

C6225417

MODEL 700TM M24

Model **SWS** TM

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.

Remington

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER

M24000060443

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: **RE00092205** Serial: C6225417 Model: M24 SWS Center Fire Caliber: 7.62 NATO Produced: 03/21/1989 Repairman: Status: Closed 2/1/2005 7:08:52 AM

Verify Repair

Address Information

Customer: ☒ Received From Return To: ☐ Received From

Name: **DEF DIST DEPOT ANNISTON** **DEF DIST DEPOT ANNISTON**

Address 1: Address 2: PO Box: PO Box:

City: **ANNISTON** **ANNISTON**

State: **AL** Zip Code: **362014199** Country: **US** State: **AL** Zip Code: **362014199** Country: **US**

FFL: ☐ ☐ ☐ ☐ ☐ ☐

Contact / Condition	Problems	Estimate	History / Status	Shipping / Billing															
Contact Information Phone: Fax: Email: Comments:	Received Condition Good Condition Notes: CSR Notes:	Accessories Received <table border="1"> <thead> <tr> <th>Code</th> <th>Desc</th> <th>Qty</th> </tr> </thead> <tbody> <tr> <td>A007</td> <td>With Stud</td> <td>3</td> </tr> <tr> <td>A017</td> <td>Scope Base</td> <td>1</td> </tr> <tr> <td>A026</td> <td>Scope</td> <td>1</td> </tr> <tr> <td>A057</td> <td>Frt and Rear Sgt Base</td> <td>1</td> </tr> </tbody> </table>			Code	Desc	Qty	A007	With Stud	3	A017	Scope Base	1	A026	Scope	1	A057	Frt and Rear Sgt Base	1
Code	Desc	Qty																	
A007	With Stud	3																	
A017	Scope Base	1																	
A026	Scope	1																	
A057	Frt and Rear Sgt Base	1																	

Repair Search Refresh Close

loglet 2/7/2005 11:07 AM CAPS NUM INS SCPL

start 3 3

Serial Number: **C6225417**

Model: **M24 SWS**



RE00092205

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

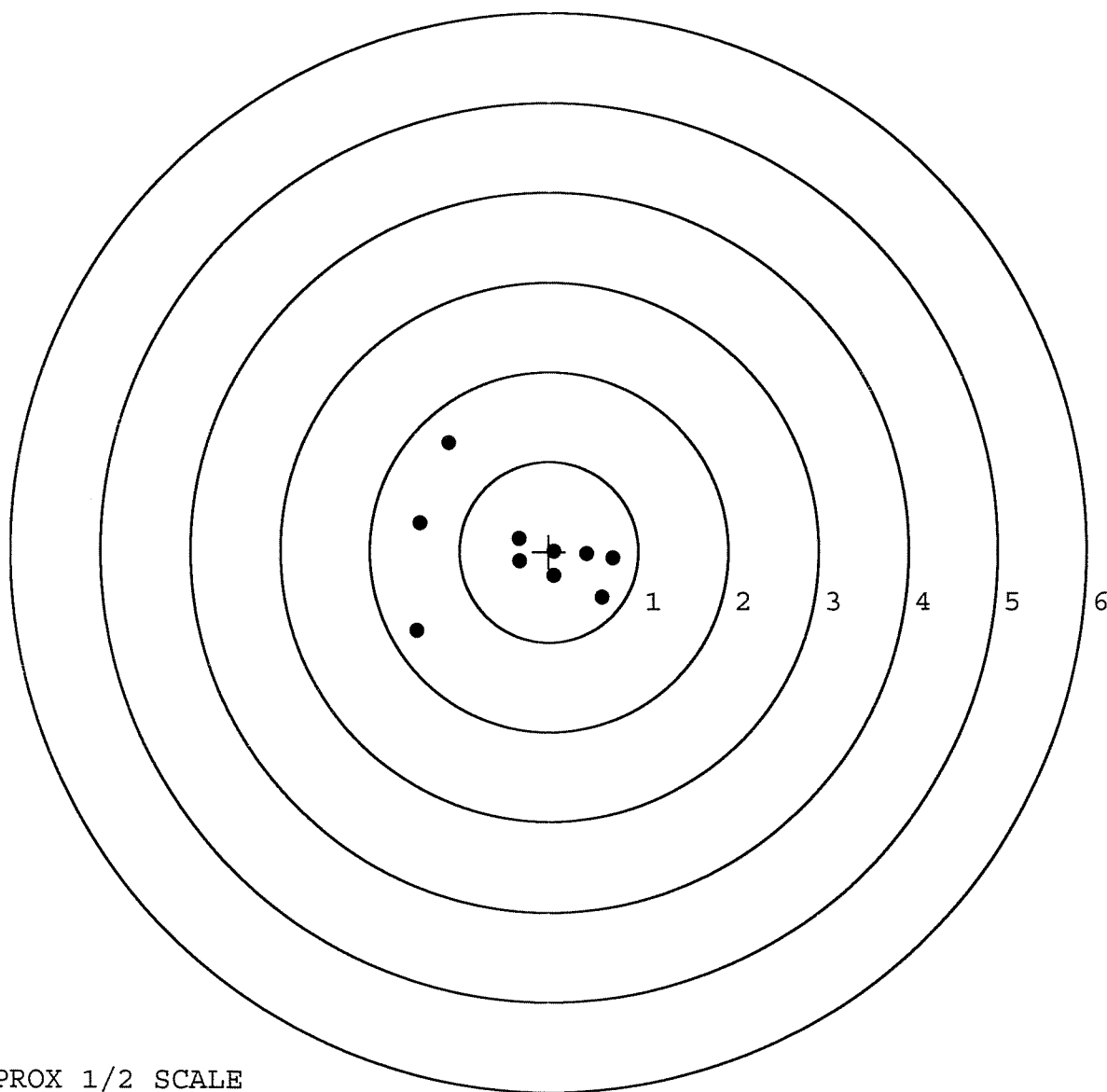
FIREARM SERIAL NUMBER / DATASET NAME: C6225417.___0
FILE DATE AND TIME: 08/10/2005 09:21

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.165
The Average Y Centroid of the Five Target Set:	0.020
The Average Point of Impact of the Five Target Set:	0.167
The Average Mean Radius of the Five Target Set:	0.819
The Distance from POA to Centroid Target #1:	0.286
The Distance from Centroid Target #2 to Centroid Target #1:	0.177
The Distance from Centroid Target #3 to Centroid Target #1:	0.411
The Distance from Centroid Target #4 to Centroid Target #1:	0.261
The Distance from Centroid Target #5 to Centroid Target #1:	0.259

SERIAL NUMBER: C6225417. __0
TARGET NUMBER: 1
FILE DATE: 08/10/2005
FILE TIME: 09:21

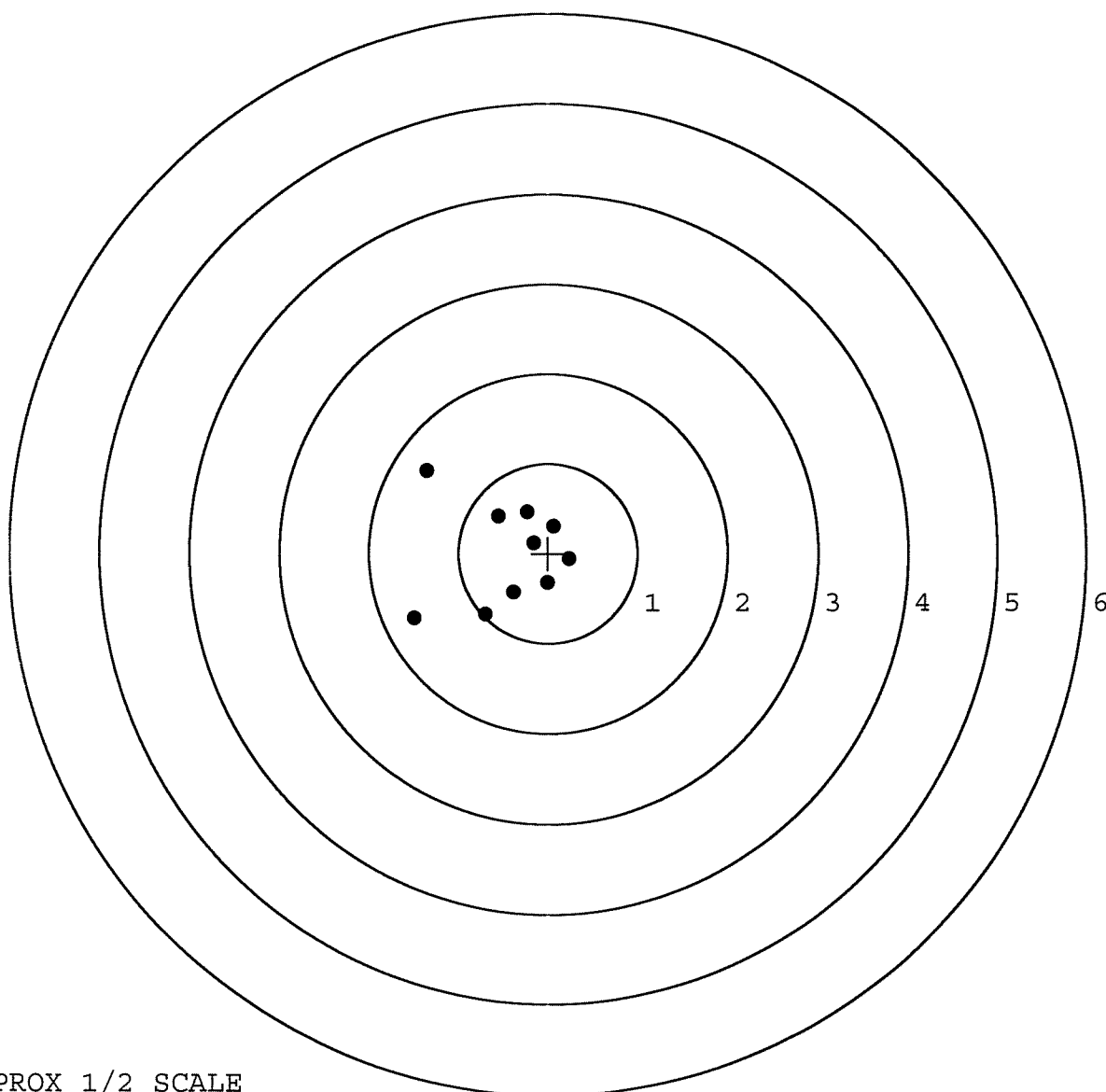
	POINT#	X	Y
	1:	0.716	-0.077
	2:	0.598	-0.510
	3:	0.423	-0.027
	4:	-0.337	0.143
X CENTROID:	5:	-0.329	-0.108
Y CENTROID:	6:	-1.474	-0.882
POA TO CENTROID:	7:	-1.440	0.310
HORZ SPREAD:	8:	-1.121	1.201
VERT SPREAD:	9:	0.056	-0.272
GROUP SPREAD:	10:	0.059	-0.001
MIN RADIUS:			
MAX RADIUS:			
MEAN RADIUS:			
# IN 1 IN DIAMETER:			4
# IN 2 IN DIAMETER:			5
# in 3 IN DIAMETER:			10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225417.____0
TARGET NUMBER: 2
FILE DATE: 08/10/2005
FILE TIME: 09:21

	POINT#	X	Y
	1:	-0.703	-0.682
	2:	-0.389	-0.439
	3:	-0.008	-0.331
	4:	0.235	-0.060
	5:	0.062	0.301
	6:	-0.162	0.115
	7:	-0.239	0.465
	8:	-0.554	0.418
	9:	-1.356	0.920
	10:	-1.496	-0.731
X CENTROID:		-0.461	
Y CENTROID:		-0.002	
POA TO CENTROID:		0.461	
HORZ SPREAD:		1.731	
VERT SPREAD:		1.651	
GROUP SPREAD:		1.869	
MIN RADIUS:		0.321	
MAX RADIUS:		1.285	
MEAN RADIUS:		0.685	
# IN 1 IN DIAMETER:		3	
# IN 2 IN DIAMETER:		8	
# in 3 IN DIAMETER:		10	

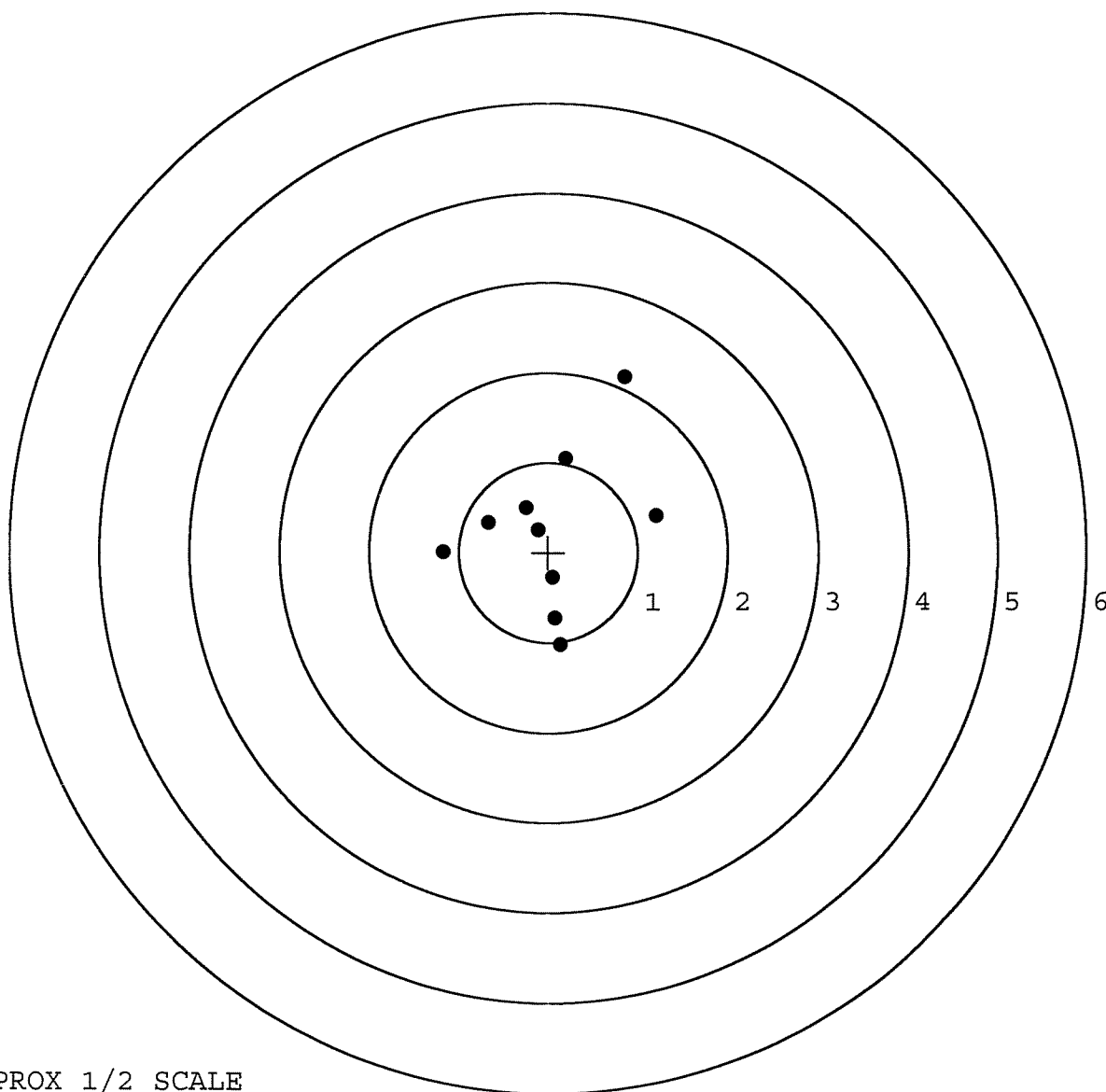


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225417. __0
TARGET NUMBER: 3
FILE DATE: 08/10/2005
FILE TIME: 09:21

X CENTROID: 0.030
Y CENTROID: 0.242
POA TO CENTROID: 0.244
HORZ SPREAD: 2.375
VERT SPREAD: 2.980
GROUP SPREAD: 3.066
MIN RADIUS: 0.146
MAX RADIUS: 1.893
MEAN RADIUS: 0.914
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 6
in 3 IN DIAMETER: 9

POINT#	X	Y
1:	0.134	-1.033
2:	0.079	-0.737
3:	0.047	-0.285
4:	-0.116	0.249
5:	-0.252	0.494
6:	-0.671	0.330
7:	-1.174	0.003
8:	0.199	1.042
9:	0.854	1.947
10:	1.201	0.412



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225417. __0

TARGET NUMBER: 4

FILE DATE: 08/10/2005

FILE TIME: 09:21

X CENTROID: -0.037

Y CENTROID: 0.058

POA TO CENTROID: 0.068

HORZ SPREAD: 2.932

VERT SPREAD: 2.142

GROUP SPREAD: 3.366

MIN RADIUS: 0.298

MAX RADIUS: 1.800

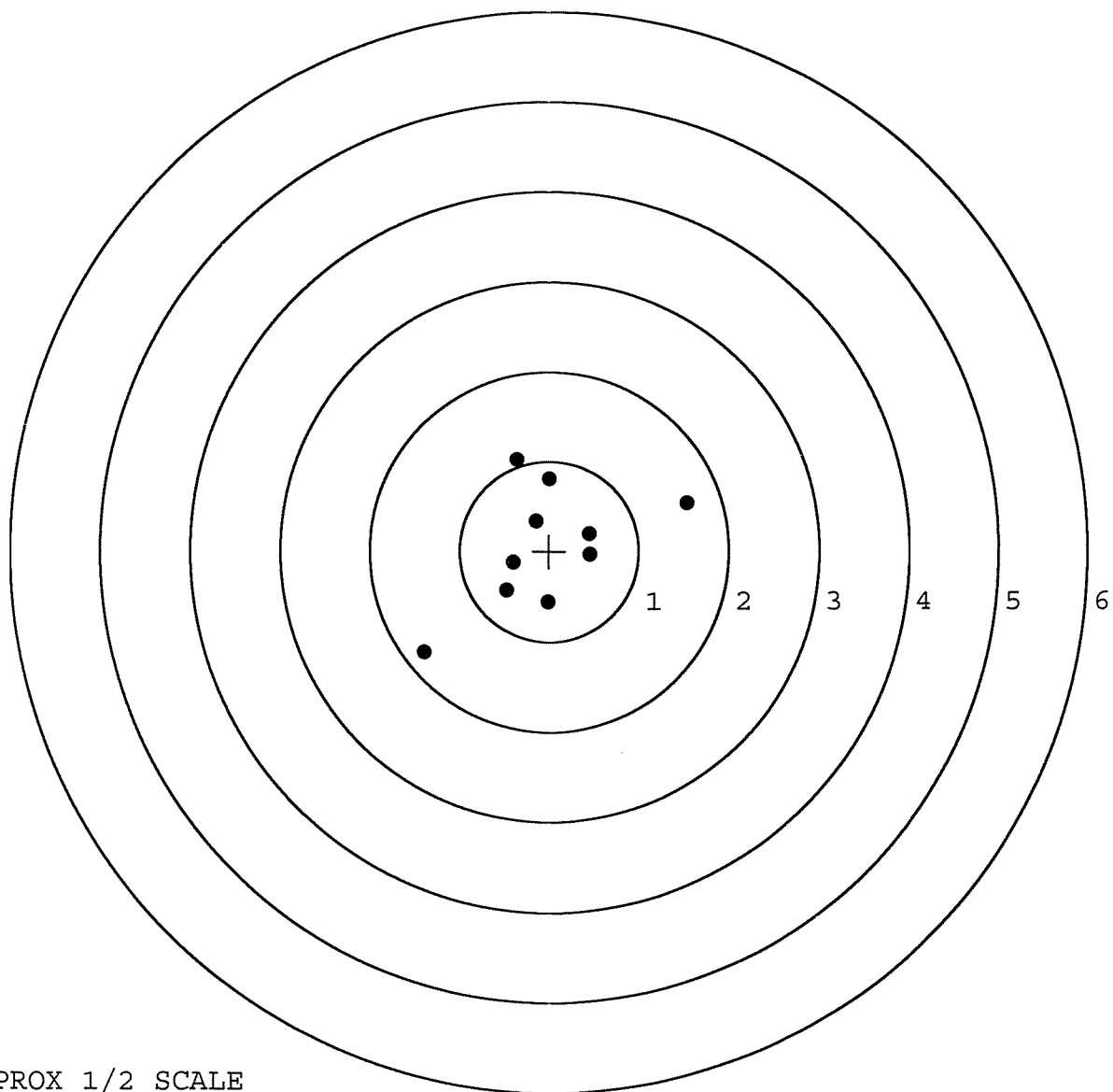
MEAN RADIUS: 0.821

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 8

POINT#	X	Y
1:	1.538	0.530
2:	0.450	0.193
3:	0.456	-0.045
4:	-0.019	-0.561
5:	-0.405	-0.132
6:	-0.476	-0.438
7:	-1.394	-1.124
8:	-0.362	1.018
9:	-0.001	0.804
10:	-0.152	0.333

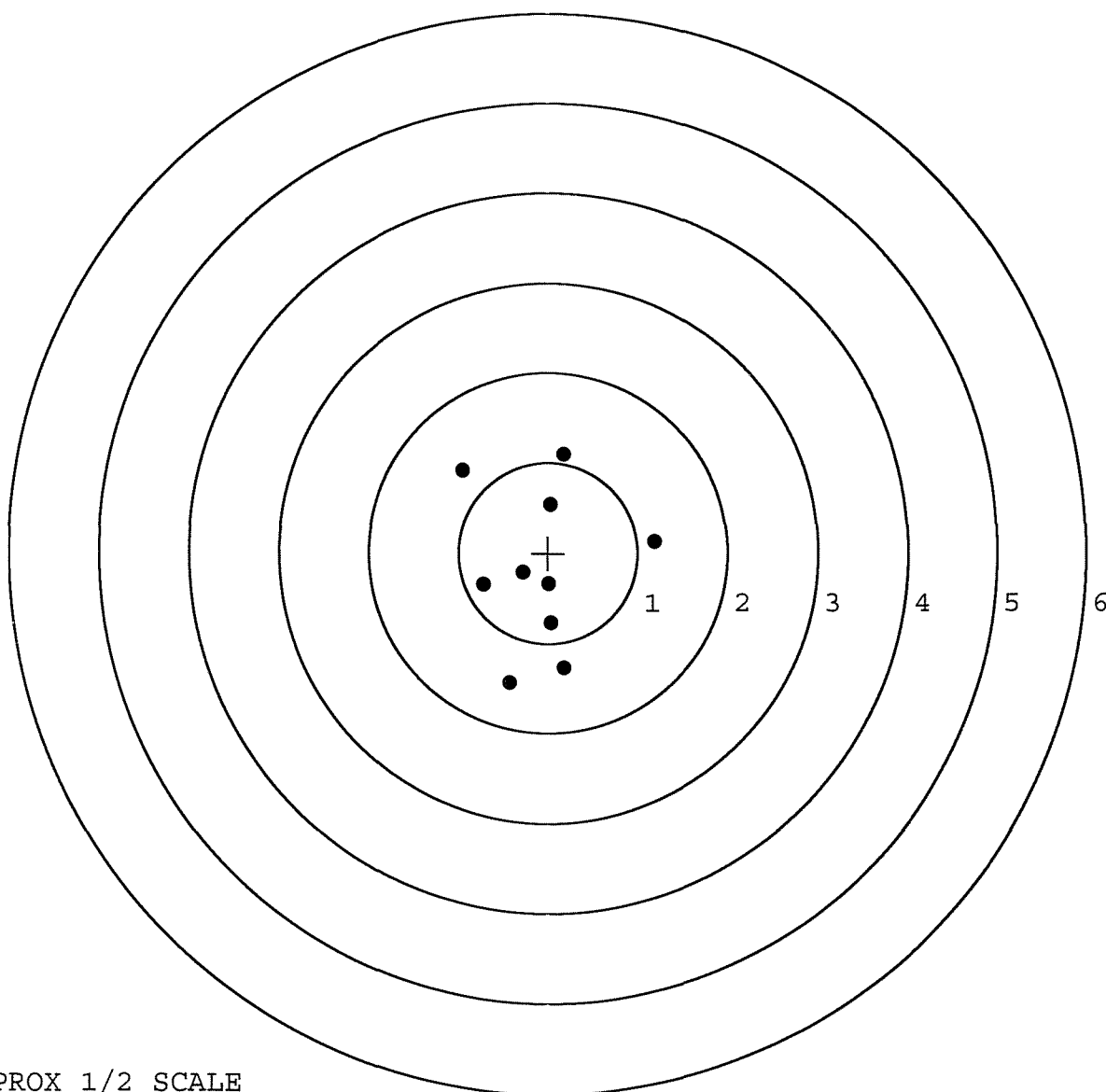


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225417. __0
TARGET NUMBER: 5
FILE DATE: 08/10/2005
FILE TIME: 09:21

X CENTROID: -0.075
Y CENTROID: -0.174
POA TO CENTROID: 0.189
HORZ SPREAD: 2.139
VERT SPREAD: 2.535
GROUP SPREAD: 2.456
MIN RADIUS: 0.191
MAX RADIUS: 1.389
MEAN RADIUS: 0.884
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 5
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	1.191	0.133
2:	0.012	-0.344
3:	-0.283	-0.214
4:	-0.725	-0.353
5:	0.035	-0.775
6:	0.181	-1.274
7:	-0.427	-1.444
8:	-0.948	0.907
9:	0.181	1.091
10:	0.036	0.537



TARGET APPROX 1/2 SCALE

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

R. & E NUMBER	92203		
SERIAL NUMBER	C6225417		
LOG-IN DATE	2-1-05		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	6-14-05	RTZ
560 A	RE-BARREL	6-20-05	RTZ
B	DRILL AND TAP	6-22-05	TRW
575	ASSEMBLE	6-20-05	RTZ
600	PROOF	6-22-05	AC
605	CHECK HEADSPACE	6-22-05	AC
610	DIS-ASSEMBLE GUN	6-22-05	RTZ
612	MAGNAFLUX	6/23/05	und
615	ROLLMARK CALIBER	6-23-05	CW
618	ROTO-BLAST	7/7/05	JS
620	APPLY COATINGS	7-18-05	WJ
625 A	FINAL ASSEMBLY	8-3-05	RTZ
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE	8-16-05	AC
D	SAFETY "OFF" FORCE	8-16-05	AC
E	FIRING PIN INDENT	8-16-05	AC
640	TARGET	8-10-05	AC
655	FINAL INSPECT	8-16-05	AC
660	PACK	9-19-05	DAH
		SHIP DATE	
		QAR INSPECTION DATE	

Remington®

MODEL 700™ H24

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

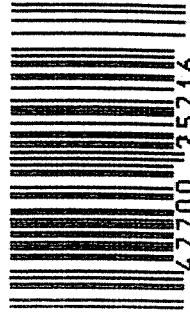

REG. U.S. PAT. & TM. OFF.

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


5716 C6225417

SERIAL NO.
C6225417

ORDER NO.
5716


0 47700 25716 7

LPC

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6225417

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	12 9. 88		RW
600	Proof	12 9 88		RW
607	Check Headspace	12 9 88		RW
610	Dis-assemble Gun	12 9 88		RW
612	Magnaflux Barrel Action		12 22 88	RK.
	Magnaflux Bolt		1-3-89	RK.
615	Rollmark Caliber		12/22/88	WBC
617	Drill and Tap Sight Holes	1 3 89		FB
618	Polish Barrel	12 2 88		WJT
620	Apply Coatings (Barrel Action)		1-18-89	ASX
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		2/3/89	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		2/3/89	RW
	C) Inspect Ejector Hole for Chamfer		2/3/89	RW
	D) Oil Firing Pin Ass'y		2/3/89	RW
	E) Adjust Trigger Pull to Min Setting and Stake		3/9/89	JS

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5	5	5			6/26/89	JS
	G) Safety Off Force	4	4	4			6/26/89	JS
	H) Trigger Pull Test & Retainability						3/26/89	JS
	I) Firing Pin Indent	.021	.021	.021			6/26/89	JS
	J) Assemble Stock						2/14/89	RW
	K) Assemble Swivel Studs						17/26/89	JS
	L) Attach Front and Rear Sight Assemblies						2/14/89	RW
	M) Iron Sight Alignment						2/14/89	RW
	N) Detach Front & Rear Sights & place in numbered container						2/14/89	RW
	O) Attach Scope to Rifle						15/26/89	JS
	P) Detach & Attach Scope 20 Times						15/26/89	JS
640	Gallery Target & Test	40R	112L				2/16/89	AC
	A) Time						11	AC
	B) Malfunctions				NONE		11	AC
	C) Pierced Primers				NONE		11	AC
	D) Optical Clarity of Scope				OK		2/14/89	AC
645	Inspect for Live Ammo				NONE		2/16/89	AC
655	Final Inspection							
	A) Headspace						17/26/89	JS
	B) Trigger Pull	2.47	2.44	2.46	2.46	2.47	17/26/89	JS
	C) Function						17/26/89	JS
660	Pack						23 Mar 89	JS

SWS TRIGGER PULL TEST

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

5417
SERIAL NO. C6225603
DATE 4 April 89
TESTER JS

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.31	2.39	2.24	2.16	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.41	2.38	2.20	2.15	
PULL #3	2.41	2.41	2.13	2.07	
PULL #4	2.24	2.46	2.15	2.12	
PULL #5	2.29	2.18	2.17	2.11	
TOTAL	11.66	11.82	10.89	10.61	
AVG.	2.332	2.364	2.178	2.122	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.17	3.14		
PULL #2	3.02	2.84		
PULL #3	2.99	2.89		
PULL #4	3.37	2.84		
PULL #5	3.03	3.17		
TOTAL	16.28	14.88		
AVG.	3.256	2.976		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.14	4.27		4.23
PULL #2	4.09	4.18		4.34
PULL #3	4.20	4.14		4.27
PULL #4	4.27	4.10		4.44
PULL #5	4.14	4.06		4.41
TOTAL	20.84	20.75		21.69
AVG.	4.168	4.15		4.338

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06225417
17 Feb 1989

CENTROIDAL DISTANCES

0 TO	1	.608395
1 TO	2	.639077
1 TO	3	.633246
1 TO	4	.33228
1 TO	5	1.47014

$\frac{L_q}{t^2}$ (----POA
5

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .3862
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0938
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .397428
THE AMR FOR THIS RIFLE IS: .8754

17 Feb 1989

FILE:/PATTERNING/CENTERFIRE_PATT/08225417

CENTERFIRE PATTERNS

1

FOR

1 in circle

2 in circle

3 in circle

OF SHOTS = 10

IN CIR

1 in = 2

2 in = 6

3 in = 10

HS = 2.195

VS = 1.650

GS = 2.336

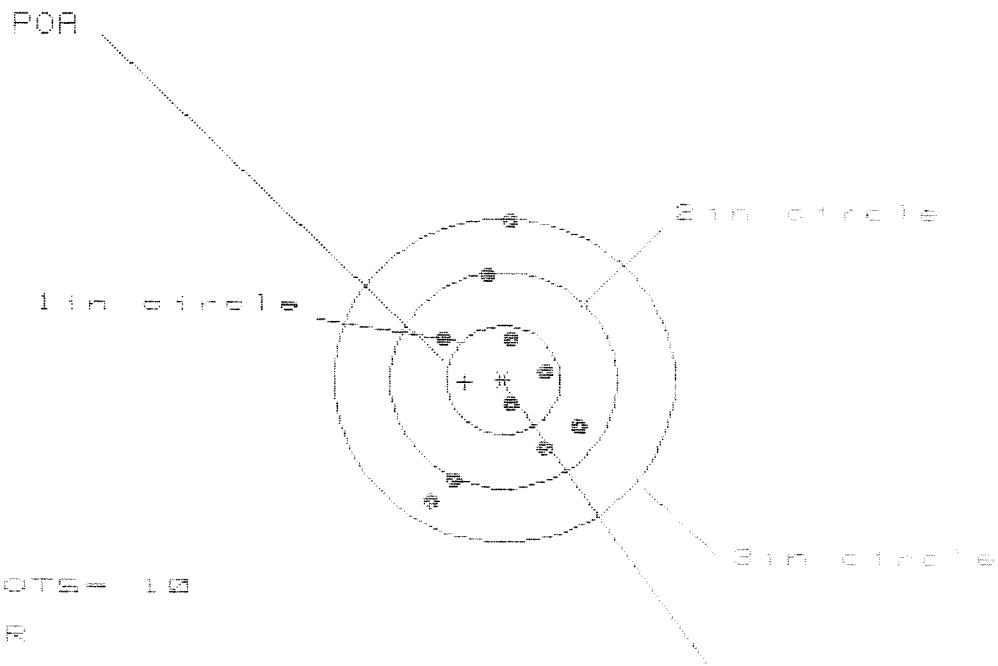
CENTROID #

PATTERN #	:	1	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.049	.944	.788
MINIMUM X	:	-1.146	-1.251	-1.700
MAXIMUM Y	:	.861	.621	.677
MINIMUM Y	:	-.789	-.693	-.637
CENTROID X	:	.073	.178	.334
CENTROID Y	:	.604	.508	.452
FOR TO CENTROID in.	:	.608	.538	.562
MIN RADIUS	:	.116	.190	.353
MEAN RADIUS	:	.793	.727	.646
MAX RADIUS	:	1.279	1.328	.994
HORIZONTAL SPREAD	:	2.195	2.195	1.488
VERTICAL SPREAD	:	1.650	1.314	1.314
EXTREME SPREAD	:	2.336	2.222	1.733
NUMBER IN ONE INCH CIRCLE	=	2		
NUMBER IN TWO INCH CIRCLE	=	6		
NUMBER IN THREE INCH CIRCLE	=	10		

17 Feb 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C8225417

CENTERFIRE PATTERNS # 2



OF SHOTS = 10

IN CIR

1 in = 3

2 in = 7

3 in = 10

HS = 1.251

VS = 2.586

GS = 2.672

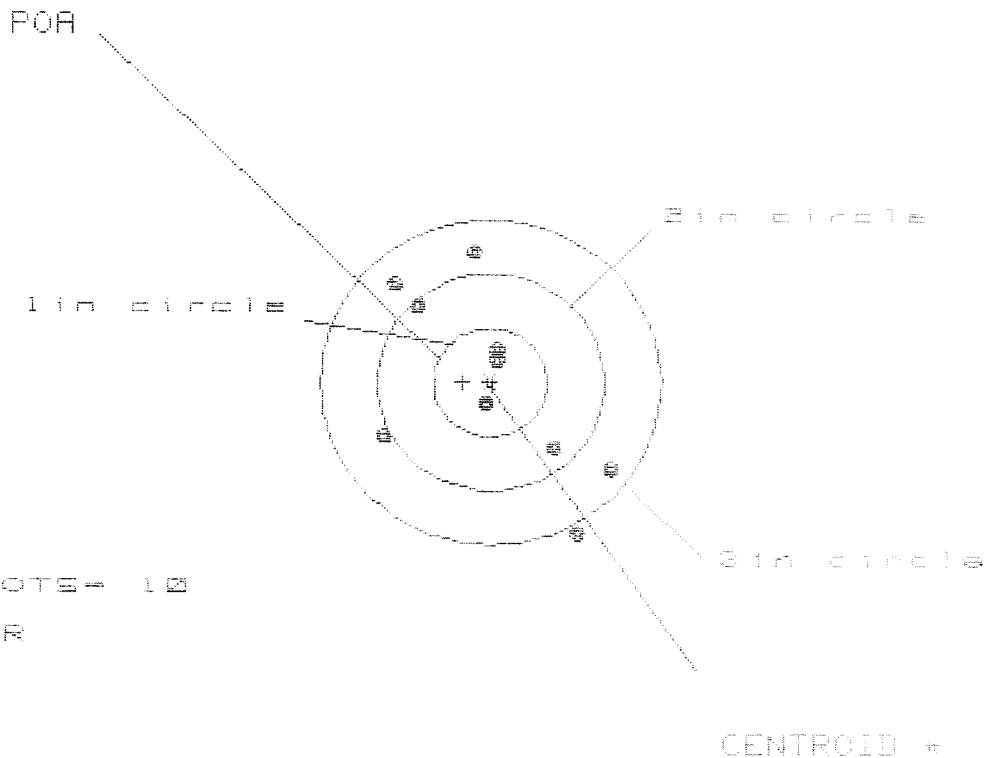
CENTROID *

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.656	.661	.587
MINIMUM X	:	-.595	-.590	-.607
MAXIMUM Y	:	1.472	1.136	1.016
MINIMUM Y	:	-1.124	-.960	-.907
CENTROID X	:	.337	.332	.406
CENTROID Y	:	.022	-.142	-.021
POA TO CENTROID in.	:	.338	.361	.407
MIN RADIUS	:	.218	.108	.153
MEAN RADIUS	:	.800	.714	.644
MAX RADIUS	:	1.473	1.142	1.034
HORIZONTAL SPREAD	:	1.251	1.251	1.194
VERTICAL SPREAD	:	2.596	2.096	1.922
EXTREME SPREAD	:	2.672	2.148	1.942
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		10	

17 Feb 1989

FILE:/PATTERNING/CENTERFIRE_PATT/06225417

CENTERFIRE PATTERNS # 3



OF SHOTS= 10

IN CIR

1 in = 3

2 in = 5

3 in = 9

HS= 1.979

VS= 2.593

GS= 2.758

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.062	1.142	.816
MINIMUM X	:	-.917	-.837	-.694
MAXIMUM Y	:	1.246	1.096	.977
MINIMUM Y	:	-1.347	-.950	-.818
CENTROID X	:	.243	.163	.020
CENTROID Y	:	-.006	.144	.263
POA TO CENTROID in.	:	.243	.218	.263
MIN RADIUS	:	.203	.187	.317
MEAN RADIUS	:	.987	.982	.720
MAX RADIUS	:	1.526	1.485	1.155
HORIZONTAL SPREAD	:	1.979	1.979	1.510
VERTICAL SPREAD	:	2.593	2.046	1.795
EXTREME SPREAD	:	2.758	2.575	2.062
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		9	

17 Feb 1989

FILE:/PATTERNING/CENTERFIRE_PATT/08225417

CENTERFIRE PATTERNS

4

POA

1 in circle

2 in circle

3 in circle

CENTROID +

OF SHOTS= 10

IN CIR

1 in = 0

2 in = 5

3 in = 9

HS= 2.524

VS= 2.126

GS= 2.792

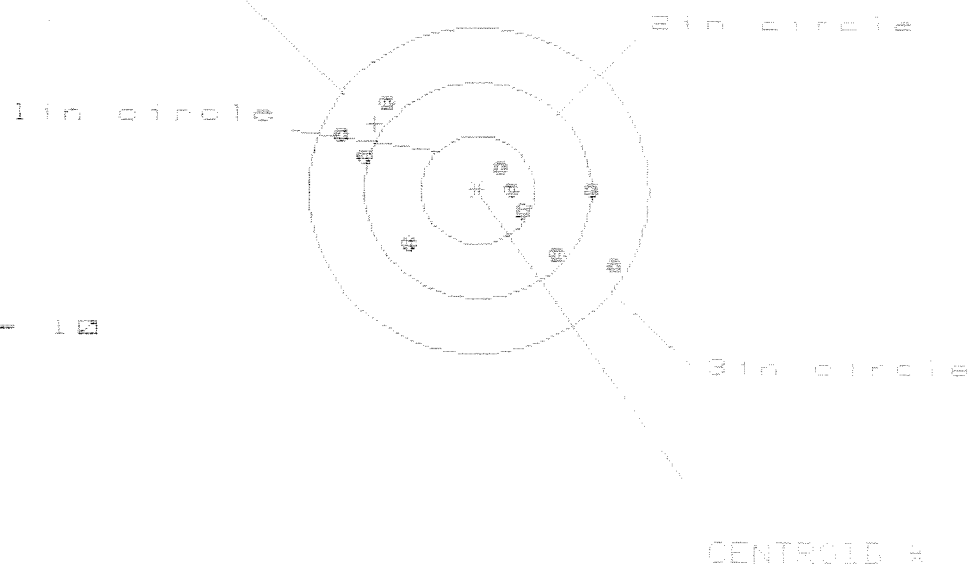
PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.589	1.268	.981
MINIMUM X	:	-.935	-.758	-.600
MAXIMUM Y	:	1.066	1.079	.746
MINIMUM Y	:	-1.121	-1.047	-.912
CENTROID X	:	.370	.193	.635
CENTROID Y	:	.455	.382	.247
POA TO CENTROID in.	:	.587	.428	.249
MIN RADIUS	:	.606	.600	.459
MEAN RADIUS	:	1.050	.949	.830
MAX RADIUS	:	1.722	1.665	1.041
HORIZONTAL SPREAD	:	2.524	2.026	1.581
VERTICAL SPREAD	:	2.126	2.126	1.658
EXTREME SPREAD	:	2.792	2.650	1.923
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		9	

17 Feb 1989

FILE:/PATTERNING/CENTERFIRE_PATT/06225417

CENTERFIRE PATTERNS # 5

FOR



OF SHOTS- 10

IN CIR

1in = 3

2in = 6

3in = 10

HS= 2.388

VS= 1.519

GS= 2.668

PATTERN #	:	5	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.151	1.071	.932
MINIMUM X	:	-1.237	-1.109	-1.012
MAXIMUM Y	:	.836	.760	.814
MINIMUM Y	:	-.683	-.630	-.576
CENTROID X	:	.908	.780	.919
CENTROID Y	:	-.606	-.530	-.584
FOR TO CENTROID in.	:	1.092	.943	1.089
MIN RADIUS	:	.290	.382	.279
MEAN RADIUS	:	.847	.809	.722
MAX RADIUS	:	1.338	1.189	1.132
HORIZONTAL SPREAD	:	2.388	2.180	1.944
VERTICAL SPREAD	:	1.519	1.390	1.390
EXTREME SPREAD	:	2.668	2.237	1.996
NUMBER IN ONE INCH CIRCLE	=	3		
NUMBER IN TWO INCH CIRCLE	=	6		
NUMBER IN THREE INCH CIRCLE	=	10		

RECEIVING AND ESTIMATING REPORT

R 94-09531

INITIAL FPS	CUSTOMER ORDER NO.	ATTN: FRED MARTIN W/ULTRA 10X-M3A SCOPE M-24				
DATE RECEIVED 03/14/94	DATE OPENED 03/15/94	DATE CODE BJ 1-89	SERIAL NUMBER C6225417	NEW SERIAL NUMBER	MODEL AND GRADE 700 7.62	NATO
ACCESSORIES W/STUDS		SCOPE MNTS		SCOPE BASE		

FROM:

DEPT. OF THE ARMY
CDR 82ND ABN DIV
HHC 1-325 AFR/UNIT ARMS ROOM
FORT BRAGG NC 28307

SHIP TO:

DEPT. OF THE ARMY
CDR 82ND ABN DIV
HHC 1-325 AFR/UNIT ARMS ROOM
FORT BRAGG NC 28307

CUST NO: 094133 C.O.D.L.

ACCOUNT NUMBER	ACCOUNT NUMBER N/C	WRITE ☐	PROM. DATE	ESTIMATED	VIA UPS
GUN CONDITION					REPAIR CHARGE
☐ NEW					EXCISE
☐ LIGHTLY WORN					TAX
☐ WORN					INSURANCE
☐ VERY WORN					UPS
☐ UNREPAIRABLE					PARCEL POST
☐ MARRED					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

Crown is burned, Barrel does not float, Barrel is
Nicked, Buttstock is loose

PARTS	COMMENTS					
	Re - powder Coat. Barrel & Bolt ASSY. Floor plate, Latch, Trigger Guard, Front & Rear Sigh Bases.					
	ReZinc - Scope Base, Scope Ring & Swivel Studs.					
	Rebedded Stock to Barrel Action.					
	Crown OK, Buttstock OK					
	REPAIRMAN RW	PROOF	CLEAN	TEST ✓	TARGET	PATTERN
	GALLERY TESTER RW	DATE	DATE	DATE 4/18/94	DATE	DATE

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RD6925 REV. 1/94

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER

M2400060462

DEPARTMENT OF THE ARMY
CDR, 82ND ABN DIV
HHC, 1-325 AFR
Attn: Unit Arms RM.
Fort Bragg, NC. 28307-5700
OFFICIAL BUSINESS

DA Label 18-1, Sep 83
Edition of Oct 74 will be used until exhausted.

Remington Arms Co. Inc.
Attn: Fabricated Products Dept.
14 Hoefler Avenue
ILion, NY. 13357-1816

