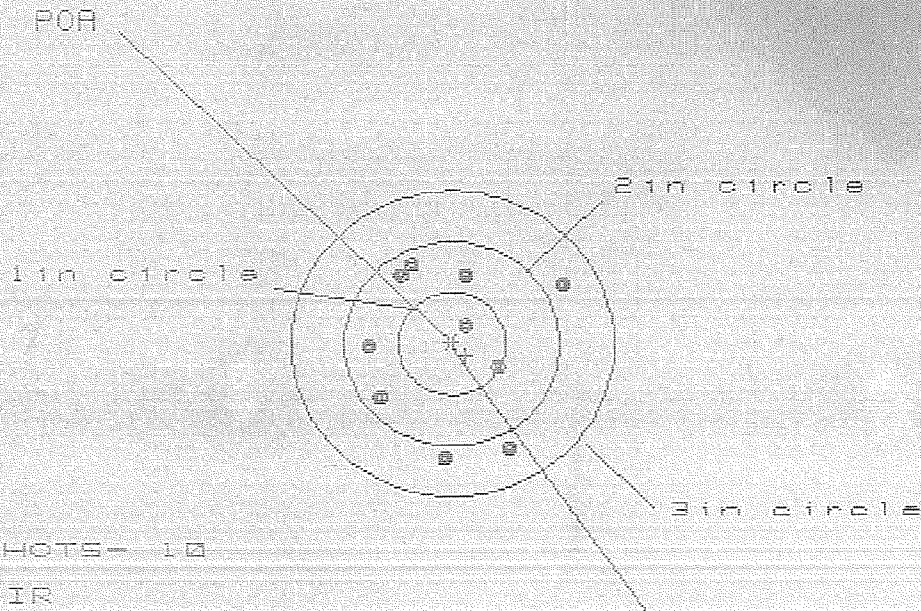
10

7 May 1990

FILE:/PATTERNING/CENTERFIRE_PATT/C634B995

CENTERFIRE PATTERNS

4



OF SHOTS - 10

IN CIR

1 in = 1

2 in = 7

3 in = 10

HS = 1.770

VS = 1.912

GS = 2.076

CENTROID #

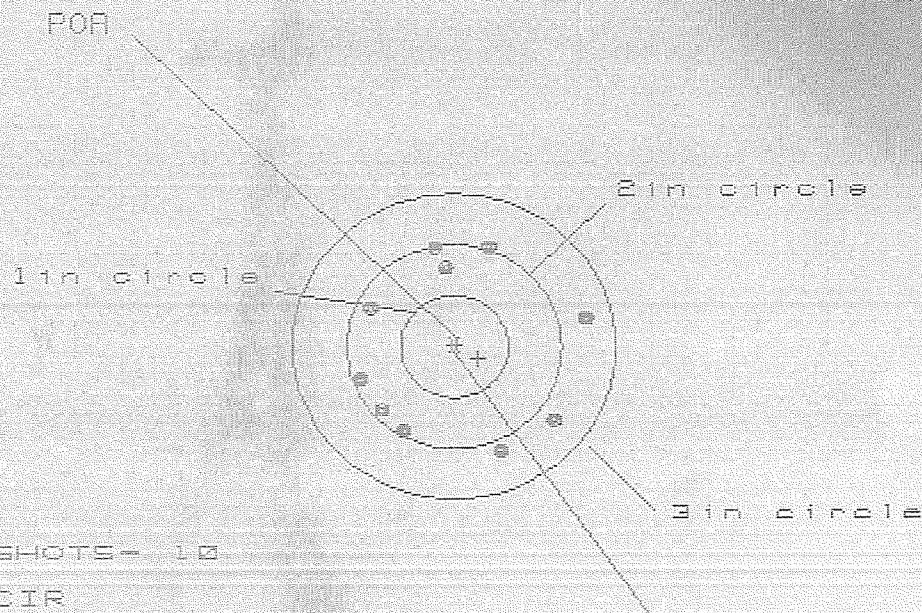
PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.033	.635	.641
MINIMUM X	:	-.737	-.622	-.616
MAXIMUM Y	:	.761	.828	.693
MINIMUM Y	:	-1.151	-1.084	-1.061
CENTROID X	:	-.126	-.241	-.247
CENTROID Y	:	.120	.053	.188
POA TO CENTROID IN.	:	.174	.246	.310
MIN RADIUS	:	.283	.410	.334
MEAN RADIUS	:	.825	.784	.722
MAX RADIUS	:	1.200	1.122	1.240
HORIZONTAL SPREAD	:	1.770	1.257	1.257
VERTICAL SPREAD	:	1.912	1.912	1.754
EXTREME SPREAD	:	2.076	1.951	1.951
NUMBER IN ONE INCH CIRCLE =			1	
NUMBER IN TWO INCH CIRCLE =			7	
NUMBER IN THREE INCH CIRCLE =			10	

7 May 1990

FILE:/PATTERNING/CENTERFIRE_PATT/C6348985

CENTERFIRE PATTERNS

5



OF SHOTS- 10

IN CIR

1in = 0

2in = 5

3in = 10

HS= 2.073

VS= 2.080

AS= 2.164

CENTROID *

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.236	1.071	.674
MINIMUM X	:	-.837	-.700	-.566
MAXIMUM Y	:	1.025	1.059	.978
MINIMUM Y	:	-1.055	-1.021	-1.102
CENTROID X	:	-.223	-.361	-.495
CENTROID Y	:	.120	.086	.167
POA TO CENTROID (in.)	:	.254	.371	.522
MIN RADIUS	:	.760	.747	.592
MEAN RADIUS	:	.995	.944	.879
MAX RADIUS	:	1.274	1.253	1.292
HORIZONTAL SPREAD	:	2.073	1.771	1.240
VERTICAL SPREAD	:	2.080	2.080	2.080
EXTREME SPREAD	:	2.164	2.164	2.164
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		10	

RECEIVING AND ESTIMATING REPORT

COMMENTS

ORDER

R 95-30912

INITIAL
JJM

CUSTOMER ORDER NO.

W/LEUPOLD 10X SCOPE

Scope 89-1362

DATE RECEIVED
12/04/95

DATE OPENED
12/05/95

DATE CODE

SERIAL NUMBER

C6348995

NEW SERIAL NUMBER

MODEL AND GRADE

700 7.62

NATO

ACCESSORIES

HARD CASE

SCOPE MNTS

SCOPE BASE

FROM:

TRANSPORTATION OFFICE
FT CAMPBELL

KY 42223

SHIP TO:

TRANSPORTATION OFFICE
FT CAMPBELL

KY
42223

Night Vision Base

CUST NO: 087942 C.O.D.L

ACCOUNT NUMBER

ACCOUNT NUMBER N/C

WRITE ☐

PROM. DATE

ESTIMATED

VIA

UPS

GUN CONDITION

- ☐ NEW
- ☐ LIGHTLY WORN
- ☐ WORN
- ☐ VERY WORN
- ☐ UNREPAIRABLE
- ☐ MARRED

REPAIR CHARGE

EXCISE

TAX

INSURANCE

UPS

PARCEL POST

TOTAL

CUSTOMER CONCERN

AMMO

FUNCTION

FINISH

ACCURACY

FIT

INSPECT

CYCLE

A1

B1

TRIGGER GROUP

B2

BOLT ASSY.

B3

BARREL ASSY.

B4

REC. ASSY.

B5

WOOD

C1

D3

METAL

C2

MAIN FAULT

PARTS

COMMENTS

Barrel 96003
mag Spring 15677

Repowder Coat Trigger Guard
Assy, Front or Rear Sight Bases
Re Zine, Scope Base, Rings &
Swivel Studs.

Scope sent back to Vendor
to be checked

REPAIRMAN

PROOF

CLEAN

TEST

TARGET

PATTERN

GALLERY TESTER

DATE

DATE

DATE

DATE

DATE

OFFICE COPY

RD6925 REV. 1/94

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

M2400043562

Final Inspection

Sn: C6348995

DATE REC'D: 12/04/95

DATE RET'D:

AUDITOR: AW

Item:

BARREL ASSY.

☒ BARREL☒ RECEIVER☒ FRONT SIGHT BLOCK☒ REAR SIGHT BLOCK☒ SCREWS☒ FINISH

SCOPE ASSY.

☒ SCOPE☒ SCOPE RINGS☒ MOUNTING SCREWS☒ MOUNTING BASE☒ SCREWS☒ FINISH☒ LOOSENESS☒ CLARITY

MISC.

☐ DD-250☐ BAR CODE☐ PACKAGING

Item:

STOCK ASSY.

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

SYSTEMS CASE

☐ SCOPE CASE☐ IRON SIGHTS☐ DEPLOYMENT KIT

TRIGGER

☒ SAFETY OPERATION☒ SET

Comments:

New Barrel

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6348995

OP. #	OP. NAME	READINGS	DATE	INITIAL
575 & 580	Assemble Action and Stock		12/21/95	RW
600	Proof		12/21/95	RW
607	Check Headspace		12/21/95	RW
610	Dis-assemble Gun		12/21/95	RW
612	Magnaflux Barrel Action			
	Magnaflux Bolt			
615	Rollmark Caliber			
617	Drill and Tap Sight Holes			
618	Polish Barrel			
620	Apply Coatings (Barrel Action)			
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		1/5/96	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		1/5/96	RW
	C) Inspect Ejector Hole for Chamfer		1/5/96	RW
	D) Oil Firing Pin Ass'y		1/5/96	RW
	E) Adjust Trigger Pull to Min Setting and Stake			

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force							
	G) Safety Off Force							
	H) Trigger Pull Test & Retainability							
	I) Firing Pin Indent							
	J) Assemble Stock							
	K) Assemble Swivel Studs							
	L) Attach Front and Rear Sight Assemblies							
	M) Iron Sight Alignment							
	N) Detach Front & Rear Sights & place in numbered container							
	O) Attach Scope to Rifle							
	P) Detach & Attach Scope 20 Times							
640	Gallery Target & Test						1/6/96	WBB
	A) Time							
	B) Malfunctions							
	C) Pierced Primers							
	D) Optical Clarity of Scope							
645	Inspect for Live Ammo						1/6/96	WBB
655	Final Inspection							
	A) Headspace						1/10/96	RW
	B) Trigger Pull	2.87	2.86	2.87	2.87	2.90	1/10/96	RW
	C) Function						1/10/96	RW
660	Pack							

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06348995
7 Jan 1900

CENTROIDAL DISTANCES

0 TO 1	.292746
1 TO 2	.241002
1 TO 3	.529506
1 TO 4	1.00692
1 TO 5	.551744

9+¹² <----POA
4

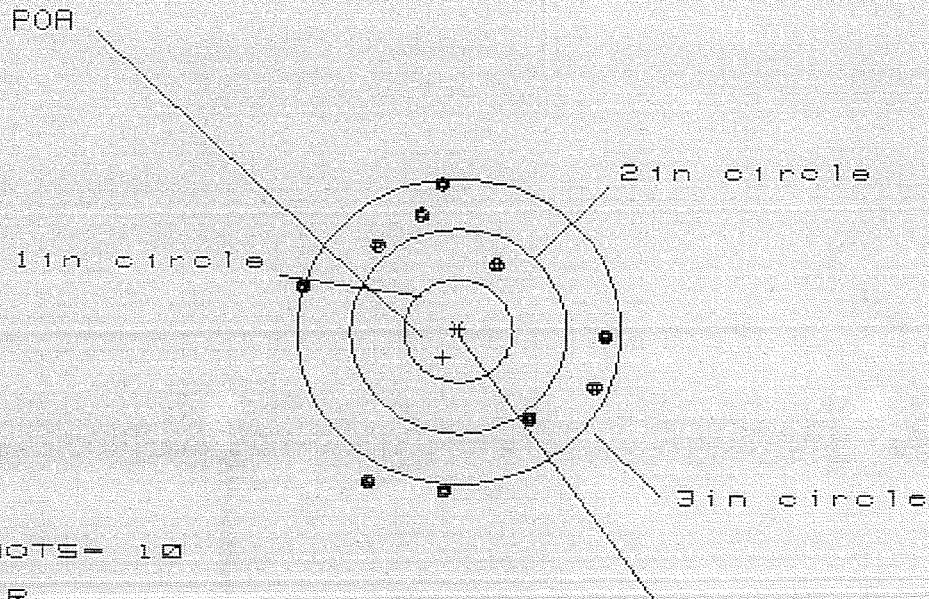
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0728
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0404
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0832586

THE AMR FOR THIS RIFLE IS: 1.264

7 Jan 1988

FILE:/PATTERNING/CENTERFIRE_PATT/C634B395.1

CENTERFIRE PATTERNS # 1



OF SHOTS= 10
 # IN CIR
 1in = 0
 2in = 1
 3in = 7
 HS= 2.852
 VS= 2.998
 GS= 2.999

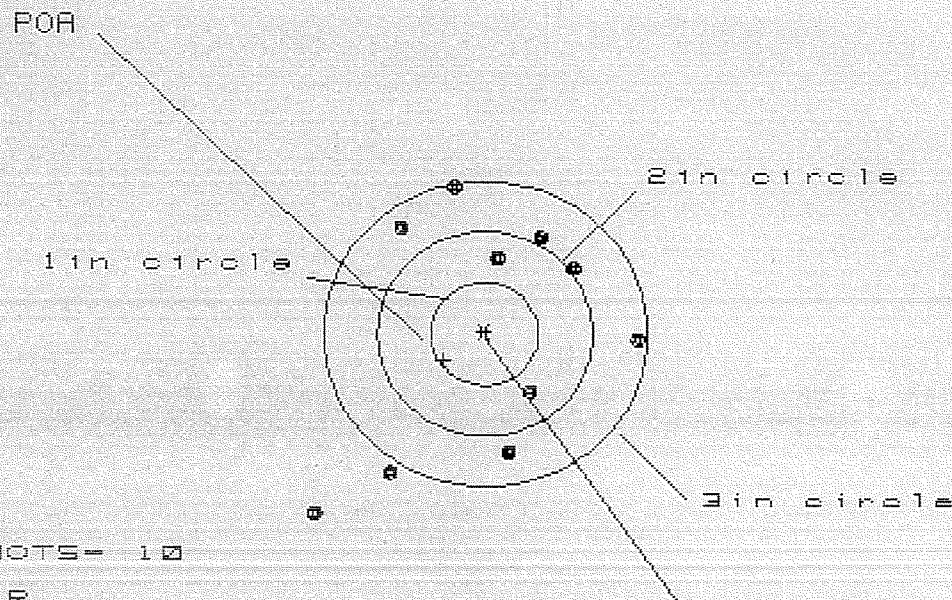
CENTROID *

PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.376	1.281	1.253
MINIMUM X	:	-1.476	-1.571	-1.599
MAXIMUM Y	:	1.394	1.231	1.010
MINIMUM Y	:	-1.604	-1.767	-1.214
CENTROID X	:	.142	.237	.265
CENTROID Y	:	.256	.419	.640
POA TO CENTROID in.	:	.293	.482	.693
MIN RADIUS	:	.766	.577	.388
MEAN RADIUS	:	1.322	1.249	1.137
MAX RADIUS	:	1.703	1.781	1.602
HORIZONTAL SPREAD	:	2.852	2.852	2.852
VERTICAL SPREAD	:	2.998	2.998	2.224
EXTREME SPREAD	:	2.999	2.999	2.957
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		1	
NUMBER IN THREE INCH CIRCLE	=		7	

7 Jan 1988

FILE:/PATTERNING/CENTERFIRE_PATT/06340995.1

CENTERFIRE PATTERNS # 2



OF SHOTS= 10

IN CIR

1in = 0

2in = 3

3in = 8

HS= 2.990

VS= 3.140

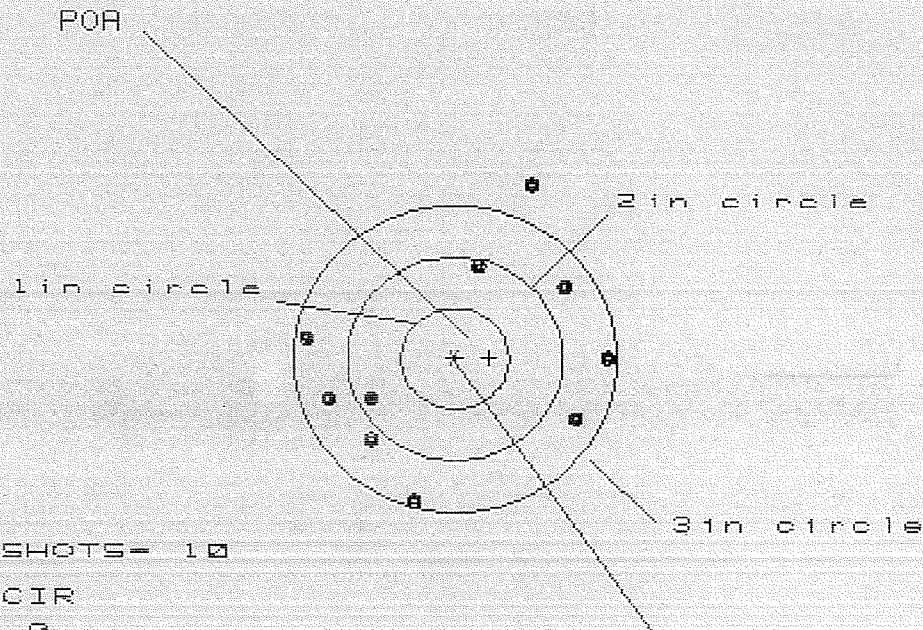
GS= 3.402

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.447	1.276	1.139
MINIMUM X	:	-1.543	-1.094	-1.139
MAXIMUM Y	:	1.430	1.240	1.052
MINIMUM Y	:	-1.710	-1.507	-1.556
CENTROID X	:	.383	.554	.691
CENTROID Y	:	.257	.447	.635
POA TO CENTROID in.	:	.461	.712	.939
MIN RADIUS	:	.668	.586	.425
MEAN RADIUS	:	1.292	1.126	.978
MAX RADIUS	:	2.303	1.862	1.557
HORIZONTAL SPREAD	:	2.990	2.370	2.278
VERTICAL SPREAD	:	3.140	2.747	2.608
EXTREME SPREAD	:	3.402	2.819	2.665
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		3	
NUMBER IN THREE INCH CIRCLE	=		8	

7 Jan 1908

FILE:/PATTERNING/CENTERFIRE_PATT/C6348995.1

CENTERFIRE PATTERNS # 3



OF SHOTS= 10

IN CIR

1 in = 0

2 in = 2

3 in = 8

HS= 2.725

VS= 3.070

GS= 3.262

CENTROID #

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.384	1.467	1.433
MINIMUM X	:	-1.341	-1.258	-1.292
MAXIMUM Y	:	1.680	1.128	.977
MINIMUM Y	:	-1.390	-1.203	-.787
CENTROID X	:	-.317	-.400	-.366
CENTROID Y	:	-.008	-.195	-.044
POA TO CENTROID in.:	:	.317	.445	.369
MIN RADIUS	:	.895	.759	.836
MEAN RADIUS	:	1.274	1.188	1.180
MAX RADIUS	:	1.838	1.487	1.436
HORIZONTAL SPREAD	:	2.725	2.725	2.725
VERTICAL SPREAD	:	3.070	2.331	1.764
EXTREME SPREAD	:	3.262	2.729	2.729
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		2	
NUMBER IN THREE INCH CIRCLE	=		9	

7 Jan 1968

FILE:/PATTERNING/CENTERFIRE_PATT/CG34B995.1

CENTERFIRE PATTERNS # 4

POA

1 in circle

2 in circle

3 in circle

OF SHOTS= 10

IN CIR

1 in = 1

2 in = 4

3 in = 7

HS= 2.884

VS= 3.018

GS= 3.146

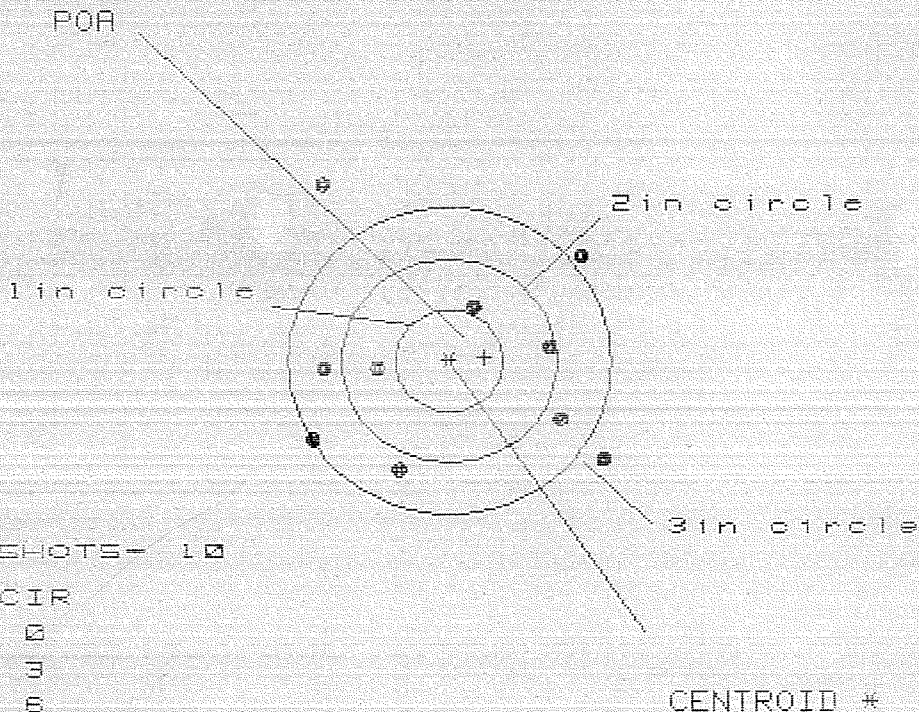
CENTROID *

PATTERN #	:	4	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.299	1.304	1.316
MINIMUM X	:	-1.585	-1.580	-1.417
MAXIMUM Y	:	1.800	1.224	1.094
MINIMUM Y	:	-1.218	-1.018	-.865
CENTROID X	:	-.244	-.249	-.412
CENTROID Y	:	-.674	-.874	-1.027
POA TO CENTROID in.	:	.717	.909	1.107
MIN RADIUS	:	.187	.371	.516
MEAN RADIUS	:	1.176	1.084	.966
MAX RADIUS	:	1.801	1.789	1.711
HORIZONTAL SPREAD	:	2.884	2.884	2.733
VERTICAL SPREAD	:	3.018	2.242	1.959
EXTREME SPREAD	:	3.146	3.146	2.901
NUMBER IN ONE INCH CIRCLE =	:	1		
NUMBER IN TWO INCH CIRCLE =	:	4		
NUMBER IN THREE INCH CIRCLE =	:	7		

7 Jan 1988

FILE:/PATTERNING/CENTERFIRE_PATT/C6346995.1

CENTERFIRE PATTERNS # 5



OF SHOTS = 10

IN CIR

1 in = 0

2 in = 3

3 in = 6

HS = 2.770

VS = 2.802

GS = 3.708

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.452	1.327	1.250
MINIMUM X	:	-1.318	-1.443	-1.278
MAXIMUM Y	:	1.720	1.218	1.123
MINIMUM Y	:	-1.082	-0.890	-0.985
CENTROID X	:	-0.328	-0.203	-0.368
CENTROID Y	:	-0.033	-0.225	-0.130
POA TO CENTROID in.	:	.329	.302	.391
MIN RADIUS	:	.599	.763	.592
MEAN RADIUS	:	1.258	1.161	1.097
MAX RADIUS	:	2.056	1.631	1.681
HORIZONTAL SPREAD	:	2.770	2.770	2.528
VERTICAL SPREAD	:	2.802	2.108	2.108
EXTREME SPREAD	:	3.708	3.092	3.092
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		3	
NUMBER IN THREE INCH CIRCLE	=		6	

95B

MAINTENANCE REQUEST				PAGE NO. 1	NO. OF PAGES 1	REQUIREMENTS CONTROL SYMBOL CSGLD - 1047(R1)			
For use of this form, see DA PAM 738-750; the proponent agency is DCSLOG									
SECTION I - EQUIPMENT DATA									
CONTROL NUMBER		WORK ORDER NO.		WESDC		ORG. PD		PD AUTHENTICATION	
☐ Work Request ☐ MWO ☒ Warranty Claim		1A. ORGANIZATION Cco 3/5 SFC		B. LOCATION Ft. Campbell KY 42223		C. UNIT IDENT CODE WHOGCO			
2. SERIAL NO. C6348995		3. NOUN NOMENCLATURE 7.62 Sniper Rifle M24		4. LINE NO. R95387		5. MODEL M24		6. NATIONAL STOCK NUMBER 1005-01-240-2136	
7A. MAINTENANCE ACTIVITY IMO		B. LEVEL		8. UTILIZATION CODE		9A. MCSR ITEM		9B. ERC	
14. FAILURE DETECTED DURING (Select one - use ☒ or X)		15. FIRST INDICATION OF TROUBLE (Select one - use ☒ or X)							
☐ A Sch. Main. ☐ B Handling		☐ C Test ☐ D Normal Op		☐ E Storage ☐ F Inspection		☐ G Flight ☒ H Other		☐ 068 Inoperative ☐ 008 Noisy	
								☐ 258 Overheating ☐ 387 Low Performance	
								☐ 790 Out of Adjustment ☒ Other	
16A. DESCRIBE DEFICIENCIES OR SYMPTOMS ON THE BASIS OF COMPLETE CHECKOUT AND DIAGNOSTIC PROCEDURE IN EQUIPMENT TM (Do not prescribe repairs) 5,050 Rounds Fired									
B. REMARKS 0524095345 H245									
PREPARATION INSTRUCTIONS (Prior to using this form, read DA PAM 738-750 for detailed preparation instructions)									
1. Place a "✓" or an "X" in the box for the type of action required. 2. Enter the WESDC if the item is Materiel Condition Status Reportable. 3. Enter the priority designator as determined from the urgency of need and force activity designator. 4. The Unit Commander, Chief of TDA activity or their designated representative will authenticate, by signature, a priority of 01 through 08. 5. Block 1A. Enter the name of the organization submitting the request. 6. Block 1B. Enter the unit submitting the request; units overseas enter APO only. 7. Block 1C. Enter the unit identification code of the unit in block 1A. 8. Block 2. Enter the equipment serial number. For ammunition, enter the lot number. For administrative-use vehicles, enter the USA registration number. 9. Block 3. Enter the noun abbreviation of the item. 10. Block 4. Enter the item line number, if applicable. 11. Block 5. Enter the model number. 12. Block 6. Enter the National Stock Number of the item listed in Block 3.					13. Block 7. Enter the name of the support activity. 14. Block 7A. Enter the symbol of the maintenance category (O, F, H, D, or L). 15. Block 8. Enter the utilization code. 16. Block 9A. Enter the word "yes" if the item is Materiel Condition Status Reportable. 17. Block 9B. Enter the equipment readiness code, if applicable. 18. Block 9C. Enter the word "yes" if the item is a pacing item. 19. Block 10. Enter the hour reading, if applicable. 20. Block 11. Enter the mileage from the odometer, if applicable. 21. Block 12. Enter the total rounds fired, if applicable. 22. Block 13. For turbine engines, enter the number of hot starts. 23. Block 14. Enter a "✓" or "X" in the proper block. 24. Block 15. Enter a "✓" or "X" in the proper block. 25. Block 16. Describe briefly the fault or symptoms needing correction.				
23. SUBMITTED BY Tony J. Valdez JULIAN DATE					24. RECEIVED BY Tony J. Valdez JULIAN DATE				

DA FORM 2407, AUG 88

EDITION OF MAY 81 MAY BE USED

RECEIPT COPY 1