

C6587511

MODEL 700™ M24

Model **SMS**™

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.

Remington

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: **RE00089048** Serial: C6587511 Model: M24 SWS Center Fire Caliber: 7.62 NATO Repairman: Status: Closed 12/6/2004 7:57:18 AM

Verify Repair

Address Information

Customer: ☒ Received From: ☐ Return To: ☐ Received From: ☐

Name: **TRANSPORTATION OFFICER** **TRANSPORTATION OFFICER**

Address 1: **DEF DIST DEPOT ANNISTON AL** **DEF DIST DEPOT ANNISTON AL**

Address 2: PO Box: PO Box:

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

State: **AL** Zip Code: **36201** Country: **US** State: **AL** Zip Code: **36201** Country: **US**

FFL: ☐ ☐ ☐ ☐ ☐ ☐ ☐

Contact / Condition **Problems** **Estimate** **History / Status** **Shipping / Billing**

Contact Information

Phone: **NA**

Fax:

Email:

Comments:

Received Condition

Condition: **Fair**

Condition Notes:

CSR Notes:

Accessories Received

Code	Desc	Qty
A006	Sling Strap	1
A007	With Studs	3
A010	Hard Case	1
A023	Scope w/case	1
A055	Deployment Kit	1
A057	Front and Rear Sgt Base	3

Repair Search Refresh Close

nalet 12/6/2004 8:55 AM CAPS NUM INE SCPL

start 2 2 2 2 2 2 2 2

Serial Number: **C6587511**

Model: **M24 SWS**



RE00089048

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6587511.___0
FILE DATE AND TIME: 01/06/2005 07:26

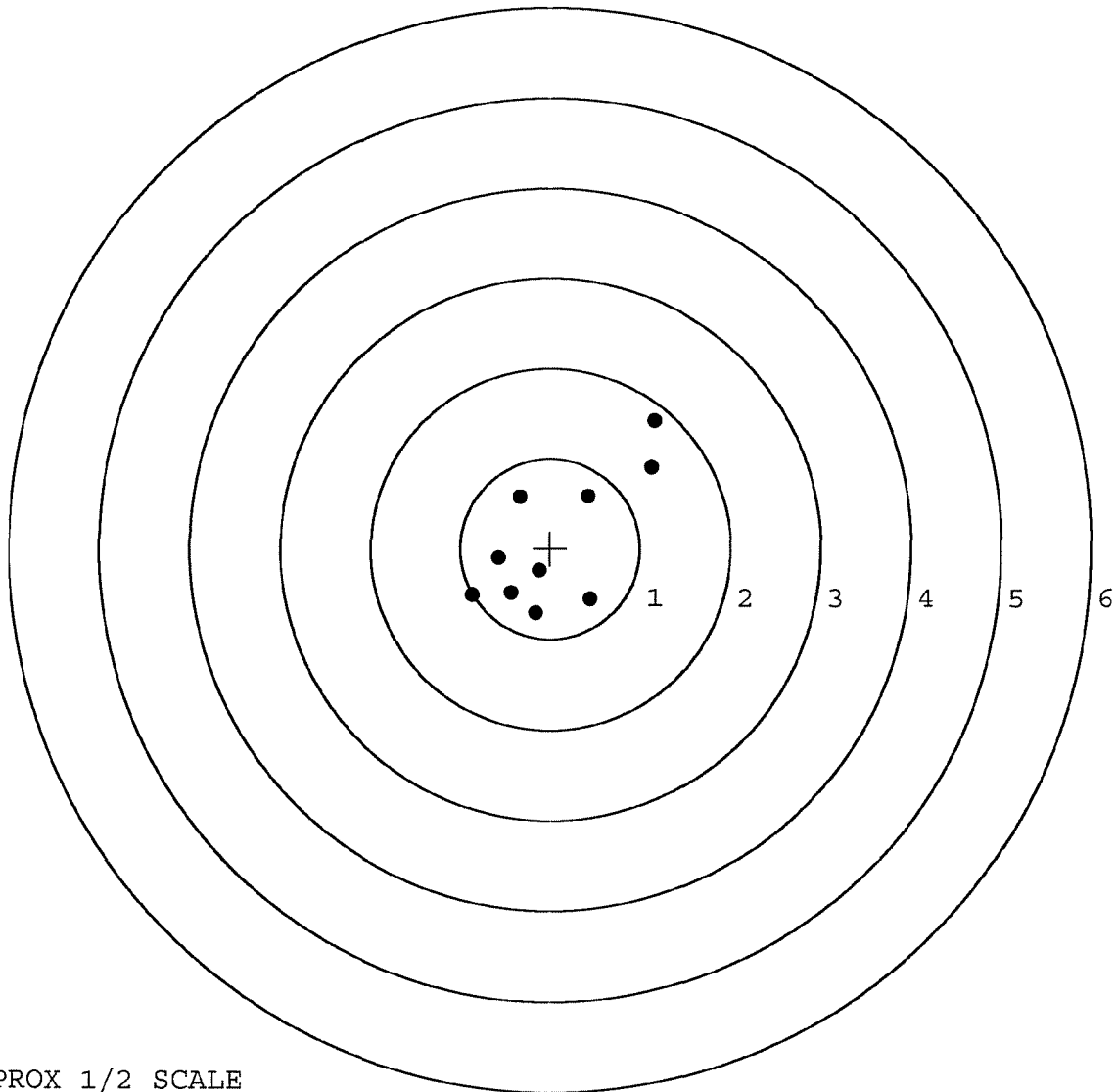
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.060
The Average Y Centroid of the Five Target Set:	-0.067
The Average Point of Impact of the Five Target Set:	0.090
The Average Mean Radius of the Five Target Set:	0.821
The Distance from POA to Centroid Target #1:	0.102
The Distance from Centroid Target #2 to Centroid Target #1:	0.360
The Distance from Centroid Target #3 to Centroid Target #1:	0.165
The Distance from Centroid Target #4 to Centroid Target #1:	0.389
The Distance from Centroid Target #5 to Centroid Target #1:	0.231

SERIAL NUMBER: C6587511.___0
TARGET NUMBER: 1
FILE DATE: 01/06/2005
FILE TIME: 07:26

X CENTROID: 0.064
Y CENTROID: 0.080
POA TO CENTROID: 0.102
HORZ SPREAD: 2.023
VERT SPREAD: 2.144
GROUP SPREAD: 2.803
MIN RADIUS: 0.382
MAX RADIUS: 1.726
MEAN RADIUS: 0.885
IN 1 IN DIAMETER: 1
IN 2 IN DIAMETER: 7
in 3 IN DIAMETER: 9

POINT#	X	Y
1:	1.124	0.903
2:	1.155	1.418
3:	0.426	0.585
4:	-0.345	0.576
5:	0.447	-0.570
6:	-0.124	-0.253
7:	-0.162	-0.726
8:	-0.575	-0.112
9:	-0.868	-0.522
10:	-0.440	-0.498

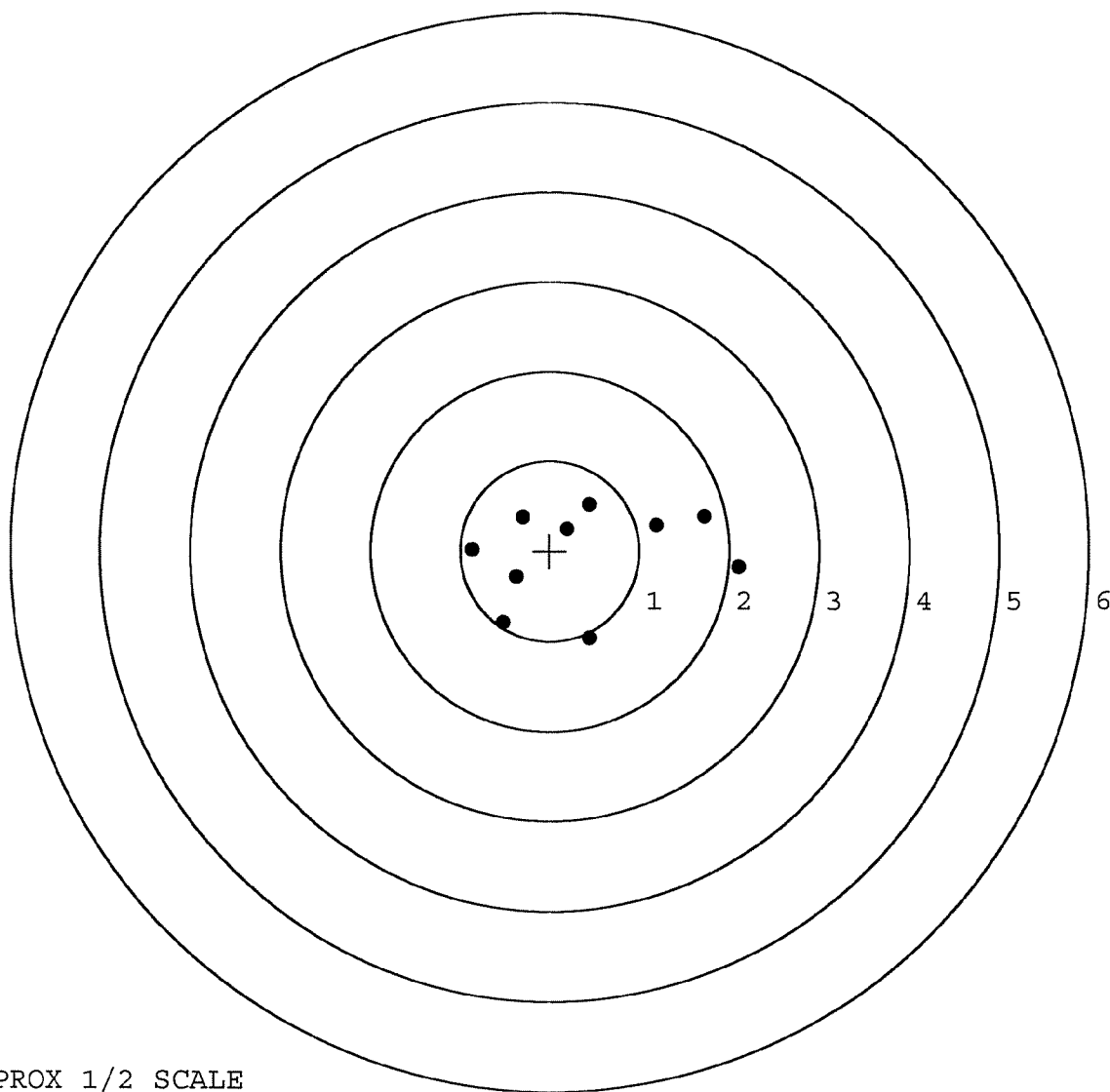


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6587511. __0
TARGET NUMBER: 2
FILE DATE: 01/06/2005
FILE TIME: 07:26

POINT#	X	Y
1:	2.101	-0.185
2:	1.725	0.385
3:	1.190	0.286
4:	0.441	-0.973
5:	-0.524	-0.795
6:	-0.376	-0.287
7:	0.196	0.243
8:	0.444	0.514
9:	-0.304	0.374
10:	-0.873	0.017

X CENTROID: 0.402
Y CENTROID: -0.042
POA TO CENTROID: 0.404
HORZ SPREAD: 2.974
VERT SPREAD: 1.487
GROUP SPREAD: 2.981
MIN RADIUS: 0.352
MAX RADIUS: 1.705
MEAN RADIUS: 0.989
IN 1 IN DIAMETER: 1
IN 2 IN DIAMETER: 6
in 3 IN DIAMETER: 9

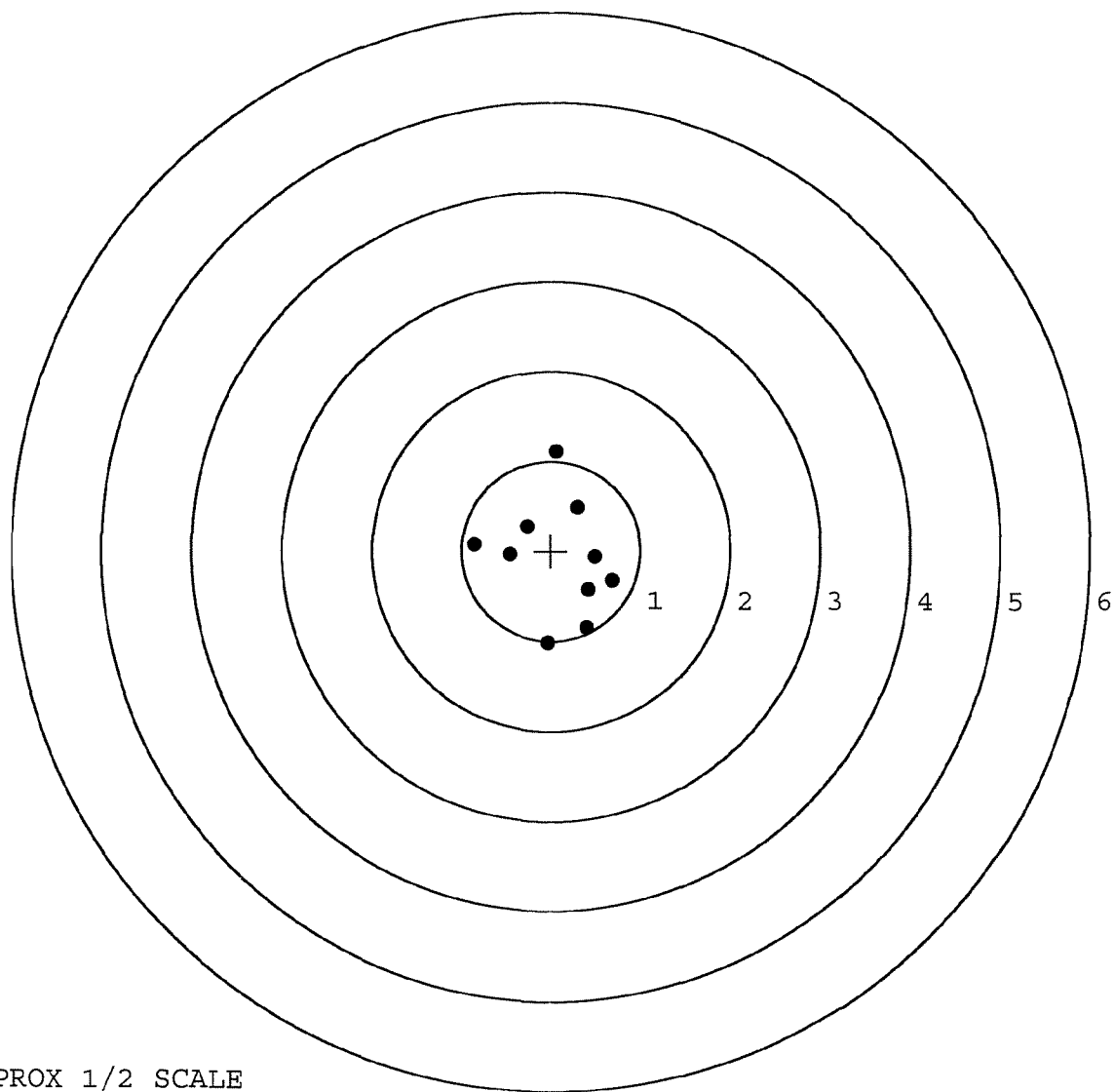


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6587511. __0
TARGET NUMBER: 3
FILE DATE: 01/06/2005
FILE TIME: 07:26

X CENTROID: 0.075
Y CENTROID: -0.084
POA TO CENTROID: 0.113
HORZ SPREAD: 1.547
VERT SPREAD: 2.133
GROUP SPREAD: 2.135
MIN RADIUS: 0.424
MAX RADIUS: 1.195
MEAN RADIUS: 0.714
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.055	1.111
2:	0.296	0.483
3:	-0.270	0.267
4:	-0.454	-0.049
5:	-0.856	0.073
6:	-0.040	-1.022
7:	0.401	-0.857
8:	0.691	-0.339
9:	0.426	-0.439
10:	0.499	-0.071

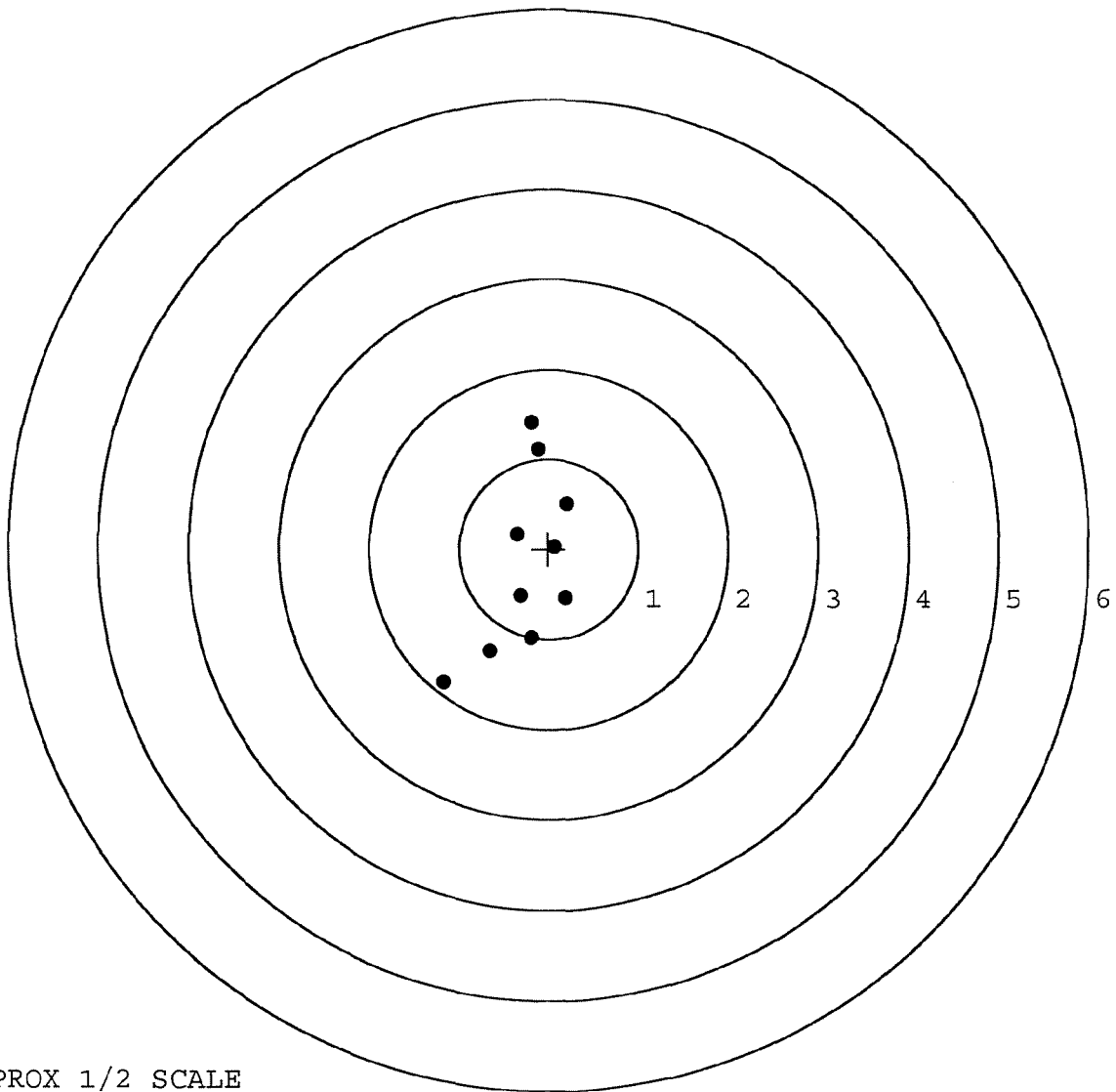


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6587511. __0
TARGET NUMBER: 4
FILE DATE: 01/06/2005
FILE TIME: 07:26

X CENTROID: -0.254
Y CENTROID: -0.144
POA TO CENTROID: 0.292
HORZ SPREAD: 1.377
VERT SPREAD: 2.889
GROUP SPREAD: 3.050
MIN RADIUS: 0.321
MAX RADIUS: 1.618
MEAN RADIUS: 0.882
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 6
in 3 IN DIAMETER: 8

POINT#	X	Y
1:	-1.173	-1.476
2:	-0.659	-1.130
3:	-0.194	-0.990
4:	-0.314	-0.521
5:	0.193	-0.545
6:	0.069	0.025
7:	-0.355	0.161
8:	0.204	0.508
9:	-0.117	1.113
10:	-0.194	1.413

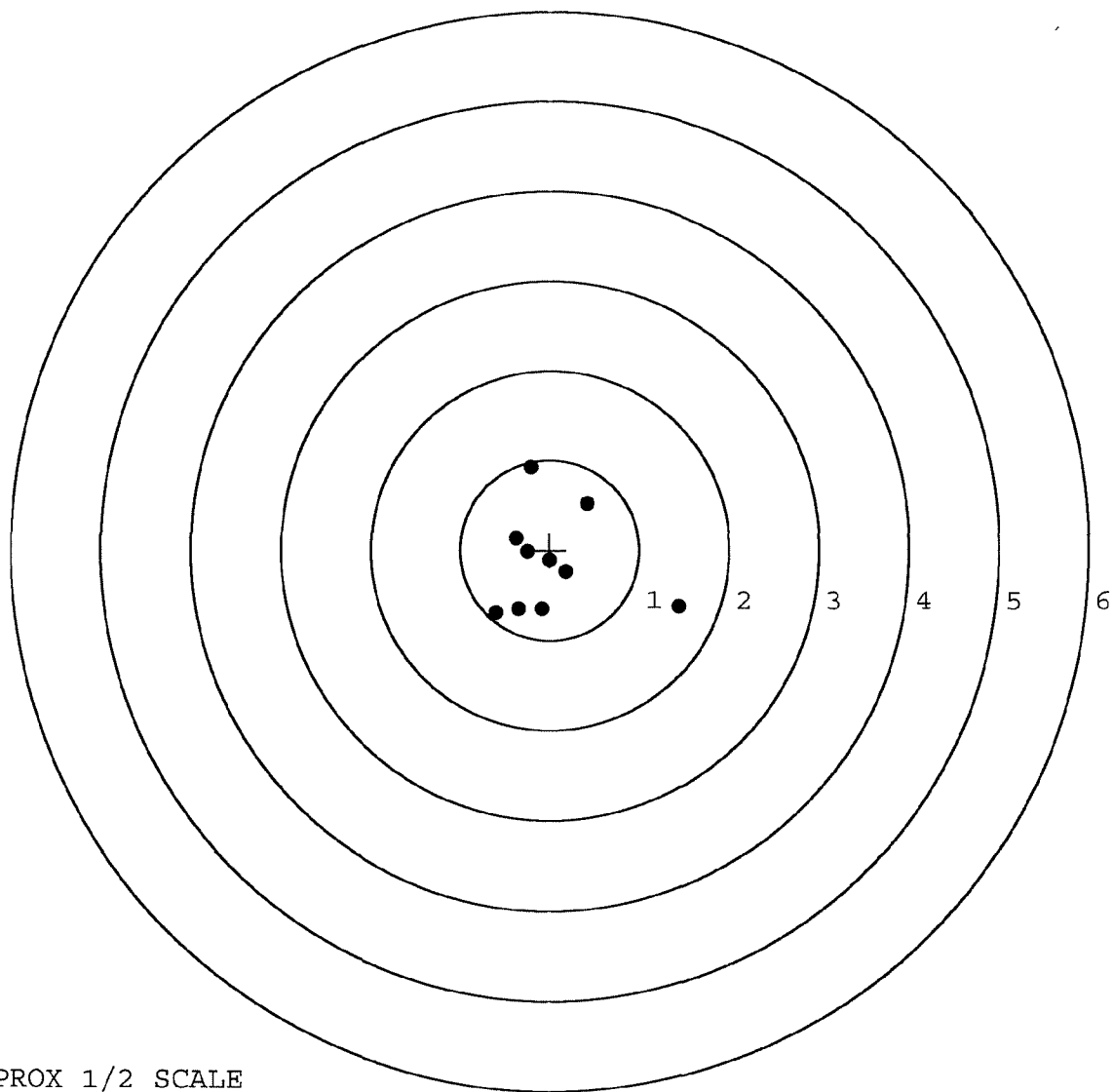


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6587511. __0
TARGET NUMBER: 5
FILE DATE: 01/06/2005
FILE TIME: 07:26

X CENTROID: 0.015
Y CENTROID: -0.146
POA TO CENTROID: 0.147
HORZ SPREAD: 2.042
VERT SPREAD: 1.615
GROUP SPREAD: 2.262
MIN RADIUS: 0.036
MAX RADIUS: 1.503
MEAN RADIUS: 0.634
IN 1 IN DIAMETER: 4
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 9

POINT#	X	Y
1:	1.439	-0.629
2:	0.415	0.513
3:	-0.210	0.919
4:	-0.603	-0.696
5:	-0.348	-0.656
6:	-0.092	-0.658
7:	0.185	-0.246
8:	-0.005	-0.117
9:	-0.247	-0.020
10:	-0.379	0.130



TARGET APPROX 1/2 SCALE

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

R & E NUMBER	89048		
SERIAL NUMBER	C6587511		
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	MAGNA-FLUX INSPECTED DEC 27 2004 OPERATOR	
615	ROLLMARK CALIBER	12-27-04	CW
618	ROTO-BLAST	12/28/04	DG
620	APPLY COATINGS	1/3/05	HP
625 A	FINAL ASSEMBLY	1-05-05	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	

COMMENTS

R ORDER
95-17764

FROM:

DEPT OF THE ARMY
USPFO FOR ALASKA - P O BOX B
CAMP DENALI
FT RICHARDSON AK 99505

SHIP TO:

DEPT OF THE ARMY
USPFO FOR ALASKA - P O BOX B
CAMP DENALI
FT RICHARDSON AK
99505

CUST NO: 122221 CJD.DL

ACCOUNT NUMBER		ACCOUNT NUMBER N/C		PROM. DATE		ESTIMATED 7-22-96		VIA UPS	
		WRITE ☐							
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						

PARTS		COMMENTS					
✓ NEW Stock TRIGGER Assy Front & Rear Sight Assy							
REPAIRMAN	PROOF	CLEAN	TEST	TARGET	PATTERN		
REP			✓				
GALLERY TESTER	DATE	DATE	DATE	DATE	DATE		
RW			7/27/96				

OFFICE COPY

BD6925 REV. 1/94

**CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON**

M2400021804

ITEM NOMENCLATURE		NET QUANTITY PER PACKAGE		TRANSPORTATION CONTROL NO. WCLJTW50479052XXX	
		CONSIGNMENT GROSS WEIGHT 400		DESTINATION ILION, NY 13357	
SUPPLEMENTAL INFORMATION DOD CONSTANT SURVEILLANCE REQUIRED				LOAD STORAGE/GROUP	
				FLASH POINT	
This is to certify that the above named materials are properly classified, described, packaged, marked and labeled, and are in proper condition for transportation according to the applicable regulations of the Dept of Transportation. THIS IS A MILITARY SHIPMENT! (Complete applicable blocks below)					
☒	This shipment is within the limitations prescribed for PASSENGER AIRCRAFT/CARGO AIRCRAFT ONLY (Delete nonapplicable aircraft)		ATA/IATA/IMCO REGULATIONS		
	AFR 71-4, TM 38-250, NAVSUPPUB 505, MCO P4030.19, DLAM 4145.3, Paragraph			PARAGRAPH	EXEMPTION
☒	DOD 4500.32R (MILSTAMP) CHAP 2, SEC B, PARA 4		49 cfr	173.74a	DOT-E 7573
ADDRESS USPFO FOR ALASKA, PO BOX B, CAMP DENALI OF SHIPPER FT RICHARDSON, AK 99505-2610			TYPED NAME, SIGNATURE AND DATE CATHIE FREEMAN, 14 JUN 95, 428-6162		
DD Form 1387-2, JUN 86			Previous editions are obsolete. Form Approved / OMB No. 0704-0188		
SPECIAL HANDLING DATA/CERTIFICATION					

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

M2400021805



SIGNATURE AND TALLY RECORD (See DOD 5100.76-M for guidance)				Form Approved OMB NO. 0702-0027 Expires May 31, 1997	
Public reporting burden for this collection of information is estimated to average 3 minutes per response including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any aspect of this collection of information, including suggestions for reducing this burden, to Department of Defense, Washington Headquarters Services, Directorate for Information Operation and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA 22202-4302, and to the Office of Management and Budget, Paperwork reduction project (0702-0027), Washington, DC 20503. Please DO NOT RETURN your form to either of these addresses. Send your completed form to Headquarters, Military Traffic Management Command, ATTN: MTSS-SE, 5611 Columbia Pike, Falls Church, VA 22041-5050.					
DISTRIBUTION INSTRUCTIONS					
• The SHIPPER will prepare copies 1 through 4, retain copy 4 and deliver copies 1 through 3 to the Origin Carrier. • The CARRIER will deliver copies 1 through 3 to the Destination Carrier. • The DESTINATION CARRIER will attach copy 1 (reflecting all signatures) and Standard Form 1113 (Public Voucher for Transportation Charges) to the original Government Bill of Lading, and forward for payment. Copy 2 will be delivered to the Consignee. Copy 3 will be retained. • The CONSIGNEE will ensure Destination Carrier surrenders copy 2.					
SECTION I - TO BE COMPLETED BY THE SHIPPER					
1. SHIPPER a. NAME EDF			2. PROTECTIVE SERVICE REQUESTED		
b. ORIGIN			3. GBL OR CBL NUMBER		
4. CONSIGNEE a. NAME			5. PERMIT NUMBER (if any)		
b. DESTINATION ILION, NY			6. TRANSPORTATION CONTROL NUMBER WCI STW 6047 9052		
7. ROUTING			8. WEIGHT 400	9. CUBE 80	
10. SPECIAL INSTRUCTIONS			11. DATE SHIPMENT TENDERED TO CARRIER		12. NAME OF CARRIER
13. NUMBER OF PIECES 1	14. TYPE OF PACKAGE(S) (for unsealed loads only) OR CONVEYANCE IDENTIFICATION & SEAL NUMBERS (for sealed loads only)		15. FREIGHT CLASSIFICATION DESCRIPTION		
SECTION II - TO BE COMPLETED BY EACH PERSON ACCEPTING CUSTODY OF CLASSIFIED OR PROTECTED MATERIAL REQUIRING THE USE OF TRANSPORTATION PROTECTIVE SERVICE DURING TRANSIT.					
16. CUSTODY RECORD					
PRINT NAME OF PERSON AND COMPANY REPRESENTED a.	STATION INTERCHANGE POINT DESTINATION b.	SIGNATURE OF PERSON ACCEPTING CUSTODY c.	TIME ACCEPTED d.	DATE ACCEPTED e.	

DD FORM 1907, SEP 94

PREVIOUS EDITIONS ARE OBSOLETE. ORIGINAL - Finance Center - COPY 1

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

M2400021806

16. CUSTODY RECORD (Continued)

[illegible]

DD FORM 1907, SEP 94 (BACK)

SWS TRIGGER PULL TEST

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

SERIAL NO. C6587511

DATE 7-19-96

TESTER DA

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#	COMMENTS
PULL #1	2.73	2.62	2.28	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.61	2.80	2.77	
PULL #3	2.74	2.85	2.73	
PULL #4	2.80	2.90	2.67	
PULL #5	2.81	2.90	2.64	
TOTAL	13.69	14.07	13.09	
AVG.	2.73	2.81	2.61	

	3.00# INITIAL	3.00# AFTER 20 CYCLES	COMMENTS
PULL #1	3.34	3.04	
PULL #2	3.38	3.17	
PULL #3	3.41	2.97	
PULL #4	3.50	3.32	
PULL #5	3.52	2.95	
TOTAL	17.15	15.45	
AVG.	3.43	3.09	

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.29	4.12		4.12
PULL #2	4.49	3.96		4.37
PULL #3	4.41	4.38		4.05
PULL #4	4.45	4.29		4.27
PULL #5	4.47	4.01		4.17
TOTAL	22.11	20.76		20.98
AVG.	4.42	4.15		4.19

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5.25	5.75	5.5			8/2	SF
	G) Safety Off Force	4.5	4	4.5			8/2	SF
	H) Trigger Pull Test & Retainability							
	I) Firing Pin Indent	.021	.021	.021			8/2	SF
	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	2.60	2.50	2.67	2.67	2.58	8/2	SF
	C) Function							
660	Pack							

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

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			

Remington
MODEL 700™ H24

DUPONT
REGISTERED TRADEMARK

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

SERIAL NO.
C6587511

ORDER NO.
5716

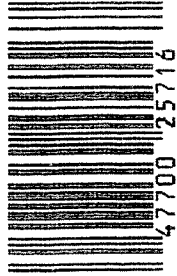
MADE IN LION, N.Y. USA. Reg. U.S. Pat. & Tm. Off. Marca Registrada. Marque Deposee.

01



5716 C6587511

UPC



0 47700 25716 7

M-24

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C 6587511

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		10/22/90	KH
600	Proof		10/22/90	KH
607	Check Headspace		10/22/90	KH
610	Dis-assemble Gun		10/22/90	KH
612	Magnaflux Barrel Action		10/24/90	KR
	Magnaflux Bolt		10/24/90	KR
615	Rollmark Caliber		10/24/90	LS
617	Drill and Tap Sight Holes		10/25/90	FB
618	Polish Barrel <i>AB</i>		10/26/90	WB
620	Apply Coatings (Barrel Action)		11-7-90	TH
	Apply Coating (Bolt)			TH
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	JH

op. #	OP. NAME	READINGS			DATE	INIT
625 cont.	F) Safety On Force	3 ³ / ₄	3 ³ / ₄	3 ³ / ₄	11/26/90	WLB
	G) Safety Off Force	2 ¹ / ₂	2 ¹ / ₂	2 ¹ / ₂	11/26/90	WLB
	H) Trigger Pull Test & Retainability				11/26/90	PH
	I) Firing Pin Indent	.0205	.021	.021	11/26/90	WLB
	J) Assemble Stock				11/28/90	KS
	K) Assemble Swivel Studs				11-29-90	QJ8
	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				11/28/90	NF
	A) Time				"	NF
	B) Malfunctions				"	NF
	C) Pierced Primers				"	NF
	D) Optical Clarity of Scope				"	NF
645	Inspect for Live Ammo				11/28/90	NF
655	Final Inspection				11-29-90	QJ8
	A) Headspace				11-29-90	QJ8
	B) Trigger Pull	2.30	2.31	2.54	11-29-90	QJ8
	C) Function				11-29-90	QJ8
660	Pack				12/14/90	NF

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

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

SERIAL NO. C6587511

DATE 11-26-90

TESTER JLP

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.29	2.46	2.43	2.30	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.27	2.37	2.25	2.31	
PULL #3	2.41	2.45	2.19	2.54	
PULL #4	2.22	2.32	2.18	2.36	
PULL #5	2.38	2.49	2.25	2.50	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.14	3.26		
PULL #2	3.21	3.20		
PULL #3	3.18	3.30		
PULL #4	3.20	3.29		
PULL #5	3.18	3.30		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.22	4.24		4.22
PULL #2	4.14	4.25		4.23
PULL #3	4.25	4.29		4.26
PULL #4	4.31	4.27		4.22
PULL #5	4.31	4.15		4.25
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6587511
29 Nov 1990

CENTROIDAL DISTANCES

0 TO 1	.104938
1 TO 2	.155206
1 TO 3	.115248
1 TO 4	.0933809
1 TO 5	.180737

✱ <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0128
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0242
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0273766

THE AMR FOR THIS RIFLE IS: 1.016

29 Nov 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C8587511

CENTERFIRE PATTERNS # 1

POA

1in circle

2in circle

3in circle

CENTROID *

OF SHOTS- 10

IN CIR

1in = 2

2in = 4

3in = 8

HS= 1.756

VS= 2.837

GS= 2.838

PATTERN #	1	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.021	1.066	.515
MINIMUM X	-.735	-.690	-.557
MAXIMUM Y	1.646	1.347	1.317
MINIMUM Y	-1.191	-1.008	-.839
CENTROID X	-.014	-.059	-.192
CENTROID Y	-.104	-.287	-.456
POA TO CENTROID in.	.105	.293	.495
MIN RADIUS	.131	.062	.276
MEAN RADIUS	.980	.871	.748
MAX RADIUS	1.696	1.718	1.399
HORIZONTAL SPREAD	1.756	1.756	1.072
VERTICAL SPREAD	2.837	2.355	2.156
EXTREME SPREAD	2.838	2.647	2.156
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	4		
NUMBER IN THREE INCH CIRCLE =	8		

29 Nov 1998

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CENTERFIRE PATTERNS # 2

POA

1in circle

2in circle

3in circle

OF SHOTS - 10

IN CIR

1in = 1

2in = 4

3in = 9

HS= 2.388

VS= 3.177

GS= 3.241

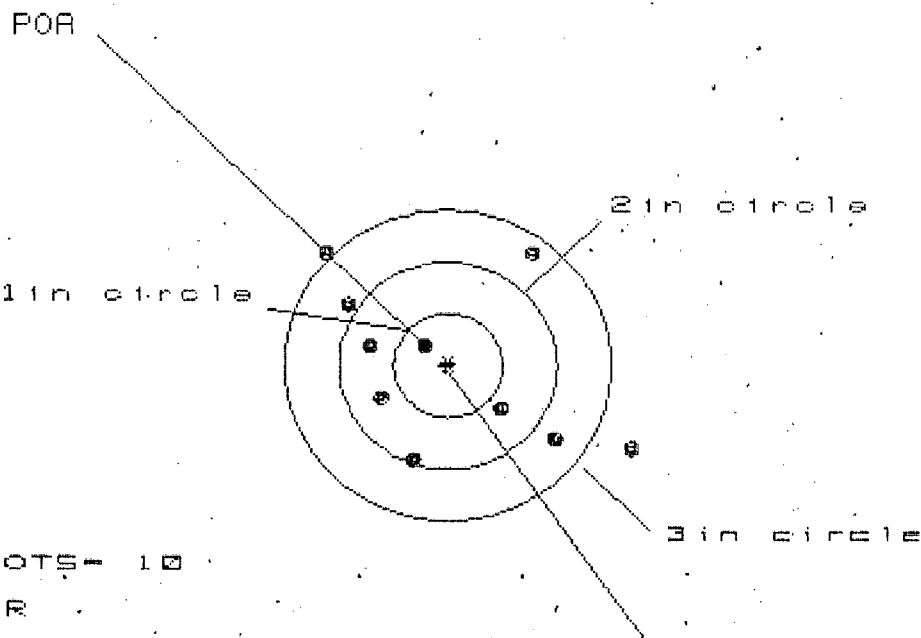
CENTROID *

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.954	.928	.976
MINIMUM X	:	-1.434	-1.460	-1.412
MAXIMUM Y	:	1.418	1.223	1.050
MINIMUM Y	:	-1.759	-1.102	-.949
CENTROID X	:	.078	.104	.056
CENTROID Y	:	.021	.216	.063
POA TO CENTROID in.	:	.080	.240	.084
MIN RADIUS	:	.404	.513	.411
MEAN RADIUS	:	1.062	.954	.917
MAX RADIUS	:	1.774	1.543	1.454
HORIZONTAL SPREAD	:	2.388	2.388	2.388
VERTICAL SPREAD	:	3.177	2.325	1.999
EXTREME SPREAD	:	3.241	2.521	2.438
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		9	

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CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1in = 1

2in = 5

3in = 8

HS= 2.795

VS= 2.056

GS= 3.399

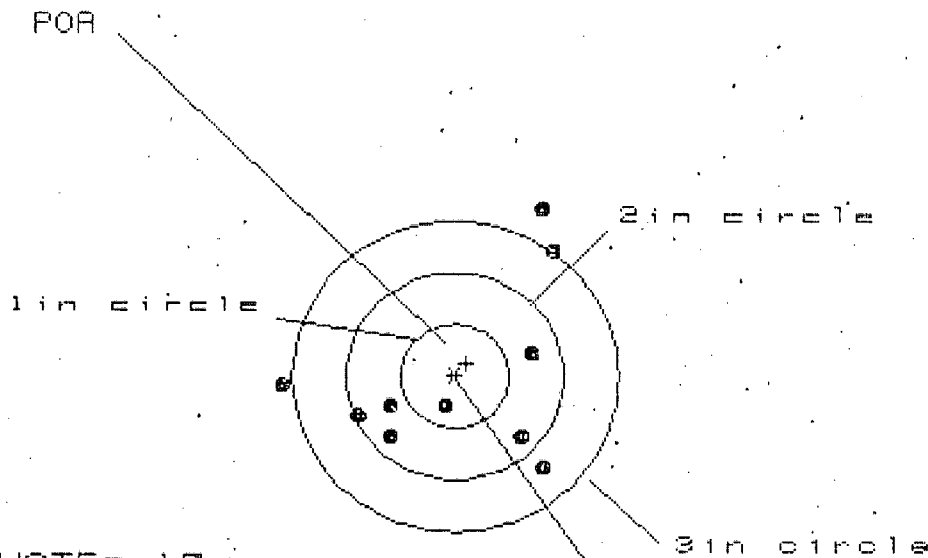
PATTERN #	3		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.661	1.165	1.046
MINIMUM X	-1.134	-.949	-.873
MAXIMUM Y	1.133	1.043	1.174
MINIMUM Y	-.923	-1.013	-.882
CENTROID X	.017	-.168	-.049
CENTROID Y	.007	.097	-.034
POA TO CENTROID in.	.018	.193	.059
MIN RADIUS	.302	.104	.280
MEAN RADIUS	1.046	.914	.862
MAX RADIUS	1.845	1.450	1.472
HORIZONTAL SPREAD	2.795	2.114	1.919
VERTICAL SPREAD	2.056	2.056	2.056
EXTREME SPREAD	3.399	2.800	2.348
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	8		

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CENTERFIRE PATTERNS

4



OF SHOTS- 10

IN CIR

1 in = 1

2 in = 6

3 in = 7

HS= 2.413

VS= 2.556

GS= 2.921

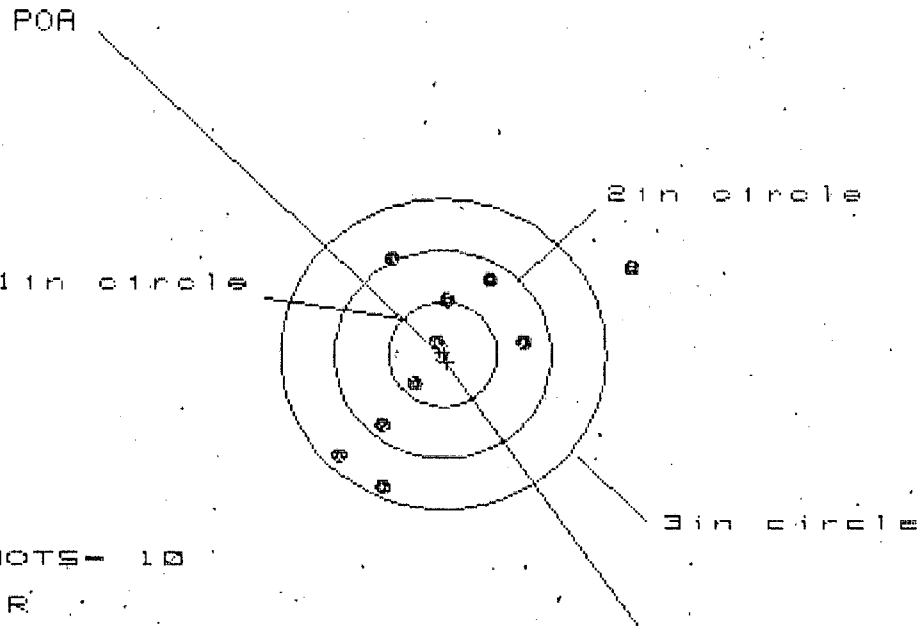
CENTROID #

PATTERN #	4	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.857	.944	.761
MINIMUM X	-1.556	-1.469	-.993
MAXIMUM Y	1.668	1.424	1.438
MINIMUM Y	-.887	-.702	-.688
CENTROID X	-.106	-.194	-.011
CENTROID Y	-.120	-.305	-.319
POA TO CENTROID in.	.160	.361	.319
MIN RADIUS	.341	.137	.250
MEAN RADIUS	1.047	.900	.837
MAX RADIUS	1.846	1.709	1.627
HORIZONTAL SPREAD	2.413	2.413	1.754
VERTICAL SPREAD	2.556	2.126	2.126
EXTREME SPREAD	2.921	2.746	2.407
NUMBER IN ONE INCH CIRCLE =	1	1	
NUMBER IN TWO INCH CIRCLE =		6	
NUMBER IN THREE INCH CIRCLE =		7	

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CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1in = 3

2in = 6

3in = 9

HS= 2.794

VS= 2.254

GS= 3.367

CENTROID *

PATTERN #	5	5	5
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.786	.968	.866
MINIMUM X	-1.008	-.809	-.500
MAXIMUM Y	.953	1.049	.933
MINIMUM Y	-1.301	-1.205	-1.321
CENTROID X	-.039	-.238	-.136
CENTROID Y	.075	-.021	.095
POA TO CENTROID in.	.085	.238	.166
MIN RADIUS	.192	.210	.139
MEAN RADIUS	.945	.817	.744
MAX RADIUS	1.983	1.270	1.412
HORIZONTAL SPREAD	2.794	1.777	1.366
VERTICAL SPREAD	2.254	2.254	2.254
EXTREME SPREAD	3.367	2.262	2.262
NUMBER IN ONE INCH CIRCLE =	3		
NUMBER IN TWO INCH CIRCLE =	6		
NUMBER IN THREE INCH CIRCLE =	9		