

CE594529

MODEL 700™ M24

Model SMS™

Action

Barrel Length

Capacity

Order No. 5716

*Includes 1 in chamber.



Address Information				Address Information			
Customer:		Received From:		Return To:		Received From:	
Name:	TMO 436 APS TRTD FB 4497			Name:	TMO 436 APS TRTD FB 4497		
Address 1:	505 ATLANTIC ST			Address 1:	505 ATLANTIC ST		
Address 2:		PO Box:		Address 2:		PO Box:	
City:	DOVER AFB			City:	DOVER AFB		
State:	DE	Zip Code:	19902	Country:	US	State:	DE
						Zip Code:	19902
							Country:
							US

start
2
5
2

BARBER - M24 ~~0048894~~ M2409018733

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6594529.___0
FILE DATE AND TIME: 05/17/2004 06:29

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.032
The Average Y Centroid of the Five Target Set:	-0.029
The Average Point of Impact of the Five Target Set:	0.043
The Average Mean Radius of the Five Target Set:	0.696
The Distance from POA to Centroid Target #1:	0.109
The Distance from Centroid Target #2 to Centroid Target #1:	0.106
The Distance from Centroid Target #3 to Centroid Target #1:	0.207
The Distance from Centroid Target #4 to Centroid Target #1:	0.231
The Distance from Centroid Target #5 to Centroid Target #1:	0.160

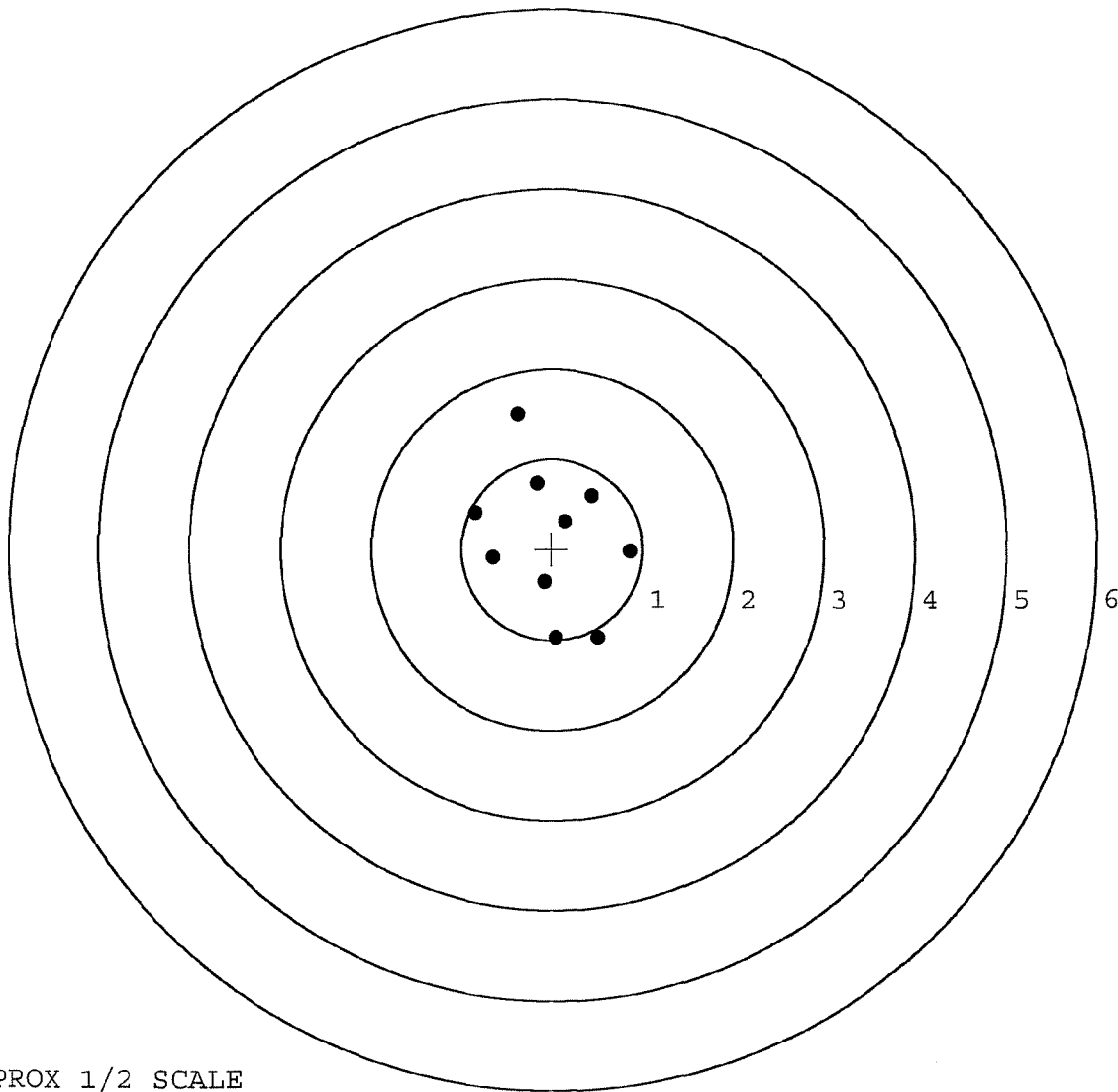
SERIAL NUMBER: C6594529. 0

TARGET NUMBER: 1

FILE DATE: 05/17/2004

FILE TIME: 06:29

	POINT#	X	Y
	1:	0.511	-0.980
	2:	0.041	-0.983
	3:	-0.086	-0.368
	4:	-0.648	-0.094
X CENTROID:	5:	-0.849	0.403
Y CENTROID:	6:	0.869	-0.024
POA TO CENTROID:	7:	0.444	0.599
HORZ SPREAD:	8:	0.147	0.301
VERT SPREAD:	9:	-0.163	0.727
GROUP SPREAD:	10:	-0.383	1.502
MIN RADIUS:		0.250	
MAX RADIUS:		1.442	
MEAN RADIUS:		0.823	
# IN 1 IN DIAMETER:		2	
# IN 2 IN DIAMETER:		7	
# in 3 IN DIAMETER:		10	



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6594529. __0

TARGET NUMBER: 2

FILE DATE: 05/17/2004

FILE TIME: 06:29

X CENTROID: 0.002

Y CENTROID: 0.003

POA TO CENTROID: 0.003

HORZ SPREAD: 1.713

VERT SPREAD: 2.197

GROUP SPREAD: 2.424

MIN RADIUS: 0.122

MAX RADIUS: 1.341

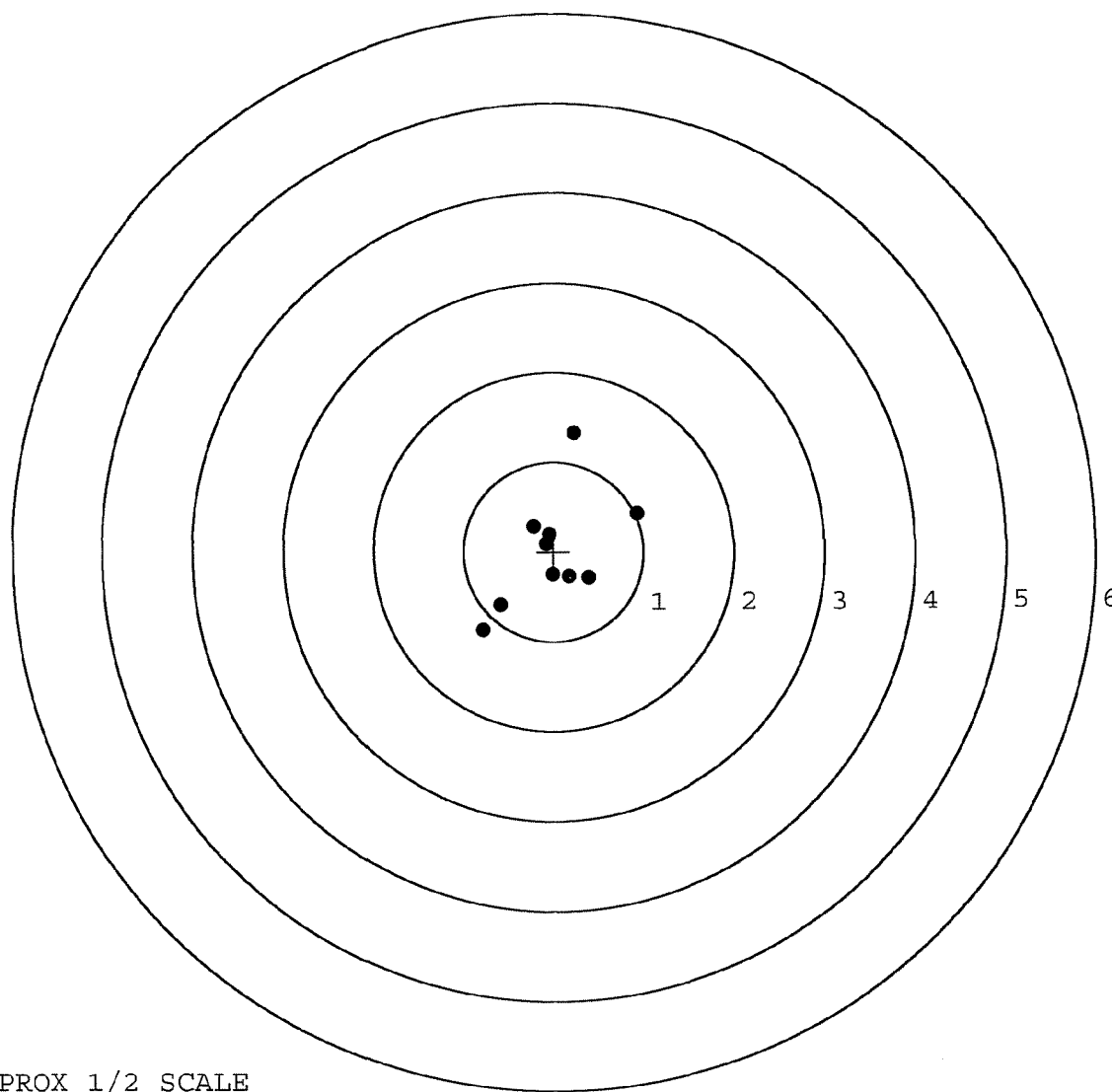
MEAN RADIUS: 0.614

IN 1 IN DIAMETER: 6

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.932	0.432
2:	0.244	1.322
3:	-0.781	-0.875
4:	-0.588	-0.594
5:	0.394	-0.293
6:	0.177	-0.278
7:	-0.009	-0.256
8:	-0.052	0.199
9:	-0.214	0.283
10:	-0.086	0.087



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6594529. 0

TARGET NUMBER: 3

FILE DATE: 05/17/2004

FILE TIME: 06:29

X CENTROID: -0.015

Y CENTROID: -0.099

POA TO CENTROID: 0.100

HORZ SPREAD: 1.227

VERT SPREAD: 1.558

GROUP SPREAD: 1.800

MIN RADIUS: 0.217

MAX RADIUS: 1.083

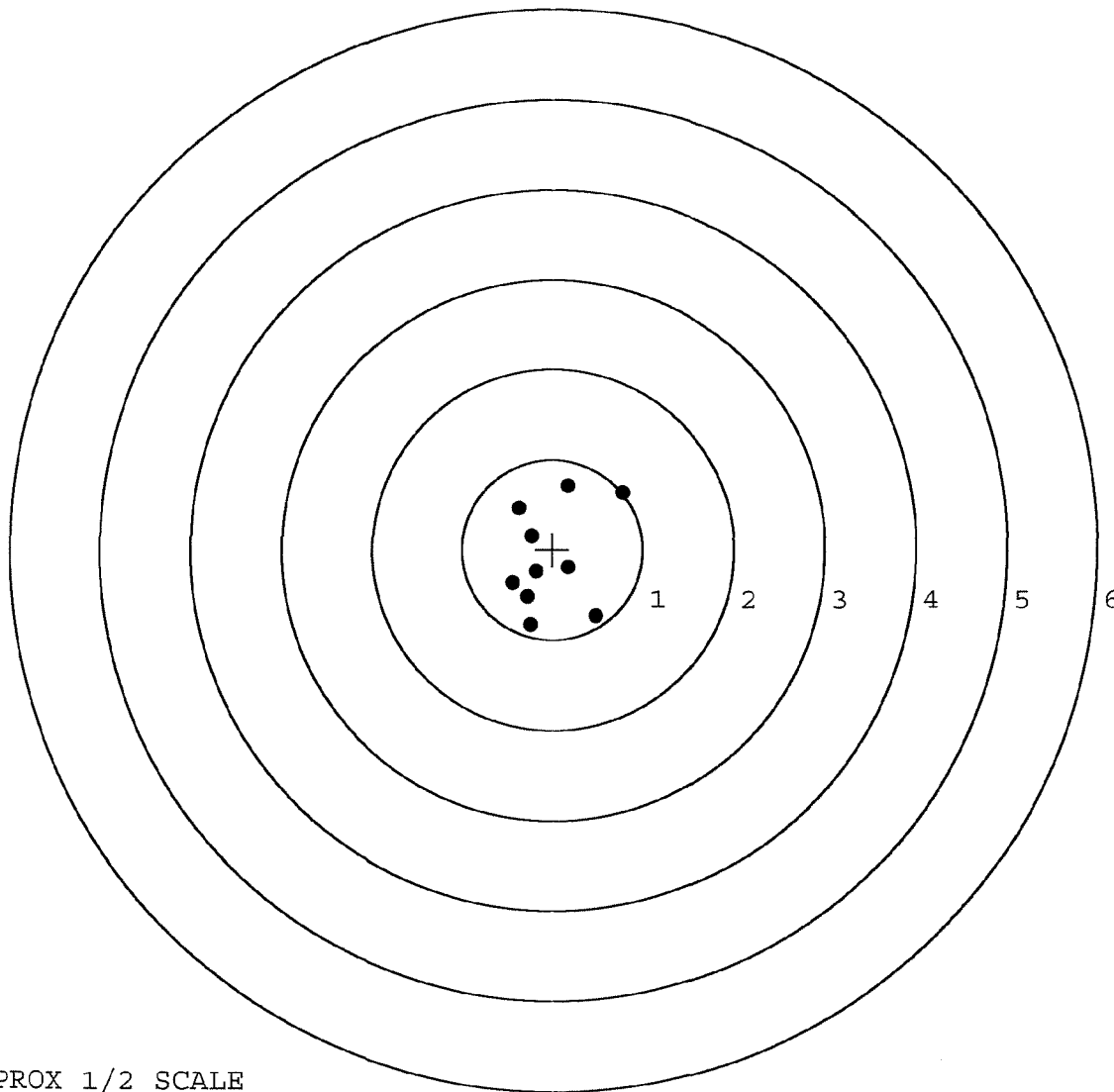
MEAN RADIUS: 0.597

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.481	-0.743
2:	0.176	-0.201
3:	-0.242	-0.846
4:	-0.445	-0.377
5:	-0.185	-0.248
6:	-0.279	-0.530
7:	-0.237	0.150
8:	-0.375	0.462
9:	0.171	0.712
10:	0.782	0.634



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6594529. __0

TARGET NUMBER: 4

FILE DATE: 05/17/2004

FILE TIME: 06:29

X CENTROID: -0.099

Y CENTROID: -0.106

POA TO CENTROID: 0.145

HORZ SPREAD: 1.773

VERT SPREAD: 2.296

GROUP SPREAD: 2.706

MIN RADIUS: 0.097

MAX RADIUS: 1.557

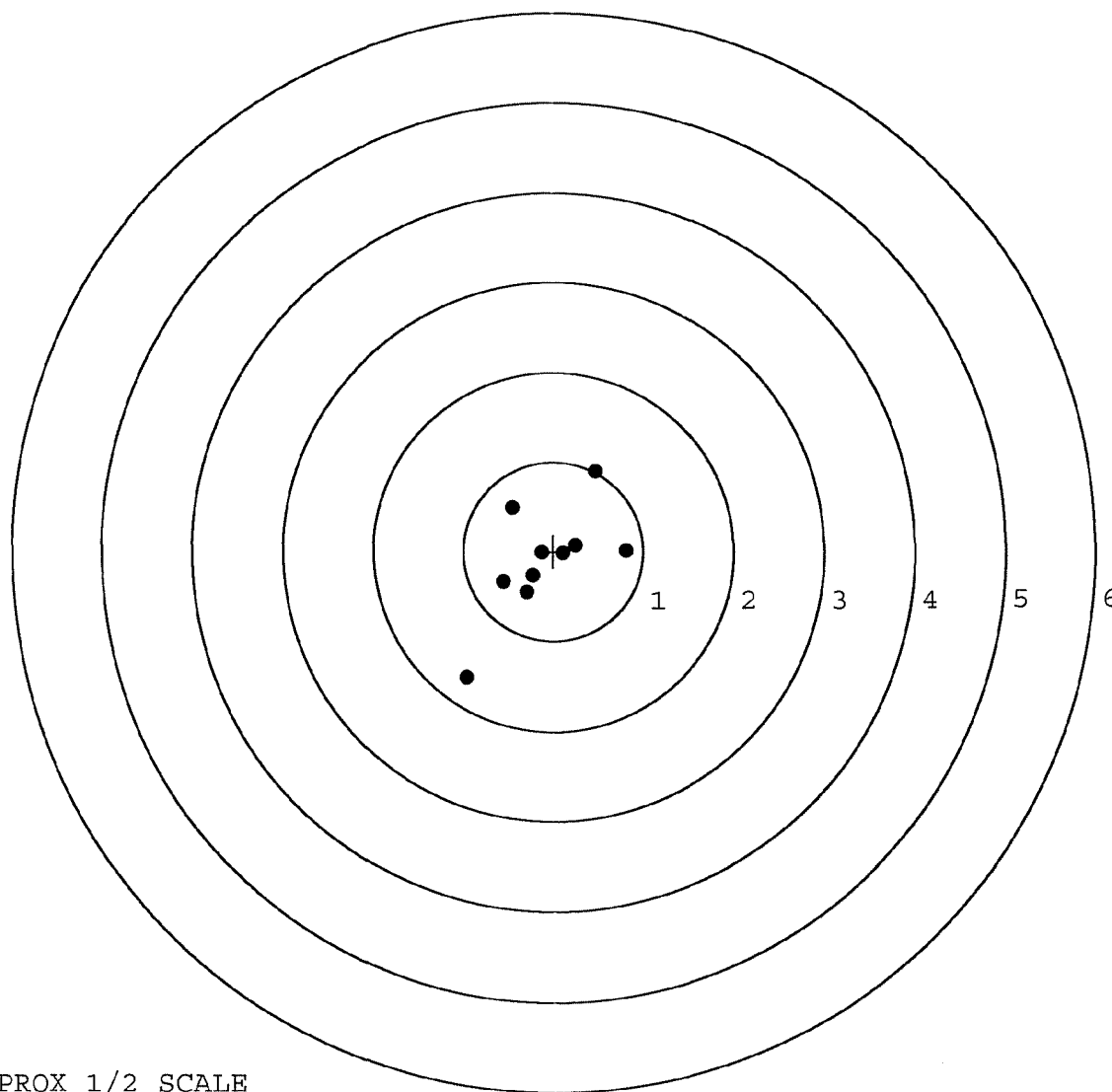
MEAN RADIUS: 0.616

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 9

POINT#	X	Y
1:	0.810	0.008
2:	0.469	0.895
3:	-0.450	0.487
4:	0.249	0.071
5:	0.111	-0.025
6:	-0.128	-0.014
7:	-0.963	-1.401
8:	-0.555	-0.343
9:	-0.297	-0.466
10:	-0.232	-0.274



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6594529. 0

TARGET NUMBER: 5

FILE DATE: 05/17/2004

FILE TIME: 06:29

X CENTROID: -0.035

Y CENTROID: -0.050

POA TO CENTROID: 0.062

HORZ SPREAD: 2.248

VERT SPREAD: 2.034

GROUP SPREAD: 2.259

MIN RADIUS: 0.142

MAX RADIUS: 1.324

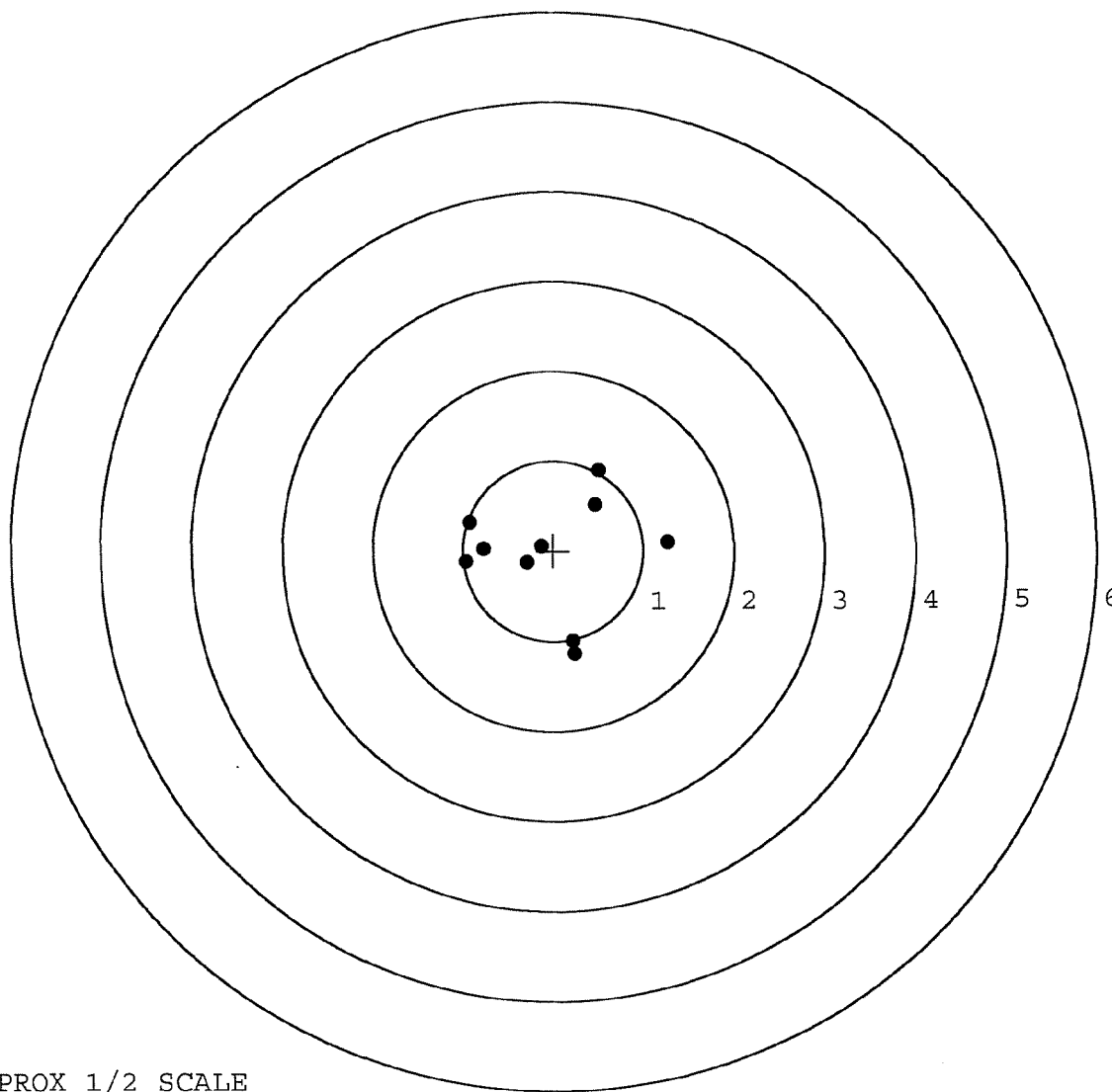
MEAN RADIUS: 0.832

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.241	-1.140
2:	0.221	-1.001
3:	1.280	0.099
4:	0.476	0.507
5:	0.508	0.894
6:	-0.133	0.052
7:	-0.290	-0.138
8:	-0.968	-0.120
9:	-0.768	0.025
10:	-0.920	0.318



TARGET APPROX 1/2 SCALE

SERIAL # C6594529INSPECTED BY: RTLDATE REC'D: 4-29-04DATE RET'D: 6-7-04

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:

Remington ®		DU PONT REG. U.S. PAT. & TM. OFF.	VERY IMPORTANT: Instruction Book enclosed to assure safe use of this firearm.
MODEL 700™ M24		SERIAL NO. C6594529	ORDER NO. 5716
MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat & Tm. Off, Marca Registrada Marque Deposee.		01	



5716 C6594529

UPC



0 47700 25716 7

OK - SIGHTS
BARBER - M24 0018704
OK - EJECTOR PIN HOLE

M-24

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C 6594529

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		10/31/90	KJ
600	Proof		10/31/90	KJ
607	Check Headspace		10/31/90	KJ
610	Dis-assemble Gun		10/31/90	KJ
612	Magnaflux Barrel Action		11/2/90	KCB
	Magnaflux Bolt		11/2/90	KCB
615	Rollmark Caliber		11/2/90	GS.
617	Drill and Tap Sight Holes		11/5/90	KB
618	Polish Barrel AB		11/6/90	WB
620	Apply Coatings (Barrel Action)		11/26/90	JA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		12-7-90	KS
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		12/7/90	KS
	C) Inspect Ejector Hole for Chamfer		12/7/90	KS
	D) Oil Firing Pin Ass'y		12/7/90	KS
	E) Adjust Trigger Pull to Min Setting and Stake		12/8/90	RL

BARBER - M24 0018705

op. #	OP. NAME	READINGS			DATE	INIT
625 cont.	F) Safety On Force	4 1/2	4 1/2	4 1/2	12/10/90	WB
	G) Safety Off Force	2 1/2	2 1/2	2 1/2	12/10/90	WB
	H) Trigger Pull Test & Retainability				12/8/90	JS
	I) Firing Pin Indent	.020	.020	.020	12/10/90	WB
	J) Assemble Stock				12/10/90	KS
	K) Assemble Swivel Studs				12-12-90	JS
	L) Attach Front and Rear Sight Assemblies				12/10/90	KS
	M) Iron Sight Alignment				14/10/90	KS
	N) Detach Front & Rear Sights & place in numbered container				12/10/90	KS
	O) Attach Scope to Rifle				12/10/90	KS
	P) Detach & Attach Scope 20 Times				14/10/90	KS
640	Gallery Target & Test				12/11/90	KJ
	A) Time				"	KJ
	B) Malfunctions				"	KJ
	C) Pierced Primers				"	KJ
	D) Optical Clarity of Scope				"	KJ
645	Inspect for Live Ammo				12/11/90	KJ
655	Final Inspection				12-12-90	JS
	A) Headspace					
	B) Trigger Pull	230	229	227	12-12-90	JS
	C) Function				12-12-90	JS
660	Pack				12/14/90	VF

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6594529
11 Dec 1990

CENTROIDAL DISTANCES

0 TO	1	.0216333
1 TO	2	.301272
1 TO	3	.351364
1 TO	4	.215128
1 TO	5	.378085

†

←----POA

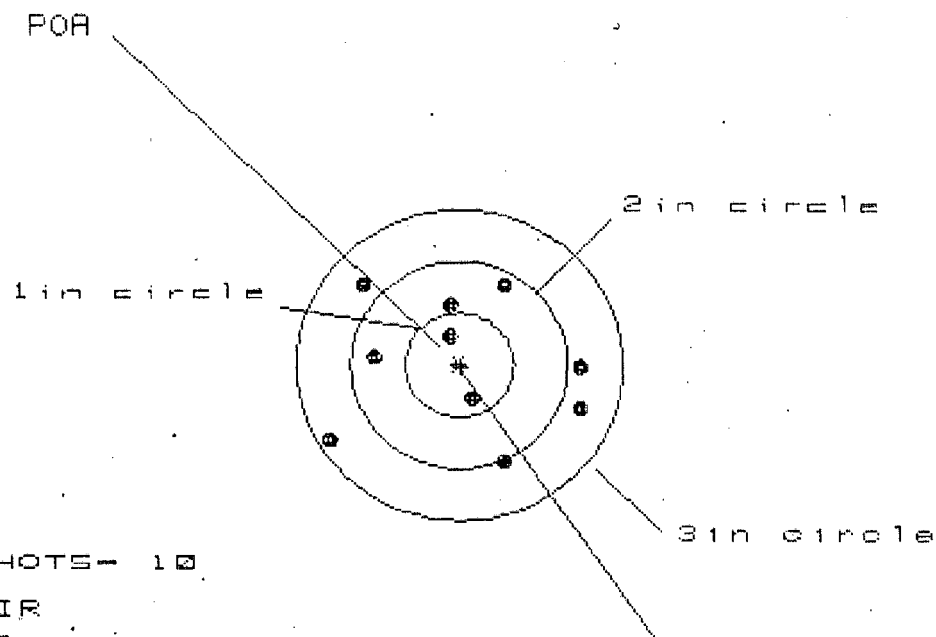
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0000
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.2288
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .228801

THE AMR FOR THIS RIFLE IS: .8978

11 Dec 1998

FILE:/PATTERNING/CENTERFIRE_PATT/06594529

CENTERFIRE PATTERNS # 1



OF SHOTS - 10

IN CIR

1 in - 2

2 in - 5

3 in - 10

HS - 2.325

VS - 1.710

GS - 2.391

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.114	.979	1.066
MINIMUM X	-1.212	-1.001	-.879
MAXIMUM Y	.818	.736	.670
MINIMUM Y	-.892	-.974	-1.040
CENTROID X	-.012	.123	.001
CENTROID Y	.018	.100	.166
POA TO CENTROID in.	.022	.158	.166
MIN RADIUS	.278	.307	.169
MEAN RADIUS	.879	.813	.750
MAX RADIUS	1.416	1.219	1.127
HORIZONTAL SPREAD	2.325	1.980	1.945
VERTICAL SPREAD	1.710	1.710	1.710
EXTREME SPREAD	2.391	2.328	2.125
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	6		
NUMBER IN THREE INCH CIRCLE =	10		

11 Dec 1998

FILE:/PATTERNING/CENTERFIRE_PATT/06594529

CENTERFIRE PATTERNS # 2

POA

1in circle

2in circle

3in circle

CENTROID *

OF SHOTS - 10

IN CIR

1in = 3

2in = 6

3in = 8

HS = 1.875

VS = 2.723

GS = 2.749

PATTERN #	2
SHOTS (BEST OF)	10
MAXIMUM X	.775
MINIMUM X	-1.100
MAXIMUM Y	1.005
MINIMUM Y	-1.718
CENTROID X	.066
CENTROID Y	-.273
POA TO CENTROID in.	.281
MIN RADIUS	.210
MEAN RADIUS	.840
MAX RADIUS	1.756
HORIZONTAL SPREAD	1.875
VERTICAL SPREAD	2.723
EXTREME SPREAD	2.749
NUMBER IN ONE INCH CIRCLE =	3
NUMBER IN TWO INCH CIRCLE =	6
NUMBER IN THREE INCH CIRCLE =	8

11 Dec 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C6594529

CENTERFIRE PATTERNS # 3

POA

1 in circle

2 in circle

3 in circle

OF SHOTS- 10

IN CIR

1 in = 1

2 in = 4

3 in = 9

HS= 2.332

VS= 2.824

GS= 2.876

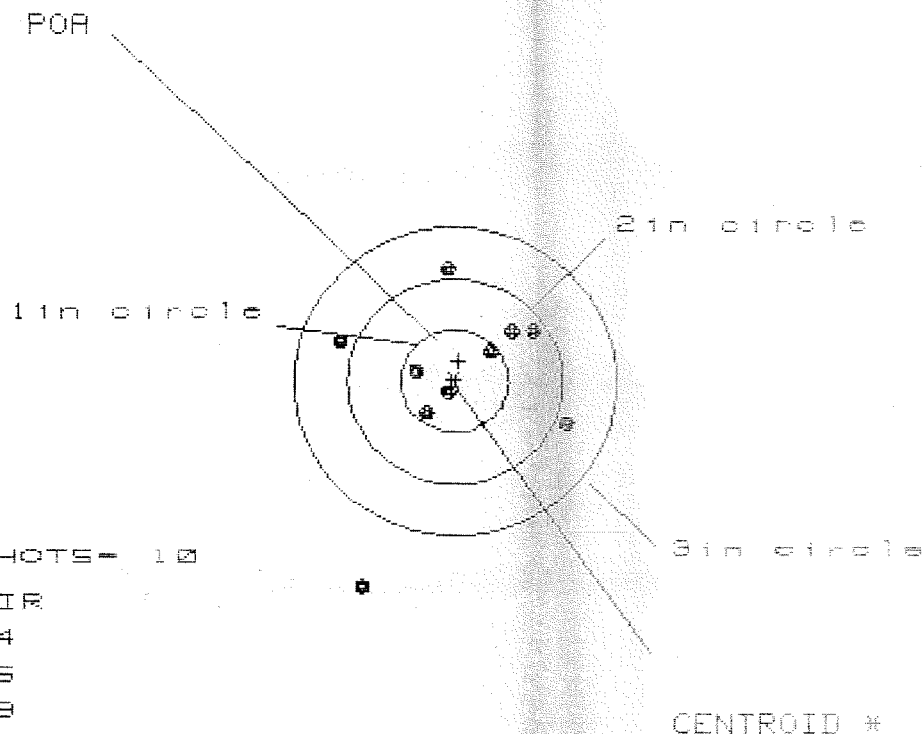
CENTROID #

PATTERN #	3
SHOTS (BEST OF)	10
MAXIMUM X	1.376
MINIMUM X	-.956
MAXIMUM Y	1.173
MINIMUM Y	-1.651
CENTROID X	.004
CENTROID Y	-.333
POA TO CENTROID in.	.333
MIN RADIUS	.354
MEAN RADIUS	1.105
MAX RADIUS	1.651
HORIZONTAL SPREAD	2.332
VERTICAL SPREAD	2.824
EXTREME SPREAD	2.876
NUMBER IN ONE INCH CIRCLE	= 1
NUMBER IN TWO INCH CIRCLE	= 4
NUMBER IN THREE INCH CIRCLE	= 9

11 Dec 1998

FILE:/PATTERNING/CENTERFIRE_PATT/08534529

CENTERFIRE PATTERNS # 4



OF SHOTS = 10

IN CIR

1 in = 4

2 in = 6

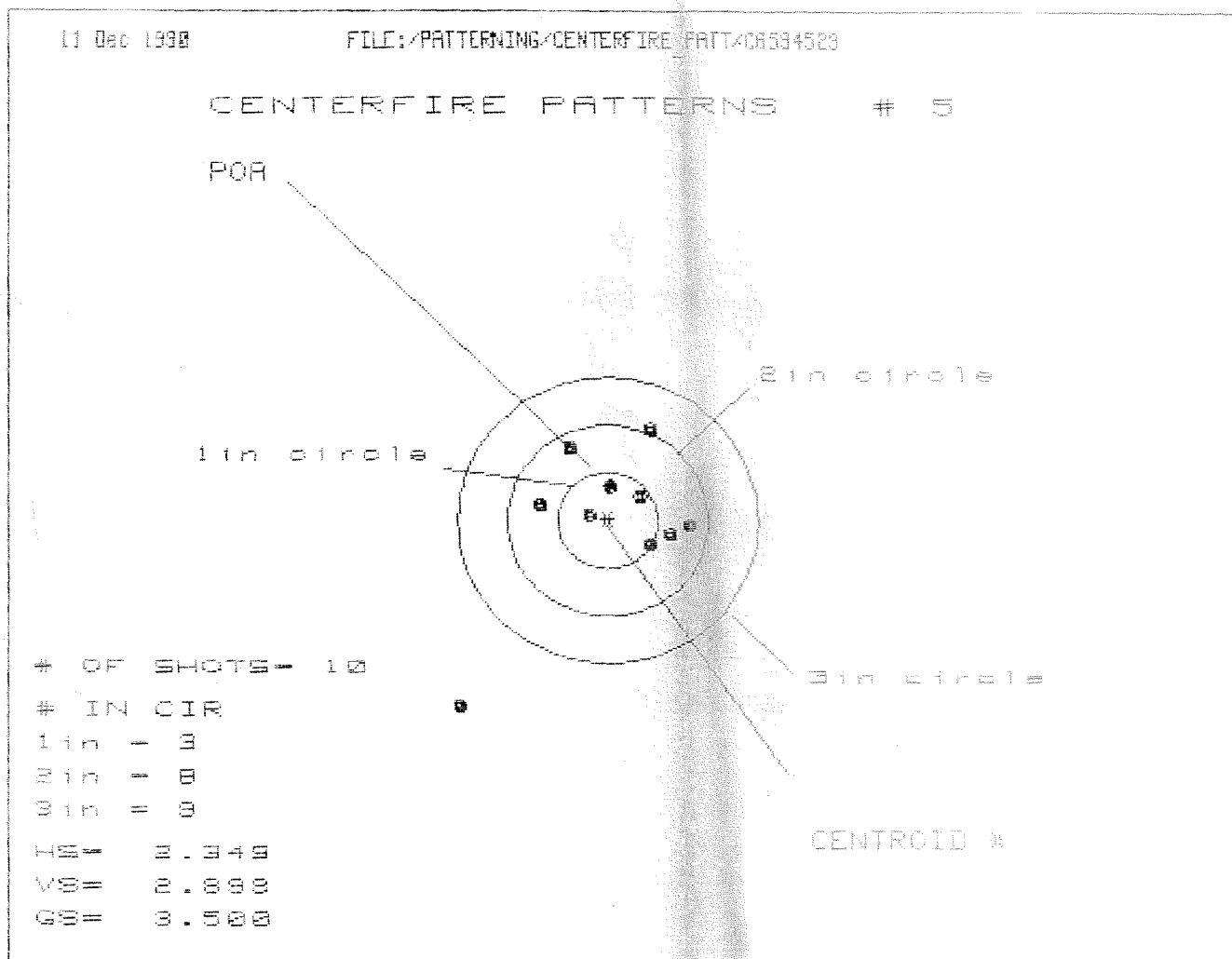
3 in = 9

HS = 2.121

VS = 3.068

GS = 3.159

PATTERN #	4
SHOTS (BEST OF)	10
MAXIMUM X	1.055
MINIMUM X	-1.066
MAXIMUM Y	1.053
MINIMUM Y	-2.015
CENTROID X	-.034
CENTROID Y	-.196
POA TO CENTROID in.	.199
MIN RADIUS	.120
MEAN RADIUS	.863
MAX RADIUS	2.183
HORIZONTAL SPREAD	2.121
VERTICAL SPREAD	3.068
EXTREME SPREAD	3.159
NUMBER IN ONE INCH CIRCLE	4
NUMBER IN TWO INCH CIRCLE	6
NUMBER IN THREE INCH CIRCLE	9



PATTERN #	5		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.841	.674	.710
MINIMUM X	-1.508	-.805	-.769
MAXIMUM Y	.913	.692	.627
MINIMUM Y	-1.985	-.482	-.395
CENTROID X	-.020	.147	.111
CENTROID Y	-.360	-.139	-.226
POR TO CENTROID in.	.360	.203	.252
MIN RADIUS	.220	.137	.210
MEAN RADIUS	.802	.553	.529
MAX RADIUS	2.493	.809	.791
HORIZONTAL SPREAD	2.349	1.479	1.479
VERTICAL SPREAD	2.898	1.174	1.022
EXTREME SPREAD	3.500	1.492	1.492
NUMBER IN ONE INCH CIRCLE =		3	
NUMBER IN TWO INCH CIRCLE =		8	
NUMBER IN THREE INCH CIRCLE =		9	

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

SERIAL NO. C6594529
DATE 12/8/90
TESTER JL

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.18	2.35	2.39	2.30	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.21	2.38	2.37	2.29	
PULL #3	2.18	2.38	2.35	2.27	
PULL #4	2.37	2.35	2.35	2.30	
PULL #5	2.30	2.33	2.29	2.24	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.36	3.41		
PULL #2	3.20	3.39		
PULL #3	3.44	3.49		
PULL #4	3.49	3.45		
PULL #5	3.39	3.45		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.47	4.31		4.38
PULL #2	4.35	4.38		4.27
PULL #3	4.33	4.39		4.29
PULL #4	4.36	4.33		4.33
PULL #5	4.36	4.29		4.36
TOTAL				
AVG.				

BARBER - M24 0018713

ORDER
R 96-21875

W/LEUFOLD 10X SCOPE

JMK

DATE RECEIVED	DATE OPENED	DATE CODE	SERIAL NUMBER	NEW SERIAL NUMBER	MODEL AND GRADE
10/03/96	10/03/96	RK 11-90	C6594529		700 7.62 NATO
ACCESSORIES	W/STUDS	W/SWIVELS	SCOPE BASE		

FROM:

SHIP TO:

TRANSPORTATION OFFICER
ANNISTON ARMY DEPOT
ANNISTON

AL 36201

TRANSPORTATION OFFICER
ANNISTON ARMY DEPOT
ANNISTON

36201

CUST NO:150939 C.O.D L

ACCOUNT NUMBER

ACCOUNT NUMBER N/C

WRITE

FROM DATE

ESTIMATED

VIA

LPS

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		D2			E1	F1
BOLT ASSY.		B3			E2	F2
BARREL ASSY.		B4		D1	E3	F3
REC. ASSY.		B5		D2	E4	F4
WOOD			C1	D3	E5	F5
METAL			C2			

MAIN FAULT

PARTS

COMMENTS

REPAIRMAN	PROOF	CLEAN	TEST	TARGET	PATTERN
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GALLERY TESTER	DATE	DATE /	DATE / /	DATE	DATE
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OFFICE COPY

RD6925 REV. 6/96

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

BARBER - M24 **M2400018752**

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. C6594529DATE 4/17/97TESTER RW

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#	COMMENTS
PULL #1	2.50	2.41	2.50	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.33	2.35	2.52	
PULL #3	2.36	2.29	2.50	
PULL #4	2.29	2.39	2.48	
PULL #5	2.29	2.25	2.50	
TOTAL	11.77	11.69	12.50	
AVG.	2.35	2.34	2.50	

	3.00# INITIAL	3.00# AFTER 20 CYCLES	COMMENTS
PULL #1	3.13	3.24	
PULL #2	3.03	3.09	
PULL #3	3.25	3.29	
PULL #4	3.26	3.11	
PULL #5	3.17	3.21	
TOTAL	15.84	15.94	
AVG.	3.17	3.19	

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.10	4.09		4.00
PULL #2	4.14	4.25		4.13
PULL #3	4.18	4.20		4.09
PULL #4	4.29	4.10		4.02
PULL #5	4.14	4.12		4.08
TOTAL	20.85	20.76		20.32
AVG.	4.17	4.15		4.06

21 DAY TURN - AROUND

M-24

CONTRACT # DAAA09-92-C-0834

R&E NO.

SERIAL NO. C6594529

LOG IN DATE: / /		DATE	INIT.
INSPECT & VERIFY:			
OP. #	OP. NAME		
550	DIS-ASSEMBLE GUN		
560 A	RE-BARREL AT CUSTOM SHOP		
B	DRILL & TAP		
C	POLISH		
575	ASSEMBLE		
600	PROOF		
605	CHECK HEADSPACE		
610	DIS-ASSEMBLE		
612	MAGNAFLUX		
615	ROLLMARK CALIBER		
618	ROTO-BLAST		
620	APPLY COATINGS		
625 A	FINAL ASSEMBLY		
B	TRIGGER PULL TEST	2.57	2.55 2.51 2.49 2.50
C	SAFETY ON FORCE	4	4 3.5
D	SAFETY OFF FORCE	2.5	2.5 2.5
E	FIRING PIN INDENT		
640	TARGET		
655	FINAL INSPECT	6/18/97	RW
660	PACK		
QAR INSPECTION		SHIP DATE	

Final Inspection

Sn: C6594529

DATE REC'D: 10/3/96

DATE RET'D:

AUDITOR: RW

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: