

C6348773

MODEL 700™ M24

Model **SMS**™

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.

Remington®

Repair Number: RE00085994

Serial: C6348773 Model: M24 SWS Center Fire
Caliber: 7.62 NATO

Repairman:

Verify Repair

Status:

Closed 10/5/2004 7:57:53 AM

Address Information

Customer:

Received From

Return To:

Received From

Name: COMMANDER

COMMANDER

Address 1: ATTN CW3 SCHLITZ PHO W8009U

ATTN CW3 SCHLITZ PHO W8009U

Address 2: UNIT 35123 BLDG 100

PO Box:

UNIT 35123 BLDG 100

PO Box:

City: APO

APO

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

Fair

Condition
Notes:CSR
Notes:

Accessories Received

Code	Desc	Qty
A007	With Studs	3
A010	Hard Case	1
A017	Scope Bases	3

Repair Search

Refresh

Close

negl@j

10/5/2004

8:06 AM

CAPS

NUM

INS

SCPL

start

4

3

Arms Serv.

2

1

1

1

Serial Number: C6348773
 Model: M24 SWS
 RE00085994

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6348773.__0

FILE DATE AND TIME: 11/08/2004 07:42

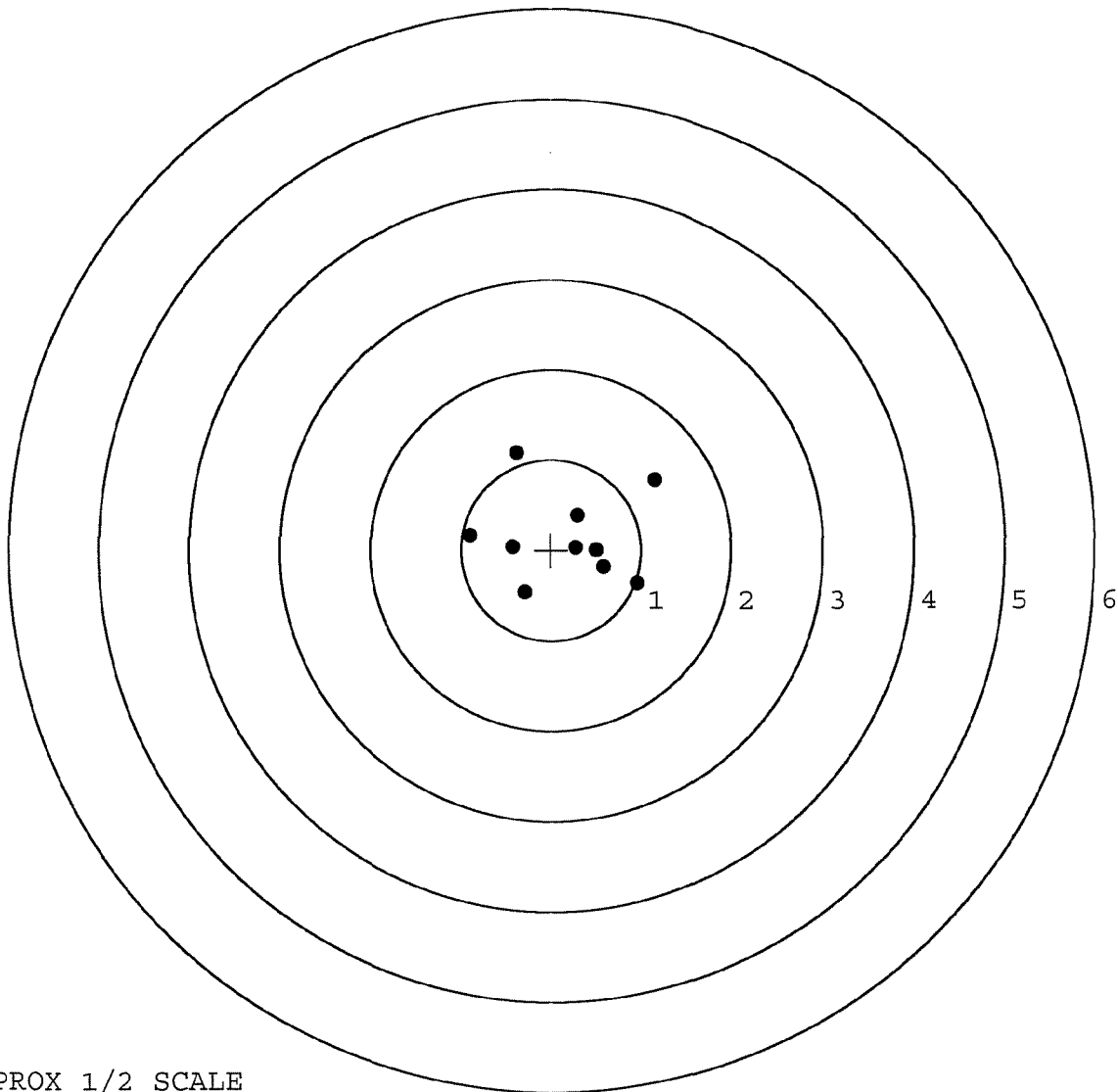
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.021
The Average Y Centroid of the Five Target Set:	0.013
The Average Point of Impact of the Five Target Set:	0.025
The Average Mean Radius of the Five Target Set:	0.843
The Distance from POA to Centroid Target #1:	0.225
The Distance from Centroid Target #2 to Centroid Target #1:	0.258
The Distance from Centroid Target #3 to Centroid Target #1:	0.307
The Distance from Centroid Target #4 to Centroid Target #1:	0.365
The Distance from Centroid Target #5 to Centroid Target #1:	0.312

SERIAL NUMBER: C6348773. __0
 TARGET NUMBER: 1
 FILE DATE: 11/08/2004
 FILE TIME: 07:42

POINT#	X	Y
1:	1.151	0.774
2:	-0.392	1.076
3:	0.293	0.382
4:	0.279	0.031
5:	0.500	-0.002
6:	0.584	-0.193
7:	0.954	-0.369
8:	-0.296	-0.473
9:	-0.429	0.037
10:	-0.901	0.165

X CENTROID: 0.174
 Y CENTROID: 0.143
 POA TO CENTROID: 0.225
 HORZ SPREAD: 2.052
 VERT SPREAD: 1.549
 GROUP SPREAD: 2.140
 MIN RADIUS: 0.153
 MAX RADIUS: 1.163
 MEAN RADIUS: 0.696
 # IN 1 IN DIAMETER: 3
 # IN 2 IN DIAMETER: 7
 # in 3 IN DIAMETER: 10

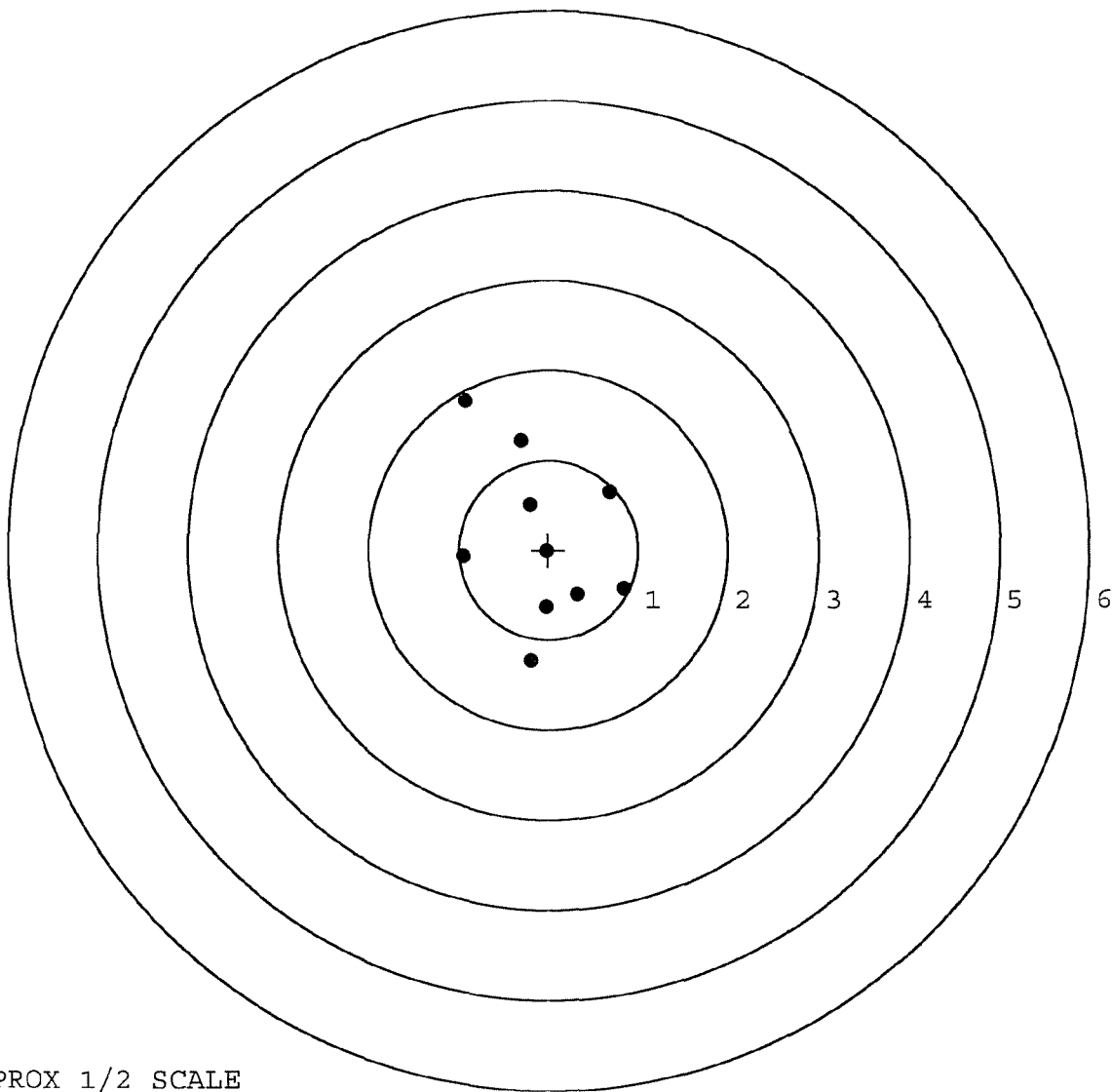


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348773. __0
 TARGET NUMBER: 2
 FILE DATE: 11/08/2004
 FILE TIME: 07:42

POINT#	X	Y
1:	0.686	0.658
2:	-0.313	1.216
3:	-0.213	0.508
4:	-0.936	1.649
5:	-0.949	-0.077
6:	-0.024	-0.014
7:	0.322	-0.506
8:	-0.032	-0.644
9:	0.843	-0.429
10:	-0.199	-1.242

X CENTROID: -0.081
 Y CENTROID: 0.112
 POA TO CENTROID: 0.138
 HORZ SPREAD: 1.792
 VERT SPREAD: 2.891
 GROUP SPREAD: 2.983
 MIN RADIUS: 0.138
 MAX RADIUS: 1.759
 MEAN RADIUS: 0.920
 # IN 1 IN DIAMETER: 2
 # IN 2 IN DIAMETER: 6
 # in 3 IN DIAMETER: 9



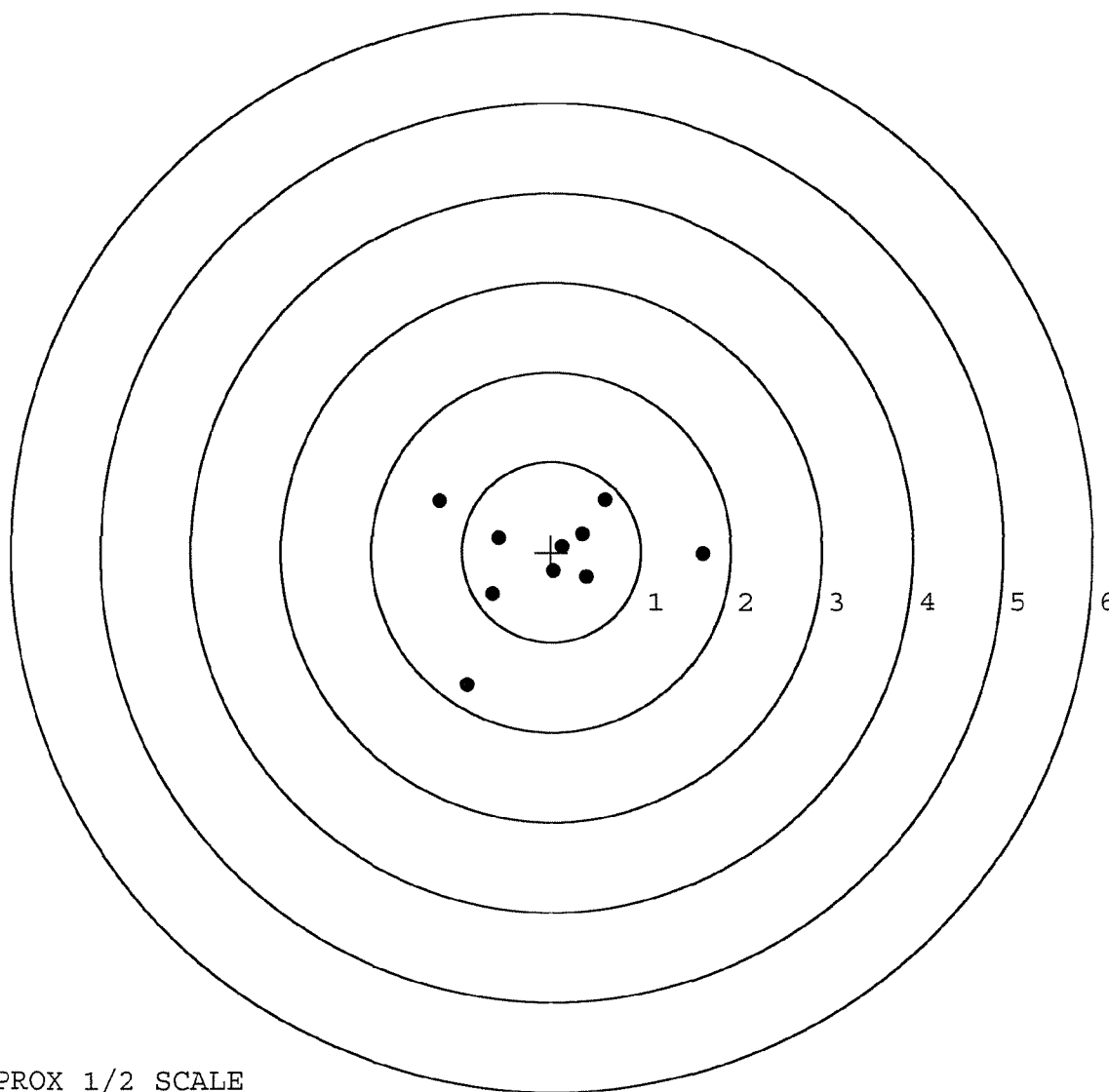
TARGET APPROX 1/2 SCALE

BARBER - M24 0063593

SERIAL NUMBER: C6348773. __0
 TARGET NUMBER: 3
 FILE DATE: 11/08/2004
 FILE TIME: 07:42

POINT#	X	Y
1:	1.691	-0.016
2:	-0.944	-1.486
3:	-0.658	-0.469
4:	-0.588	0.157
5:	-1.252	0.566
6:	0.597	0.578
7:	0.344	0.206
8:	0.395	-0.279
9:	0.025	-0.209
10:	0.121	0.065

X CENTROID: -0.027
 Y CENTROID: -0.089
 POA TO CENTROID: 0.093
 HORZ SPREAD: 2.943
 VERT SPREAD: 2.064
 GROUP SPREAD: 3.017
 MIN RADIUS: 0.131
 MAX RADIUS: 1.719
 MEAN RADIUS: 0.832
 # IN 1 IN DIAMETER: 4
 # IN 2 IN DIAMETER: 7
 # in 3 IN DIAMETER: 8

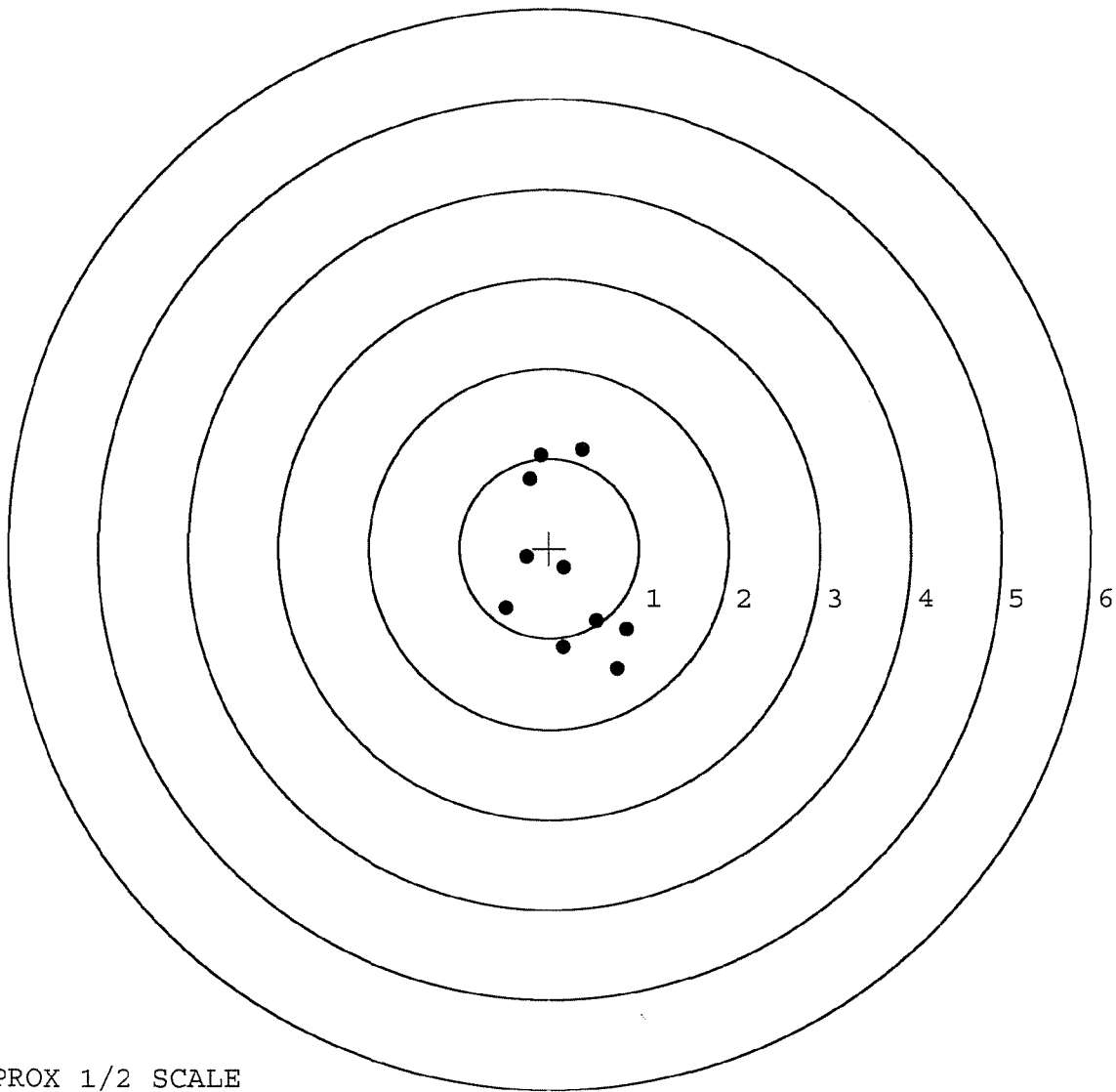


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348773. __0
 TARGET NUMBER: 4
 FILE DATE: 11/08/2004
 FILE TIME: 07:42

POINT#	X	Y
1:	0.755	-1.335
2:	0.861	-0.900
3:	0.530	-0.812
4:	0.158	-1.100
5:	-0.482	-0.672
6:	0.161	-0.214
7:	-0.257	-0.097
8:	-0.221	0.771
9:	-0.097	1.039
10:	0.360	1.103

X CENTROID: 0.177
 Y CENTROID: -0.222
 POA TO CENTROID: 0.284
 HORZ SPREAD: 1.343
 VERT SPREAD: 2.438
 GROUP SPREAD: 2.470
 MIN RADIUS: 0.018
 MAX RADIUS: 1.337
 MEAN RADIUS: 0.875
 # IN 1 IN DIAMETER: 2
 # IN 2 IN DIAMETER: 6
 # in 3 IN DIAMETER: 10

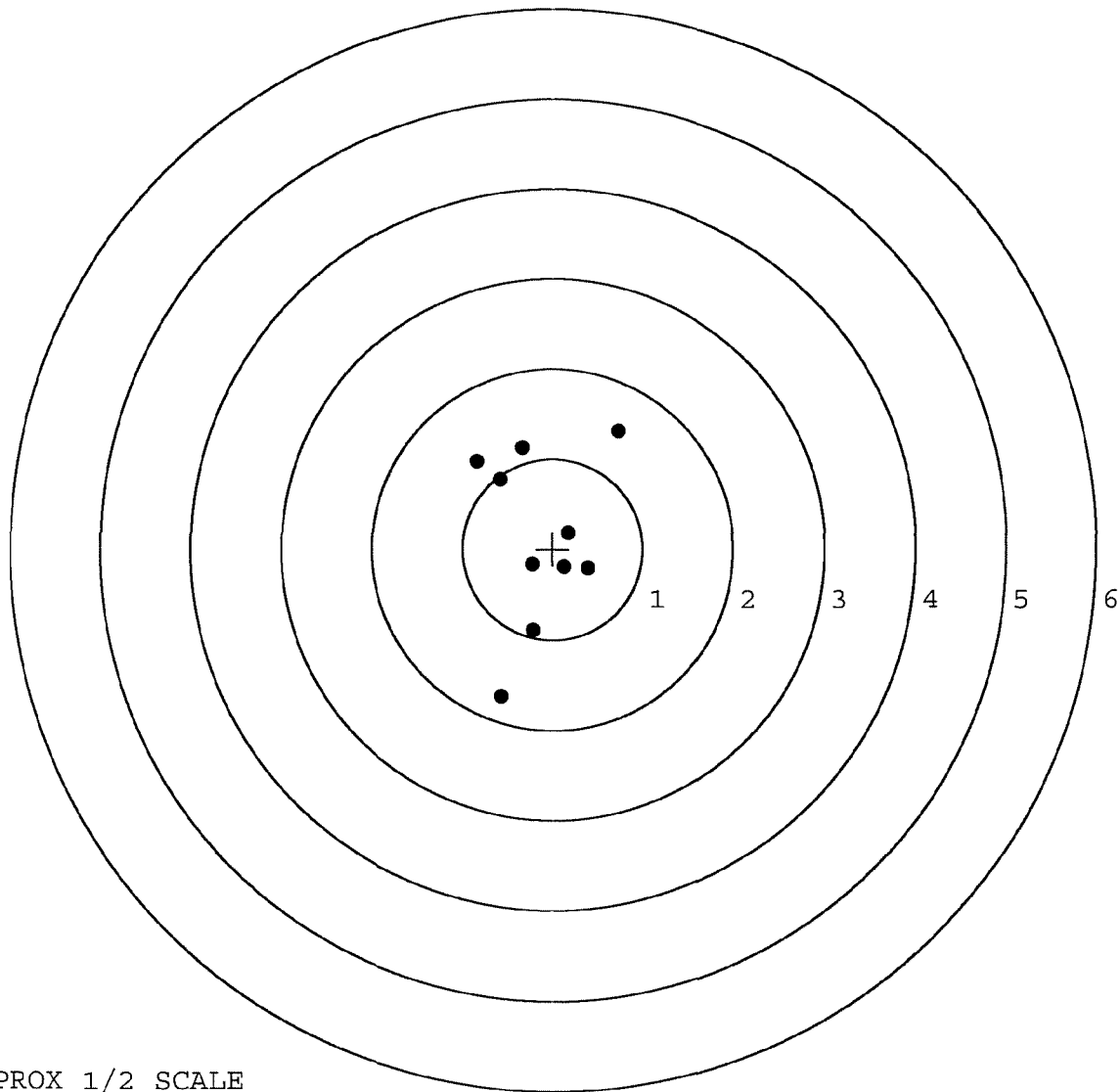


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348773. __0
 TARGET NUMBER: 5
 FILE DATE: 11/08/2004
 FILE TIME: 07:42

POINT#	X	Y
1:	-0.580	-1.628
2:	-0.221	-0.904
3:	-0.341	1.125
4:	-0.582	0.770
5:	-0.847	0.970
6:	0.733	1.311
7:	0.179	0.178
8:	0.394	-0.214
9:	0.130	-0.203
10:	-0.231	-0.177

X CENTROID: -0.137
 Y CENTROID: 0.123
 POA TO CENTROID: 0.184
 HORZ SPREAD: 1.580
 VERT SPREAD: 2.939
 GROUP SPREAD: 3.219
 MIN RADIUS: 0.314
 MAX RADIUS: 1.806
 MEAN RADIUS: 0.891
 # IN 1 IN DIAMETER: 3
 # IN 2 IN DIAMETER: 5
 # in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

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

R & E NUMBER	85994		
SERIAL NUMBER	C634 C6348773		
LOG-IN DATE	10-5-04		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	10-13-04	RTL
560 A	RE-BARREL	10-14-04	RTL
B	DRILL AND TAP	10-19-04	TRW
575	ASSEMBLE	10-15-04	RTL
600	PROOF	10-18-04	RTL
605	CHECK HEADSPACE	10-18-04	RTL
610	DIS-ASSEMBLE GUN	10-19-04	RTL
612	MAGNAFLUX	OPERATOR	
615	ROLLMARK CALIBER	10/20/04	JB
618	ROTO-BLAST	10-22-04	GB
620	APPLY COATINGS	10/20/04	HP
625 A	FINAL ASSEMBLY	11-4-04	RTL
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE		
D	SAFETY "OFF" FORCE		
E	FIRING PIN INDENT		
640	TARGET	11-8-04	TRW
655	FINAL INSPECT	11-10-04	RTL
660	PACK	11-10-04	RTA
		SHIP DATE	
		QAR INSPECTION DATE	

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

MODEL 700TM M24

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

01

SERIAL NO.
C6348773

ORDER NO.
5716


5716 C6348773

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

UPC


0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6348773

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	7 21	89	RW
600	Proof	7 21	89	RW
607	Check Headspace	7 21	89	RW
610	Dis-assemble Gun	7 21	89	RW
612	Magnaflux Barrel Action			
	Magnaflux Bolt			
615	Rollmark Caliber			
7	Drill and Tap Sight Holes		7/27/89	WC
618	Polish Barrel RB		7/21/89	WB
620	Apply Coatings (Barrel Action)		7/28/89	TJA
	Apply Coating (Bolt)			
625	Final Assembly			
	A) Clean inside of Bolt Assembly		8/7/89	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		8/7/89	RW
	C) Inspect Ejector Hole for Chamfer		8/7/89	RW
	D) Oil Firing Pin Ass'y		8/7/89	RW
	E) Adjust Trigger Pull to Min Setting and Stake		10 Aug 89	JS

op. #	BARBER - M24 0063599	READINGS			DATE	INIT
625 cont.	F) Safety On Force	4	4	4	10 Aug 89	LS
	G) Safety Off Force	4	4	4	10 Aug 89	LS
	H) Trigger Pull Test & Retainability				10 Aug 89	LS
	I) Firing Pin Indent	.020	.021	.021	10 Aug 89	LS
	J) Assemble Stock				8/10/89	KLW
	K) Assemble Swivel Studs				18 Aug 89	LS
	L) Attach Front and Rear Sight Assemblies				8/10/89	KLW
	M) Iron Sight Alignment				8/10/89	KLW
	N) Detach Front & Rear Sights & place in numbered container				8/10/89	KLW
	O) Attach Scope to Rifle				8/14/89	KLW
	P) Detach & Attach Scope 20 Times				8/14/89	KLW
640	Gallery Target & Test	81 R	68 L		8-17-89	DH
	A) Time				8-17-89	DH
	B) Malfunctions				8-17-89	DH
	C) Pierced Primers				8-17-89	DH
	D) Optical Clarity of Scope				8-17-89	DH
645	Inspect for Live Ammo				8-17-89	DH
655	Final Inspection					
	A) Headspace				18 Aug 89	LS
	B) Trigger Pull	225	224	218	18 Aug 89	LS
	C) Function				18 Aug 89	LS
660	Pack				20 Sep 89	KLW

ANCE CALCULATIONS
06348773
689

PROIDAL DISTANCES

2 TO	1	1.15395
1 TO	2	1.33728
1 TO	3	.644643
1 TO	4	.939503
1 TO	5	1.11993

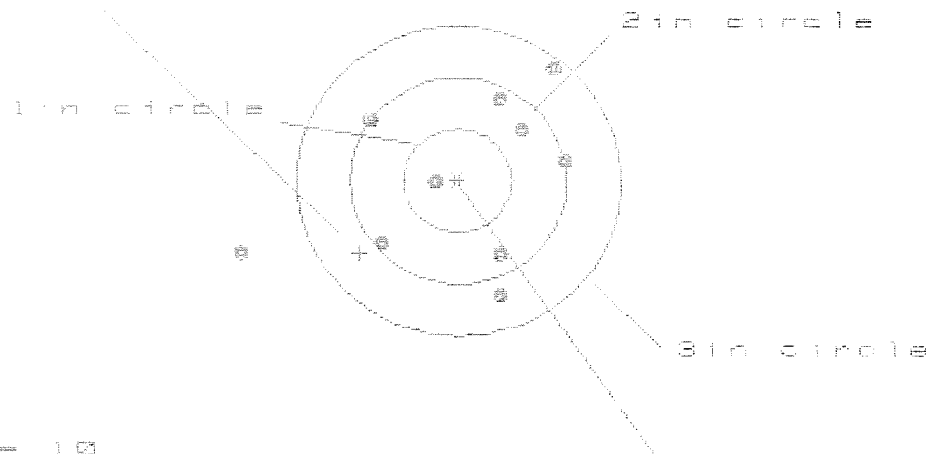
1
+4³ <----POA
5 2

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .651
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0176
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .651238

THE AMP FOR THIS RIFLE IS: .942

PATTERNING/CENTERFIRE_PATT/CS348773

CENTERFIRE PATTERNS # 1



* OF SHOTS= 10

IN CIR

1 in = 1

2 in = 5

3 in = 8

H2= 2.977

V2= 2.179

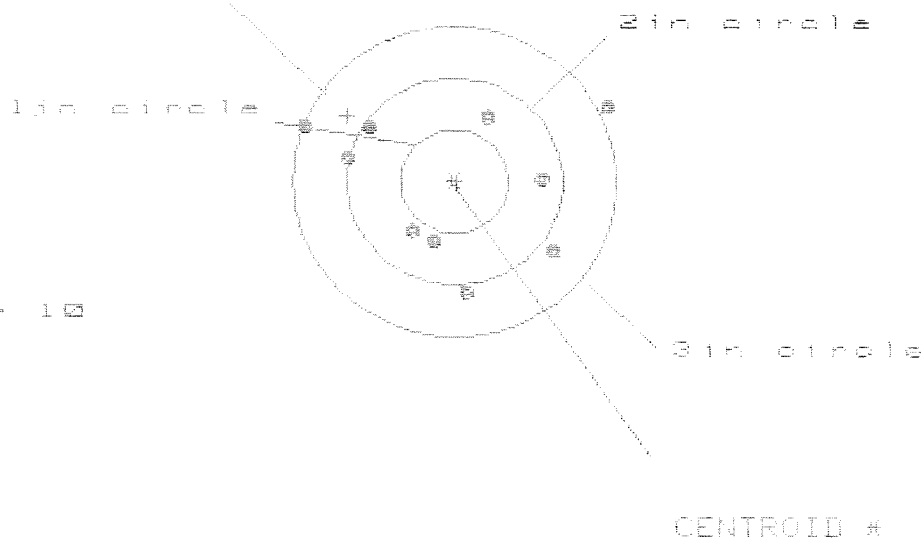
G2= 3.428

CENTROID #

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.989	.768	.856
MINIMUM X	-1.988	-1.046	-.958
MAXIMUM Y	1.095	1.016	.811
MINIMUM Y	-1.084	-1.163	-1.036
CENTROID X	.912	1.133	1.045
CENTROID Y	.707	.786	.659
POA TO CENTROID in.	1.154	1.379	1.235
MIN RADIUS	.163	.390	.301
MEAN RADIUS	1.020	.880	.830
MAX RADIUS	2.111	1.237	1.163
HORIZONTAL SPREAD	2.977	1.814	1.814
VERTICAL SPREAD	2.179	2.179	1.847
EXTREME SPREAD	3.428	2.304	2.087
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =		5	
NUMBER IN THREE INCH CIRCLE =			9

F0.5- PATTERNING/CENTERFIRE_PATT/06348773

FIRE PATTERNS # 2



OF SHOTS - 10

IN CIR

1in = 0

2in = 6

3in = 9

HS= 2.792

VS= 1.739

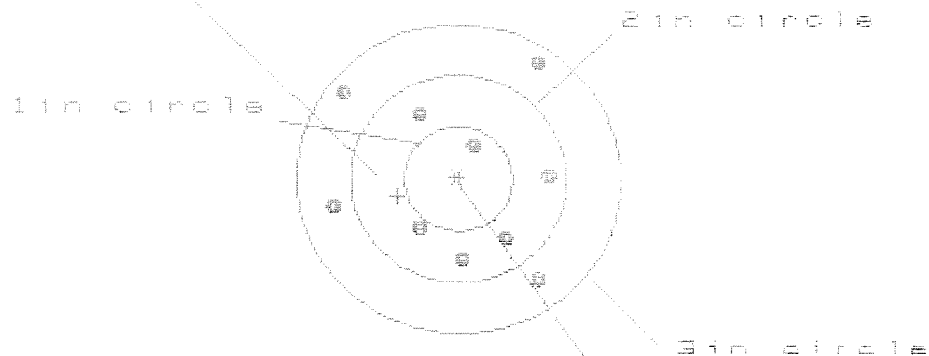
GS= 2.866

CENTROID #

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.443	1.105	.957
MINIMUM X	-1.349	-1.189	-.947
MAXIMUM Y	.709	.735	.806
MINIMUM Y	-1.030	-.951	-.880
CENTROID X	.990	.830	.978
CENTROID Y	-.628	-.707	-.778
POA TO CENTROID in.	1.172	1.090	1.250
MIN RADIUS	.607	.455	.459
MEAN RADIUS	1.003	.912	.851
MAX RADIUS	1.608	1.319	1.082
HORIZONTAL SPREAD	2.792	2.294	1.904
VERTICAL SPREAD	1.739	1.686	1.686
EXTREME SPREAD	2.866	2.559	2.141
NUMBER IN ONE INCH CIRCLE =	0		
NUMBER IN TWO INCH CIRCLE =	6		
NUMBER IN THREE INCH CIRCLE =	9		

FILE # PATTERNING/CENTERFIRE PATT/C6346723

RE PATTERNS



MINICIR

[illegible]

1. **NAME** _____
 2. **DATE** _____
 3. **SCORE** _____

[illegible]

1. 100%
 2. 100%
 3. 100%
 4. 100%
 5. 100%
 6. 100%
 7. 100%
 8. 100%
 9. 100%
 10. 100%
 11. 100%
 12. 100%
 13. 100%
 14. 100%
 15. 100%
 16. 100%
 17. 100%
 18. 100%
 19. 100%
 20. 100%
 21. 100%
 22. 100%
 23. 100%
 24. 100%
 25. 100%
 26. 100%
 27. 100%
 28. 100%
 29. 100%
 30. 100%
 31. 100%
 32. 100%
 33. 100%
 34. 100%
 35. 100%
 36. 100%
 37. 100%
 38. 100%
 39. 100%
 40. 100%
 41. 100%
 42. 100%
 43. 100%
 44. 100%
 45. 100%
 46. 100%
 47. 100%
 48. 100%
 49. 100%
 50. 100%
 51. 100%
 52. 100%
 53. 100%
 54. 100%
 55. 100%
 56. 100%
 57. 100%
 58. 100%
 59. 100%
 60. 100%
 61. 100%
 62. 100%
 63. 100%
 64. 100%
 65. 100%
 66. 100%
 67. 100%
 68. 100%
 69. 100%
 70. 100%
 71. 100%
 72. 100%
 73. 100%
 74. 100%
 75. 100%
 76. 100%
 77. 100%
 78. 100%
 79. 100%
 80. 100%
 81. 100%
 82. 100%
 83. 100%
 84. 100%
 85. 100%
 86. 100%
 87. 100%
 88. 100%
 89. 100%
 90. 100%
 91. 100%
 92. 100%
 93. 100%
 94. 100%
 95. 100%
 96. 100%
 97. 100%
 98. 100%
 99. 100%
 100. 100%

```

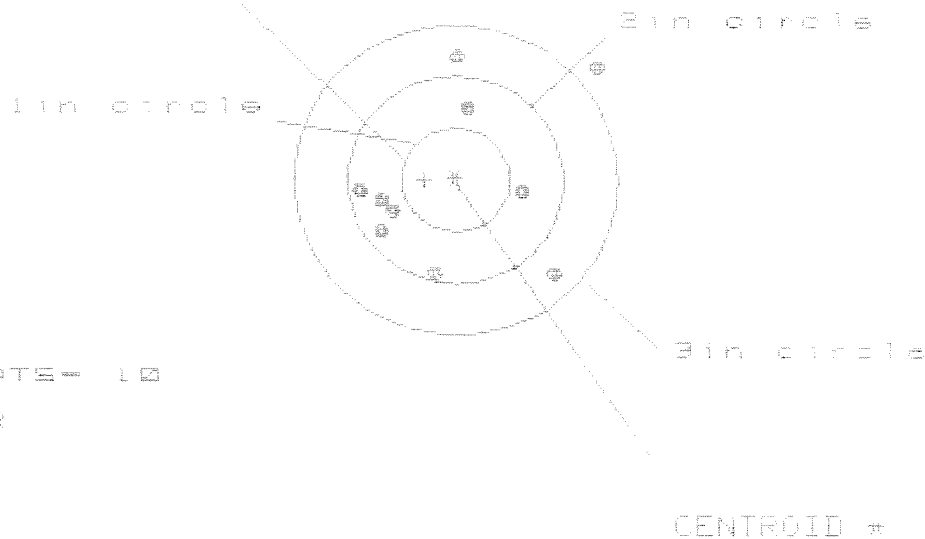
PATTERN #           :           3
SHOTS (BEST OF)    :           10           9           8
MAXIMUM   X        :           .865           .941           .823
MINIMUM   X        :          -1.191          -1.115          -1.233
MAXIMUM   Y        :           1.175           .976           .859
MINIMUM   Y        :          -.938           -.807           -.685
CENTROID  X        :           .563           .487           .605
CENTROID  Y        :           .165           .034          -.088
POA TO CENTROID in.:           .587           .488           .611
MIN RADIUS        :           .417           .481           .489
MEAN RADIUS       :           .926           .866           .782
MAX RADIUS        :           1.361           1.356           1.233
HORIZONTAL SPREAD :           2.056           2.056           2.056
VERTICAL   SPREAD :           2.113           1.783           1.544
EXTREME    SPREAD :           2.533           2.533           2.085
NUMBER IN ONE INCH CIRCLE =           1
NUMBER IN TWO INCH CIRCLE =           6
NUMBER IN THREE INCH CIRCLE =          10

```

PBL PATTERNING/CENTERFIRE_PATT/08548773

CENTERFIRE PATTERNS # 4

P.L.R.



OF SHOTS = 10

IN CIR

1in = 0

2in = 7

3in = 9

HS = 2.221

VS = 2.047

GS = 2.598

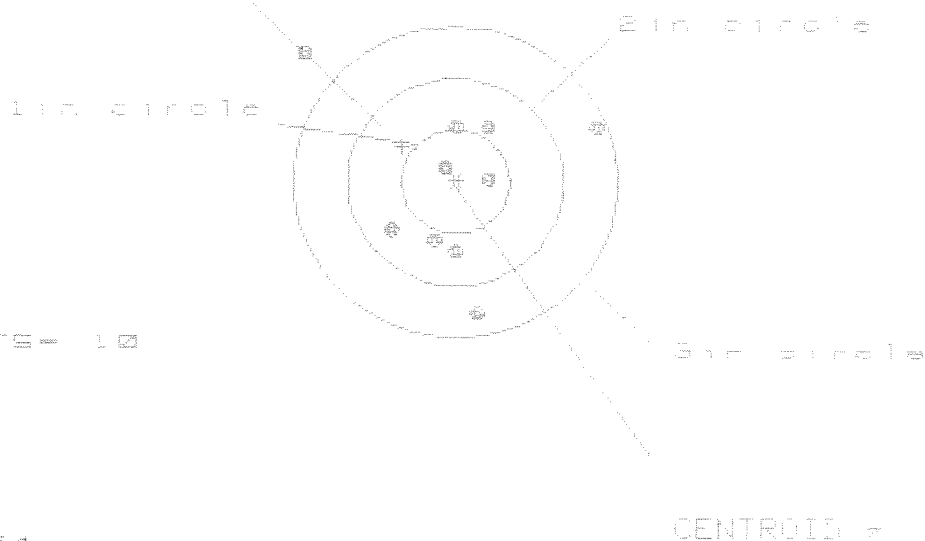
PATTERN #

4

SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.349	1.056	.862
MINIMUM X	:	-.872	-.723	-.598
MAXIMUM Y	:	1.148	1.272	1.181
MINIMUM Y	:	-.899	-.775	-.866
CENTROID X	:	.291	.142	.009
CENTROID Y	:	.002	-.122	-.031
POA TO CENTROID in.	:	.291	.187	.032
MIN RADIUS	:	.582	.426	.353
MEAN RADIUS	:	.936	.804	.719
MAX RADIUS	:	1.752	1.284	1.216
HORIZONTAL SPREAD	:	2.221	1.779	1.452
VERTICAL SPREAD	:	2.047	2.047	2.047
EXTREME SPREAD	:	2.598	2.194	2.058
NUMBER IN ONE INCH CIRCLE =			0	
NUMBER IN TWO INCH CIRCLE =			7	
NUMBER IN THREE INCH CIRCLE =			9	

FOUR POINT LEAVING/CENTERFIRE PATT/0654B779

CENTERFIRE PATTERNS # 5



OF SHOTS = 10

IN CIR

1 in = 2

2 in = 7

3 in = 9

HS = 2.654

VS = 2.529

CS = 2.987

PATTERN #	5	5	5
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.304	1.154	.341
MINIMUM X	-1.350	-.760	-.616
MAXIMUM Y	1.243	.714	.760
MINIMUM Y	-1.286	-1.148	1.058
CENTROID X	.499	.649	.505
CENTROID Y	-.334	-.472	-.582
POA TO CENTROID in.	.600	.800	.755
MIN RADIUS	.138	.260	.342
MEAN RADIUS	.925	.712	.616
MAX RADIUS	1.935	1.957	1.984
HORIZONTAL SPREAD	2.654	1.914	.957
VERTICAL SPREAD	2.529	1.862	1.841
EXTREME SPREAD	2.987	2.188	1.853
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	7		
NUMBER IN THREE INCH CIRCLE =	9		

BARBER - M24 0063606

RECEIVING AND ESTIMATING REPORT

COMMENTS

M-24 SNIPER

INITIAL JJM	CUSTOMER ORDER NO.		COMMENTS M-24 SNIPER			
DATE RECEIVED 05/29/90	DATE OPENED 05/31/90	DATE CODE	SERIAL NUMBER 06348773	MODEL AND GRADE 9999 7.62 NATO	ORDER R 90-15650	
ACCESSORIES W/STUDS		W/SWIVELS		SOFT CASE	SCOPE BASE	

FROM:

TRAFFIC MANAGEMENT OFFICE
BLDG 1702 - BAY 3
MCGUIRE AFB NJ 08641

SHIP TO:

TRAFFIC MANAGEMENT OFFICE
BLDG 1702 - BAY 3
MCGUIRE AFB NJ
08641

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

REPAIR CHARGE	TAX	INSURANCE	UPS	PARCEL POST	TOTAL
---------------	-----	-----------	-----	-------------	-------

GUN CONDITION:

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

CUSTOMER'S REQUEST

REPLACE TRIGGER ASSY

MAIN FAULT

PARTS

REPAIRMAN <i>RW</i>	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

BARBER - M24 0063606

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. 06348773

DATE 4/4/90

TESTER DH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.50	2.44	2.50	2.29	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.34	2.27	2.41	2.58	
PULL #3	2.36	2.28	2.38	2.60	
PULL #4	2.33	2.25	2.44	2.53	
PULL #5	2.31	2.25	2.45	2.63	
TOTAL	11.84	11.49	12.18	12.62	
AVG.	2.36	2.29	2.43	2.524	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.42	3.38		
PULL #2	3.43	3.33		
PULL #3	3.43	3.44		
PULL #4	3.45	3.46		
PULL #5	3.42	3.45		
TOTAL	17.15	17.06		
AVG.	3.43	3.41		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.32	4.27		
PULL #2	4.34	4.29		
PULL #3	4.30	4.34		
PULL #4	4.35	4.30		
PULL #5	4.41	4.15		
TOTAL	21.72	21.35		
AVG.	4.34	4.27		