

C6587584

MODEL 700™ M24

Model SMS™

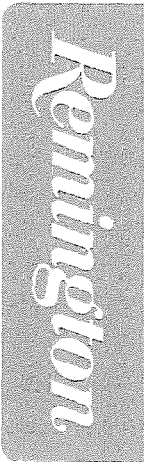
Action

Barrel Length

Capacity

Order No. 5716

*Includes 1 in chamber.



Serial Number: C6587584

Model: M24 SWS



RE00089038

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6587584.___0

FILE DATE AND TIME: 01/05/2005 11:23

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.053
The Average Y Centroid of the Five Target Set:	0.058
The Average Point of Impact of the Five Target Set:	0.078
The Average Mean Radius of the Five Target Set:	0.524
The Distance from POA to Centroid Target #1:	0.044
The Distance from Centroid Target #2 to Centroid Target #1:	0.019
The Distance from Centroid Target #3 to Centroid Target #1:	0.112
The Distance from Centroid Target #4 to Centroid Target #1:	0.299
The Distance from Centroid Target #5 to Centroid Target #1:	0.114

BARBER - M24 0023181

SERIAL NUMBER: C6587584. __0

TARGET NUMBER: 1

FILE DATE: 01/05/2005

FILE TIME: 11:23

POINT#	X	Y
1:	0.610	-0.567
2:	0.436	-0.230
3:	0.623	0.194
4:	0.002	1.096
5:	-1.168	0.149
6:	0.166	-0.224
7:	0.040	-0.089
8:	-0.128	0.055
9:	-0.269	-0.007
10:	-0.484	0.024

X CENTROID: -0.017

Y CENTROID: 0.040

POA TO CENTROID: 0.044

HORZ SPREAD: 1.791

VERT SPREAD: 1.663

GROUP SPREAD: 1.917

MIN RADIUS: 0.112

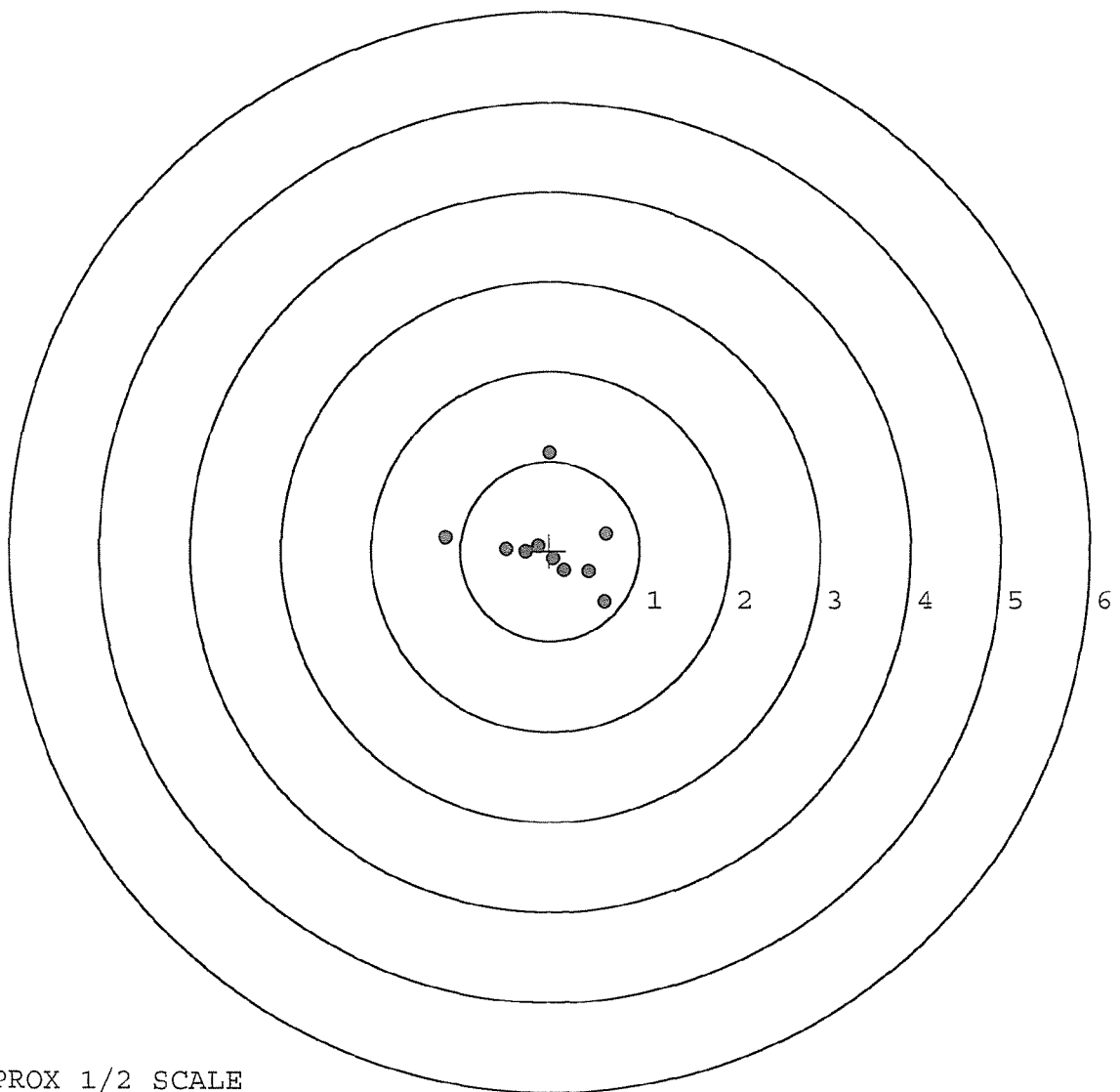
MAX RADIUS: 1.156

MEAN RADIUS: 0.557

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10



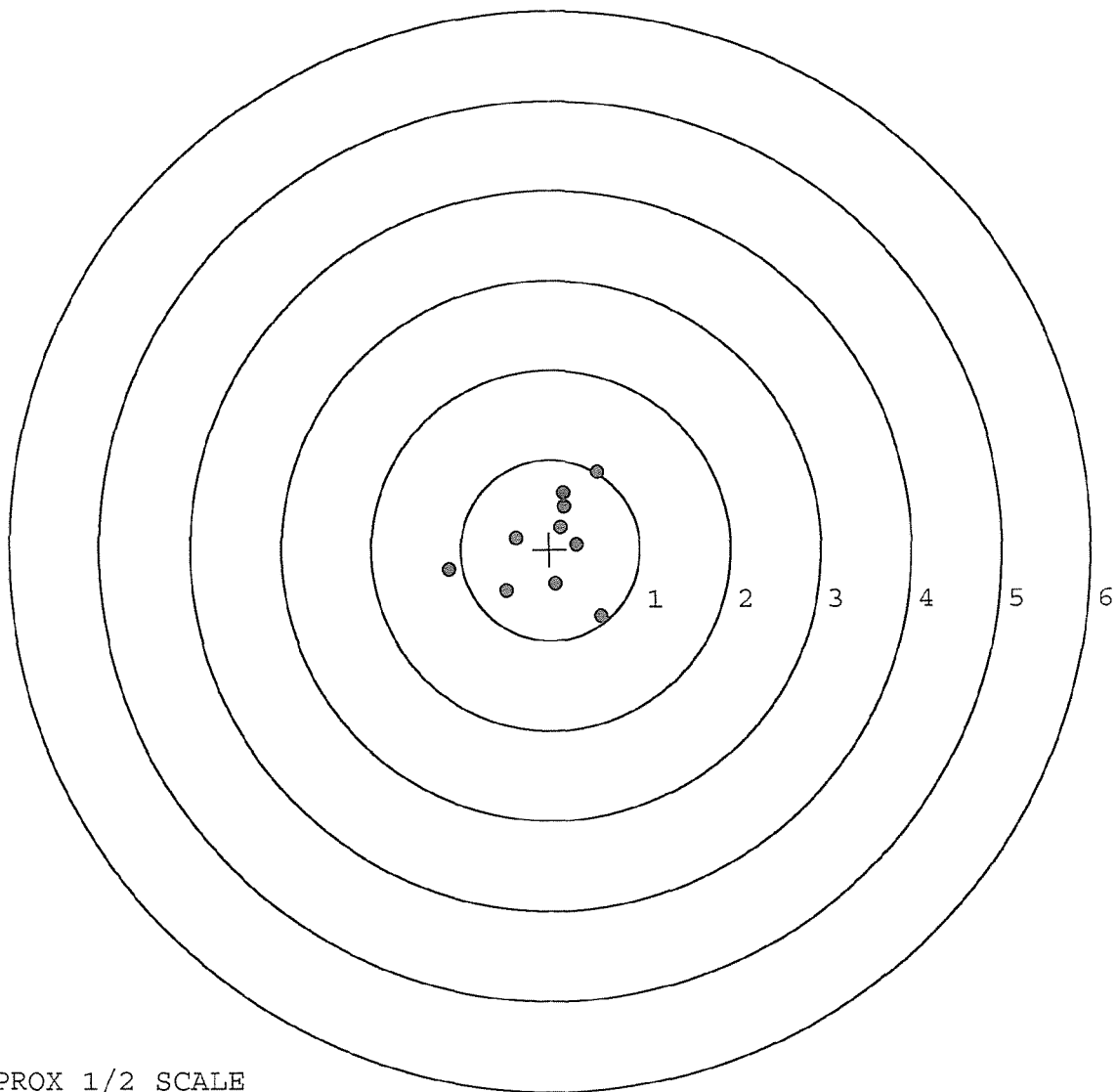
TARGET APPROX 1/2 SCALE

BARBER - M24 0023182

SERIAL NUMBER: C6587584. __0
 TARGET NUMBER: 2
 FILE DATE: 01/05/2005
 FILE TIME: 11:23

POINT#	X	Y
1:	0.565	-0.737
2:	0.062	-0.385
3:	-0.489	-0.456
4:	-0.381	0.121
5:	-1.128	-0.227
6:	0.294	0.057
7:	0.114	0.241
8:	0.154	0.474
9:	0.153	0.632
10:	0.532	0.864

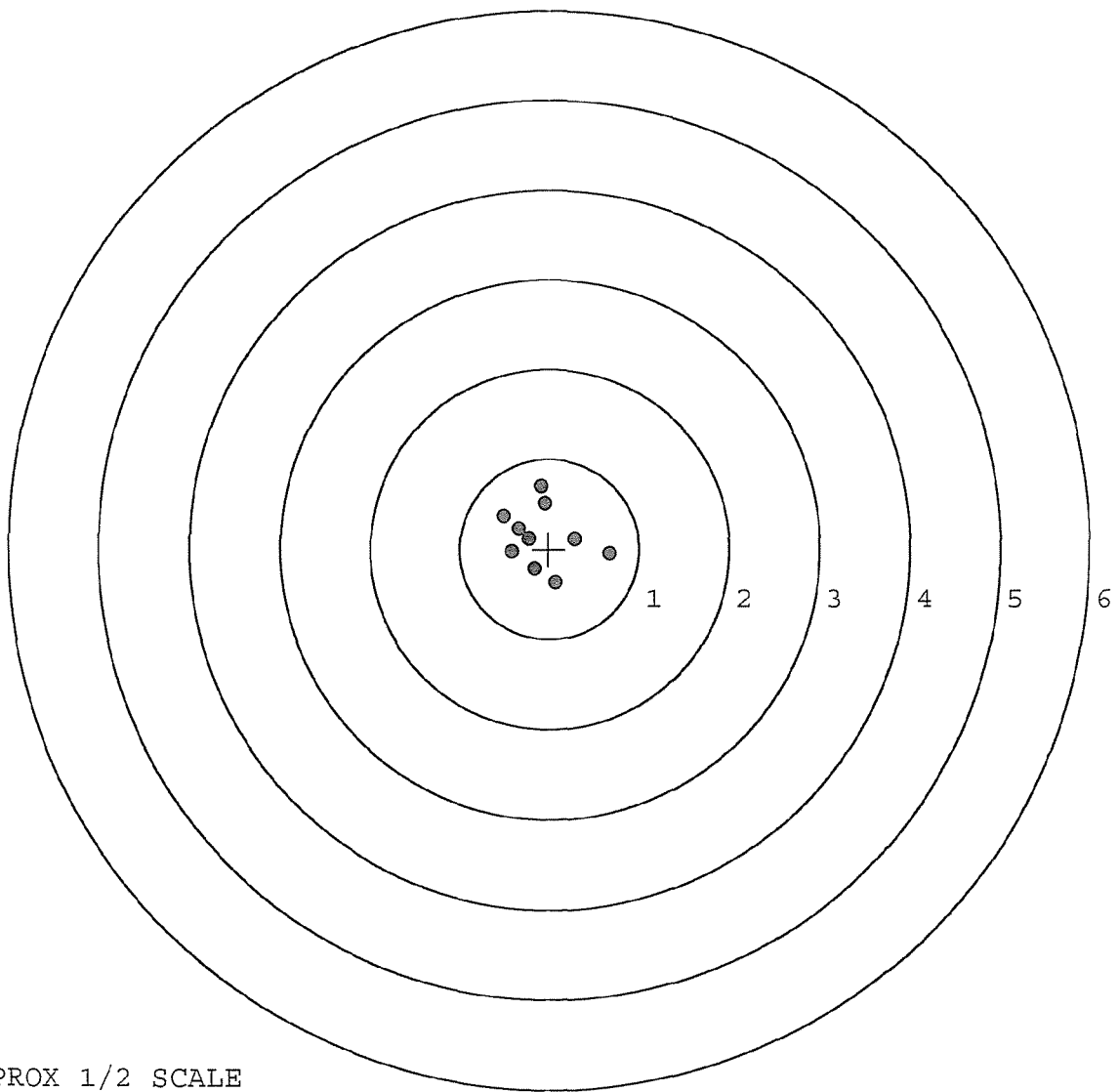
X CENTROID: -0.012
 Y CENTROID: 0.058
 POA TO CENTROID: 0.060
 HORZ SPREAD: 1.693
 VERT SPREAD: 1.601
 GROUP SPREAD: 1.986
 MIN RADIUS: 0.222
 MAX RADIUS: 1.152
 MEAN RADIUS: 0.620
 # IN 1 IN DIAMETER: 5
 # IN 2 IN DIAMETER: 9
 # in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

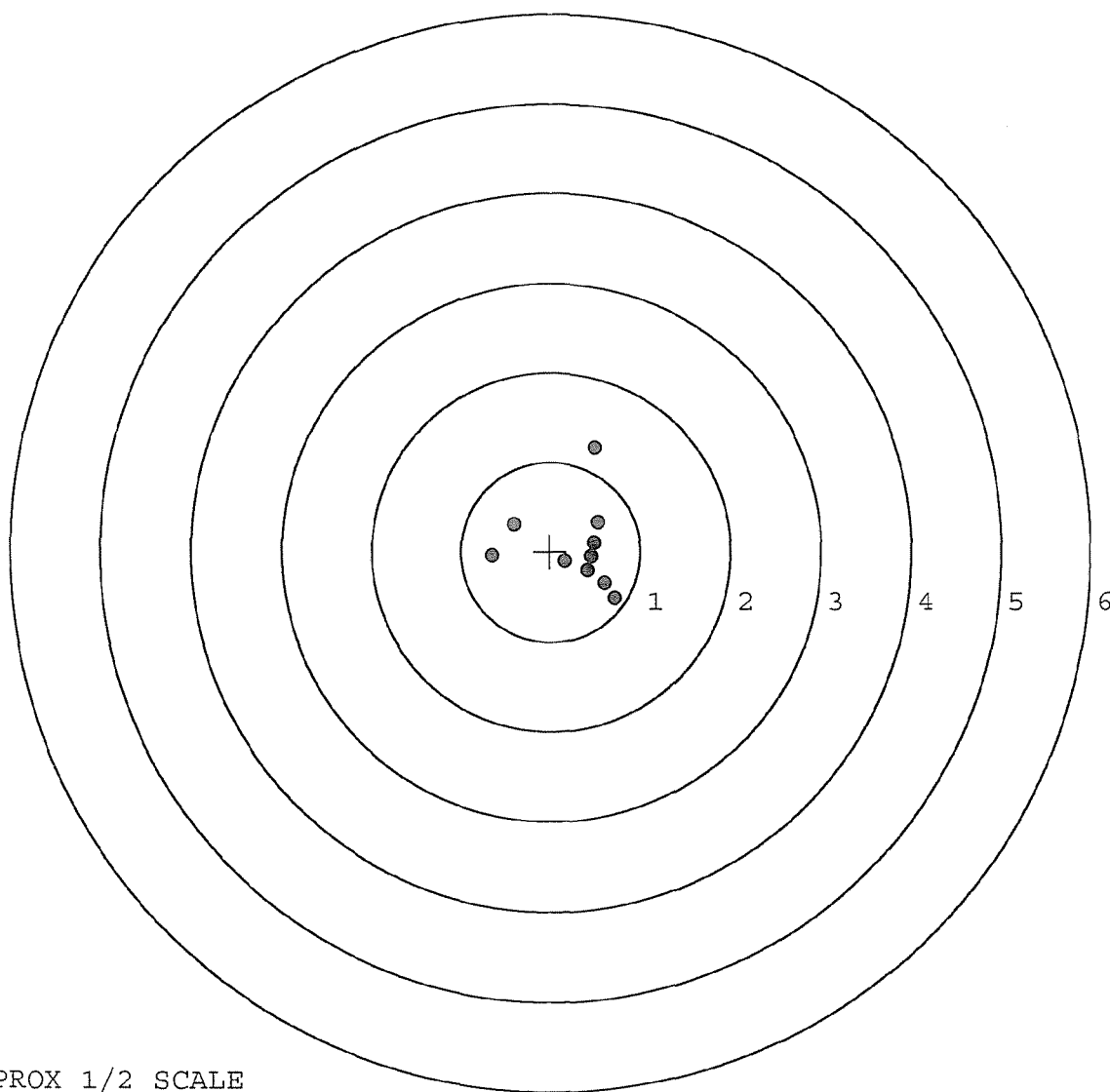
BARBER - M24 0023183

SERIAL NUMBER: C6587584. __0	<u>POINT#</u>	<u>X</u>	<u>Y</u>
TARGET NUMBER: 3	1:	0.678	-0.050
FILE DATE: 01/05/2005	2:	0.079	-0.380
FILE TIME: 11:23	3:	-0.161	-0.221
	4:	0.289	0.116
X CENTROID: -0.076	5:	-0.229	0.118
Y CENTROID: 0.136	6:	-0.417	-0.027
POA TO CENTROID: 0.156	7:	-0.343	0.230
HORZ SPREAD: 1.189	8:	-0.511	0.369
VERT SPREAD: 1.076	9:	-0.052	0.509
GROUP SPREAD: 1.261	10:	-0.092	0.696
MIN RADIUS: 0.154			
MAX RADIUS: 0.777			
MEAN RADIUS: 0.429			
# IN 1 IN DIAMETER: 7			
# IN 2 IN DIAMETER: 10			
# in 3 IN DIAMETER: 10			



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6587584. __0	POINT#	X	Y
TARGET NUMBER: 4	1:	0.499	1.160
FILE DATE: 01/05/2005	2:	0.716	-0.516
FILE TIME: 11:23	3:	-0.408	0.304
	4:	-0.652	-0.047
X CENTROID: 0.281	5:	0.528	0.327
Y CENTROID: 0.060	6:	0.487	0.095
POA TO CENTROID: 0.288	7:	0.454	-0.057
HORZ SPREAD: 1.368	8:	0.165	-0.111
VERT SPREAD: 1.676	9:	0.604	-0.350
GROUP SPREAD: 1.690	10:	0.420	-0.210
MIN RADIUS: 0.206			
MAX RADIUS: 1.122			
MEAN RADIUS: 0.533			
# IN 1 IN DIAMETER: 5			
# IN 2 IN DIAMETER: 9			
# in 3 IN DIAMETER: 10			



TARGET APPROX 1/2 SCALE

BARBER - M24 0023185

SERIAL NUMBER: C6587584. 0

TARGET NUMBER: 5

FILE DATE: 01/05/2005

FILE TIME: 11:23

POINT#	X	Y
1:	0.811	0.478
2:	0.345	-0.636
3:	-0.030	-0.761
4:	0.195	-0.396
5:	0.084	-0.189
6:	0.095	0.400
7:	0.005	0.198
8:	-0.070	0.384
9:	-0.317	0.333
10:	-0.244	0.127

X CENTROID: 0.087

Y CENTROID: -0.006

POA TO CENTROID: 0.088

HORZ SPREAD: 1.128

VERT SPREAD: 1.239

GROUP SPREAD: 1.497

MIN RADIUS: 0.183

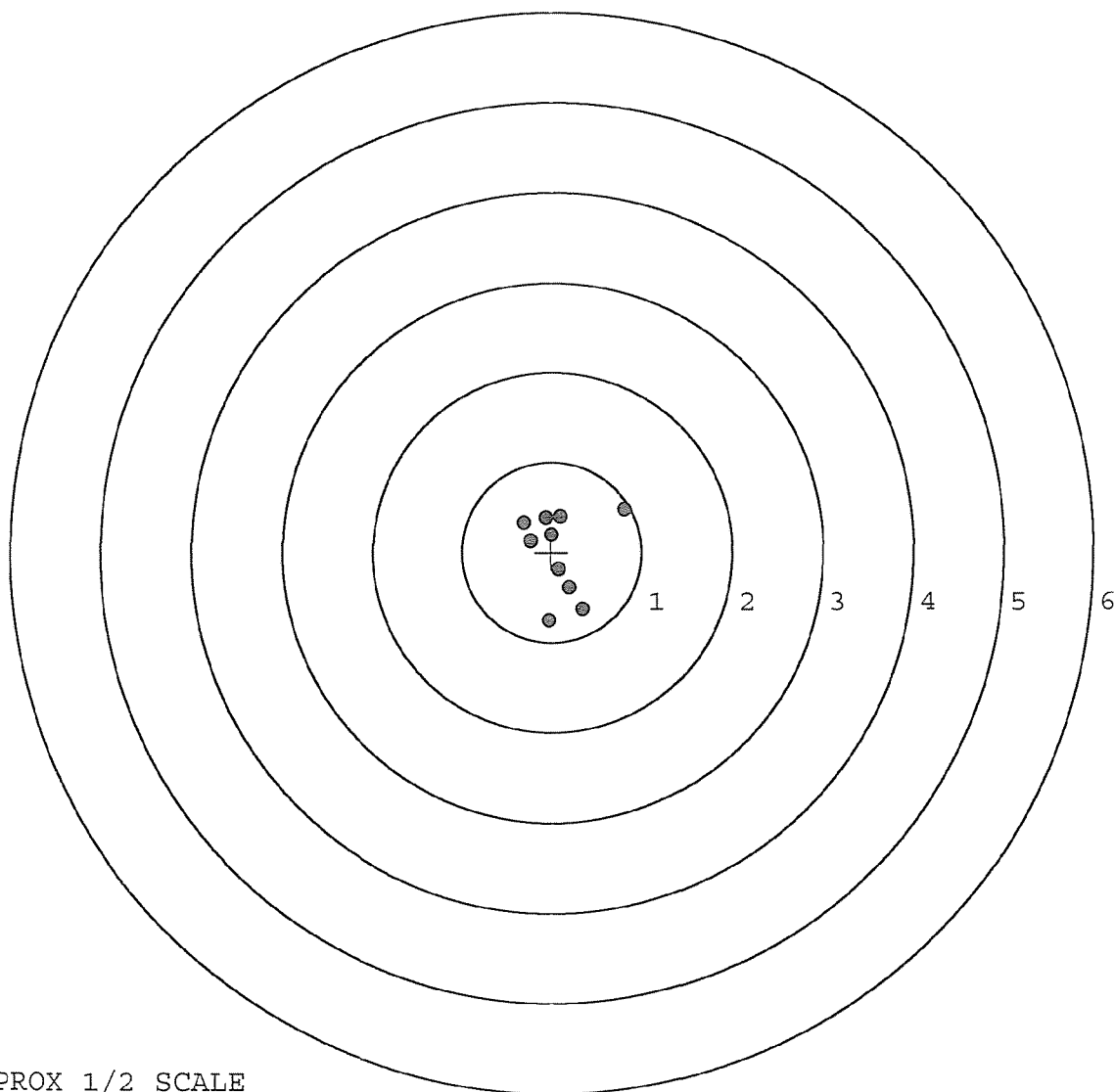
MAX RADIUS: 0.871

MEAN RADIUS: 0.483

IN 1 IN DIAMETER: 6

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

R & E NUMBER	89038		
SERIAL NUMBER	C6587584		
LOG-IN DATE	12-6-04		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	12-8-04	RTZ
560 A	RE-BARREL	12-15-04	RTZ
B	DRILL AND TAP	12-27-04	TRW
575	ASSEMBLE	12-16-04	RTZ
600	PROOF	12-16-04	RTZ
605	CHECK HEADSPACE	12-16-04	RTZ
610	DIS-ASSEMBLE GUN	12-27-04	RTZ
612	MAGNAFLUX	OPERATOR	(S)
615	ROLLMARK CALIBER	12-27-04	CW
618	ROTO-BLAST	12/28/04	DL
620	APPLY COATINGS	1/3/05	HO
625 A	FINAL ASSEMBLY	1-5-05	RTZ
B	TRIGGER PULL TEST	N/A	
C	SAFETY "ON" FORCE		
D	SAFETY "OFF" FORCE		
E	FIRING PIN INDENT		
640	TARGET	1-5-05	AC
655	FINAL INSPECT	1-11-05	AC
660	PACK	3-1-05	DA
		SHIP DATE	
QAR INSPECTION DATE			

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

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

MODEL 700™ M24

SERIAL NO.
C6587584

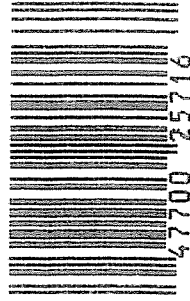
ORDER NO.
5716

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



5716 C6587584

UPC



0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C 6587584

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		10/19/90	KA
600	Proof		10/19/90	KA
607	Check Headspace		10/19/90	KA
610	Dis-assemble Gun		10/19/90	KA
612	Magnaflux Barrel Action		10/22/90	KR
	Magnaflux Bolt		10/22/90	KR
615	Rollmark Caliber		10/22/90	GL
617	Drill and Tap Sight Holes		10/23/90	KB
618	Polish Barrel <i>KB</i>		10/24/90	KB
620	Apply Coatings (Barrel Action)		11-7-90	THA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		11-7/90	KS
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		11/7/90	KS
	C) Inspect Ejector Hole for Chamfer		11/7/90	KS
	D) Oil Firing Pin Ass'y		11/7/90	KS
	E) Adjust Trigger Pull to Min Setting and Stake		11/26/90	GL

BARBER - M24 0023189		READINGS					DATE	INIT
op. #	OP. NAME							
625 cont.	F) Safety On Force	4	4	4			11/26/90	WLB
	G) Safety Off Force	2 1/4	2 1/4	2 1/4			11/26/90	WLB
	H) Trigger Pull Test & Retainability						11/26/90	JH
	I) Firing Pin Indent	.0205	.0205	.0205			11/26/90	WLB
	J) Assemble Stock						11/28/90	KA
	K) Assemble Swivel Studs						11-30-90	JS
	L) Attach Front and Rear Sight Assemblies						11/28/90	KS
	M) Iron Sight Alignment						11/28/90	KS
	N) Detach Front & Rear Sights & place in numbered container						11/28/90	KS
	O) Attach Scope to Rifle						11/28/90	KS
	P) Detach & Attach Scope 20 Times						11/28/90	KS
640	Gallery Target & Test						11-29-90	AC
	A) Time						11-29-90	AC
	B) Malfunctions						11-29-90	AC
	C) Pierced Primers						11-29-90	AC
	D) Optical Clarity of Scope						11-29-90	AC
645	Inspect for Live Ammo						11-29-90	AC
655	Final Inspection							
	A) Headspace						11-30-90	JS
	B) Trigger Pull	251	245	248	249	236	11-30-90	JS
	C) Function						11-30-90	JS
660	Pack						12-17-90	DH

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# + .50#

3.00# + .75#

4.00# + 1.00#

SERIAL NO. 06587584

DATE 11-26-90

TESTER JH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.22	2.12	2.39	2.51	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.21	2.18	2.32	2.45	
PULL #3	2.25	2.28	2.31	2.48	
PULL #4	2.36	2.29	2.21	2.49	
PULL #5	2.28	2.31	2.37	2.36	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.39	3.30		
PULL #2	3.35	3.27		
PULL #3	3.26	3.25		
PULL #4	3.31	3.27		
PULL #5	3.27	3.28		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.38	4.41		4.43
PULL #2	4.39	4.45		4.45
PULL #3	4.43	4.23		4.41
PULL #4	4.15	4.46		4.36
PULL #5	4.45	4.42		4.41
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6587584
29 Nov 1990

CENTROIDAL DISTANCES

0	TO	1	.619195
1	TO	2	.806381
1	TO	3	.275231
1	TO	4	.826143
1	TO	5	.318277

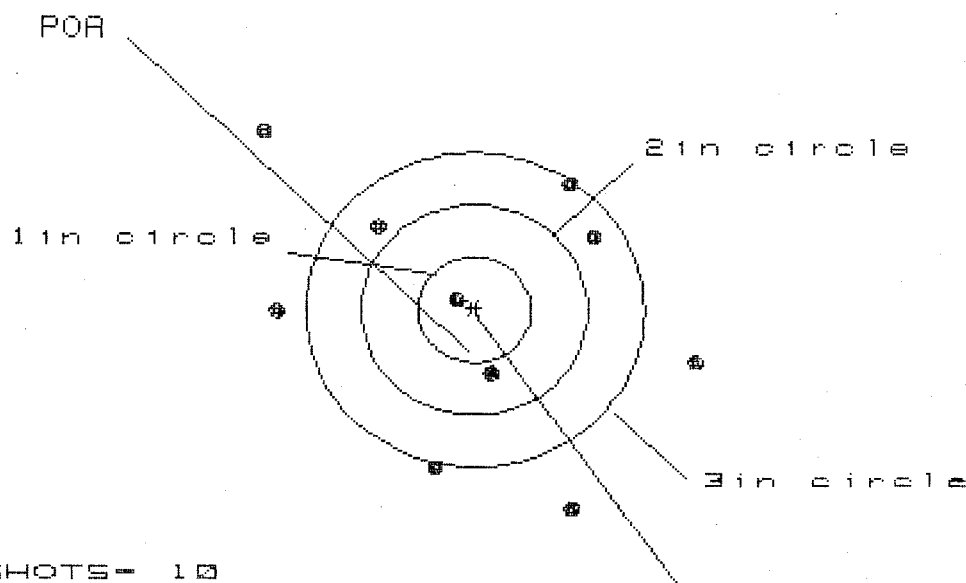
13
5
<----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0604
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .209
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .217553
THE AMR FOR THIS RIFLE IS: 1.14

29 Nov 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C65875B4

CENTERFIRE PATTERNS # 1



OF SHOTS - 10

IN CIR

1 in = 1

2 in = 2

3 in = 5

HS = 3.789

VS = 3.562

GS = 4.493

CENTROID *

PATTERN #	:	1	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.924	1.717	1.800
MINIMUM X	:	-1.865	-1.947	-1.864
MAXIMUM Y	:	1.693	1.412	1.202
MINIMUM Y	:	-1.869	-1.681	-1.486
CENTROID X	:	-.149	.058	-.025
CENTROID Y	:	.601	.413	.623
POA TO CENTROID in.	:	.619	.417	.624
MIN RADIUS	:	.134	.412	.244
MEAN RADIUS	:	1.446	1.325	1.243
MAX RADIUS	:	2.519	1.957	1.885
HORIZONTAL SPREAD	:	3.789	3.664	3.664
VERTICAL SPREAD	:	3.562	3.093	2.688
EXTREME SPREAD	:	4.493	3.704	3.704
NUMBER IN ONE INCH CIRCLE =	:	1		
NUMBER IN TWO INCH CIRCLE =	:	2		
NUMBER IN THREE INCH CIRCLE =	:	5		

29 Nov 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C6587584

CENTERFIRE PATTERNS # 2

POA

1 in circle

2 in circle

3 in circle

CENTROID *

OF SHOTS- 10

IN CIR

1 in = 2

2 in = 5

3 in = 8

HS= 4.853

VS= 2.015

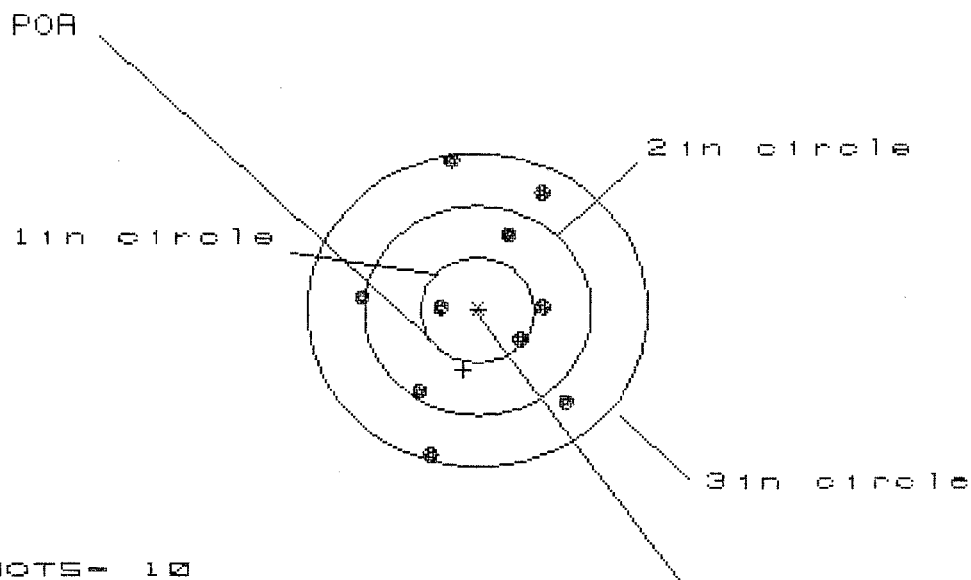
GS= 4.853

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	2.309	2.027	1.018
MINIMUM X	:	-2.544	-1.611	-1.358
MAXIMUM Y	:	.826	.853	.880
MINIMUM Y	:	-1.190	-1.162	-1.135
CENTROID X	:	-.014	.268	.015
CENTROID Y	:	-.194	-.222	-.249
POA TO CENTROID in.	:	.195	.348	.249
MIN RADIUS	:	.267	.480	.248
MEAN RADIUS	:	1.169	1.023	.853
MAX RADIUS	:	2.556	2.038	1.409
HORIZONTAL SPREAD	:	4.853	3.638	2.376
VERTICAL SPREAD	:	2.015	2.015	2.015
EXTREME SPREAD	:	4.853	3.690	2.687
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		8	

29 Nov 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C6587584

CENTERFIRE PATTERNS # 3



OF SHOTS - 10

IN CIR

1 in = 2

2 in = 5

3 in = 10

HS = 1.847

VS = 2.808

GS = 2.815

CENTROID *

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.773	.745	.684
MINIMUM X	:	-1.074	-1.102	-1.163
MAXIMUM Y	:	1.431	1.280	1.127
MINIMUM Y	:	-1.377	-1.218	-.904
CENTROID X	:	.125	.153	.214
CENTROID Y	:	.575	.416	.569
POA TO CENTROID in.	:	.589	.444	.608
MIN RADIUS	:	.321	.369	.406
MEAN RADIUS	:	.955	.887	.825
MAX RADIUS	:	1.454	1.383	1.219
HORIZONTAL SPREAD	:	1.847	1.847	1.847
VERTICAL SPREAD	:	2.808	2.498	2.031
EXTREME SPREAD	:	2.815	2.694	2.191
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		10	

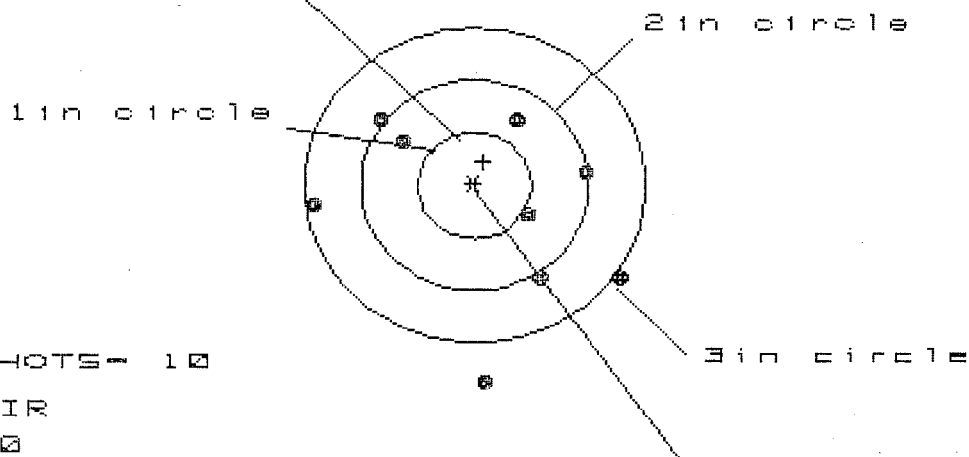
29 Nov 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C6587584

CENTERFIRE PATTERNS

4

FOR



OF SHOTS - 10

IN CIR

1 in = 0

2 in = 4

3 in = 7

HS = 2.712

VS = 4.052

GS = 4.148

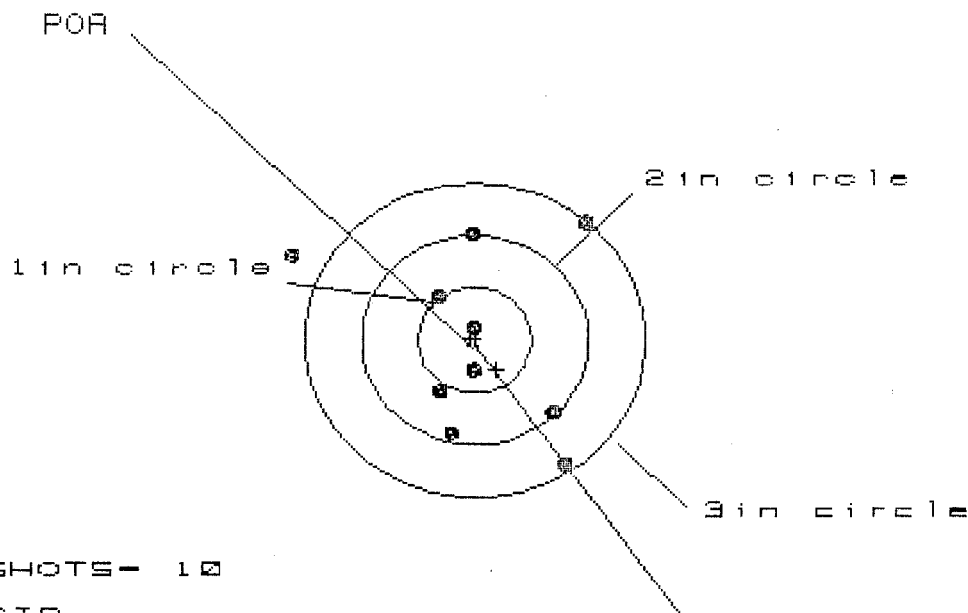
CENTROID #

PATTERN #	:	4	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.289	1.200	1.200
MINIMUM X	:	-1.423	-1.512	-1.512
MAXIMUM Y	:	2.195	.902	.701
MINIMUM Y	:	-1.857	-1.613	-.816
CENTROID X	:	-.077	.012	.012
CENTROID Y	:	-.222	-.466	-.265
FOR TO CENTROID in.	:	.235	.466	.265
MIN RADIUS	:	.573	.437	.474
MEAN RADIUS	:	1.225	1.087	.997
MAX RADIUS	:	2.337	1.613	1.523
HORIZONTAL SPREAD	:	2.712	2.712	2.712
VERTICAL SPREAD	:	4.052	2.515	1.517
EXTREME SPREAD	:	4.148	2.785	2.785
NUMBER IN ONE INCH CIRCLE	=	0		
NUMBER IN TWO INCH CIRCLE	=	4		
NUMBER IN THREE INCH CIRCLE	=	7		

29 Nov 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C6587584

CENTERFIRE PATTERNS # 5



OF SHOTS - 10

IN CIR

1 in - 2

2 in - 7

3 in - 9

HS - 2.513

VS - 2.321

GS - 3.154

PATTERN #	5
SHOTS (BEST OF)	10
MAXIMUM X	.966
MINIMUM X	-1.647
MAXIMUM Y	1.134
MINIMUM Y	-1.187
CENTROID X	-.187
CENTROID Y	.285
POA TO CENTROID in.	.341
MIN RADIUS	.074
MEAN RADIUS	.905
MAX RADIUS	1.856
HORIZONTAL SPREAD	2.613
VERTICAL SPREAD	2.321
EXTREME SPREAD	3.154
NUMBER IN ONE INCH CIRCLE =	2
NUMBER IN TWO INCH CIRCLE =	7
NUMBER IN THREE INCH CIRCLE =	9

RECEIVING AND ESTIMATING REPORT

BARBER M24 0023197

COMMENTS

ORDER

R 94-18282

INITIAL FDC CUSTOMER ORDER NO. DAAA09-92-C-0834

W/10X SCOPE, M-24 SNIPER, W/DEPLOYMENT KIT
ATTN: FRED MARTIN

SCOPE 90-0274

DATE RECEIVED 06/10/94	DATE OPENED 06/10/94	DATE CODE	SERIAL NUMBER C6587584	NEW SERIAL NUMBER	MODEL AND GRADE 700 7-62 NATO
ACCESSORIES SLING STRAP HARD CASE SCOPE MNTS SCOPE BASE					

FROM:

SHIP TO:

COMMANDER (W52H094138H226)
DEFENSE DIST DEPOT ANNISTON
ATTN DDAA-UR BLDG 112
ANNISTON

AL 36201-5025

COMMANDER (W52H094138H226)
DEFENSE DIST DEPOT ANNISTON
ATTN DDAA-UR BLDG 112
ANNISTON

AL

36201-5025

CUST NO: 098397 CJO.DL

ACCOUNT NUMBER	ACCOUNT NUMBER N/C	WRITE ☐	PROM. DATE	ESTIMATED	VIA FRT
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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			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

Trigger Assy \$173.31
CTT 30.00
\$223.31

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

RD5925 REV. 1/94

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

BARBER - M24 0023197

M2400023236

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# + .50#

3.00# + .75#

4.00# + 1.00#

SERIAL NO. C6587584

DATE 12-13-94

TESTER BM

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.74	2.50	2.69		MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.72	2.53	2.66		
PULL #3	2.76	2.60	2.72		
PULL #4	2.75	2.57	2.66		
PULL #5	2.79	2.55	2.50		
TOTAL	13.76	12.75	13.23		
AVG.	2.75	2.55	2.64		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	2.96	3.18		
PULL #2	2.97	3.20		
PULL #3	3.11	2.62		
PULL #4	3.13	3.01		
PULL #5	3.13	3.08		
TOTAL	15.30	15.09		
AVG.	3.06	3.01		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.03	4.04		4.12
PULL #2	4.02	3.96		4.09
PULL #3	3.96	3.92		4.21
PULL #4	4.05	4.18		4.23
PULL #5	4.07	4.19		4.22
TOTAL	20.13	20.29		20.87
AVG.	4.02	4.05		4.17

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6587584

OP. #	OP. NAME	READINGS	DATE	INITIAL
575 & 580	Assemble Action and Stock			
600	Proof			
607	Check Headspace			
610	Dis-assemble Gun			
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			
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head			
	C) Inspect Ejector Hole for Chamfer			
	D) Oil Firing Pin Ass'y			
	E) Adjust Trigger Pull to Min Setting and Stake			

BARBER - M24 0023200

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5 1/2	5 1/2	5 1/2			12/7	WB
	G) Safety Off Force	3	3	3 1/2			12/7	WB
	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							
	A) Time							
	B) Malfunctions							
	C) Pierced Primers							
	D) Optical Clarity of Scope							
645	Inspect for Live Ammo							
655	Final Inspection							
	A) Headspace							
	B) Trigger Pull	2.84	2.82	2.76	2.72	2.72	12/7	WB
	C) Function							
660	Pack							