C6587511

MODEL 700™ M24

Model SWS™

Action

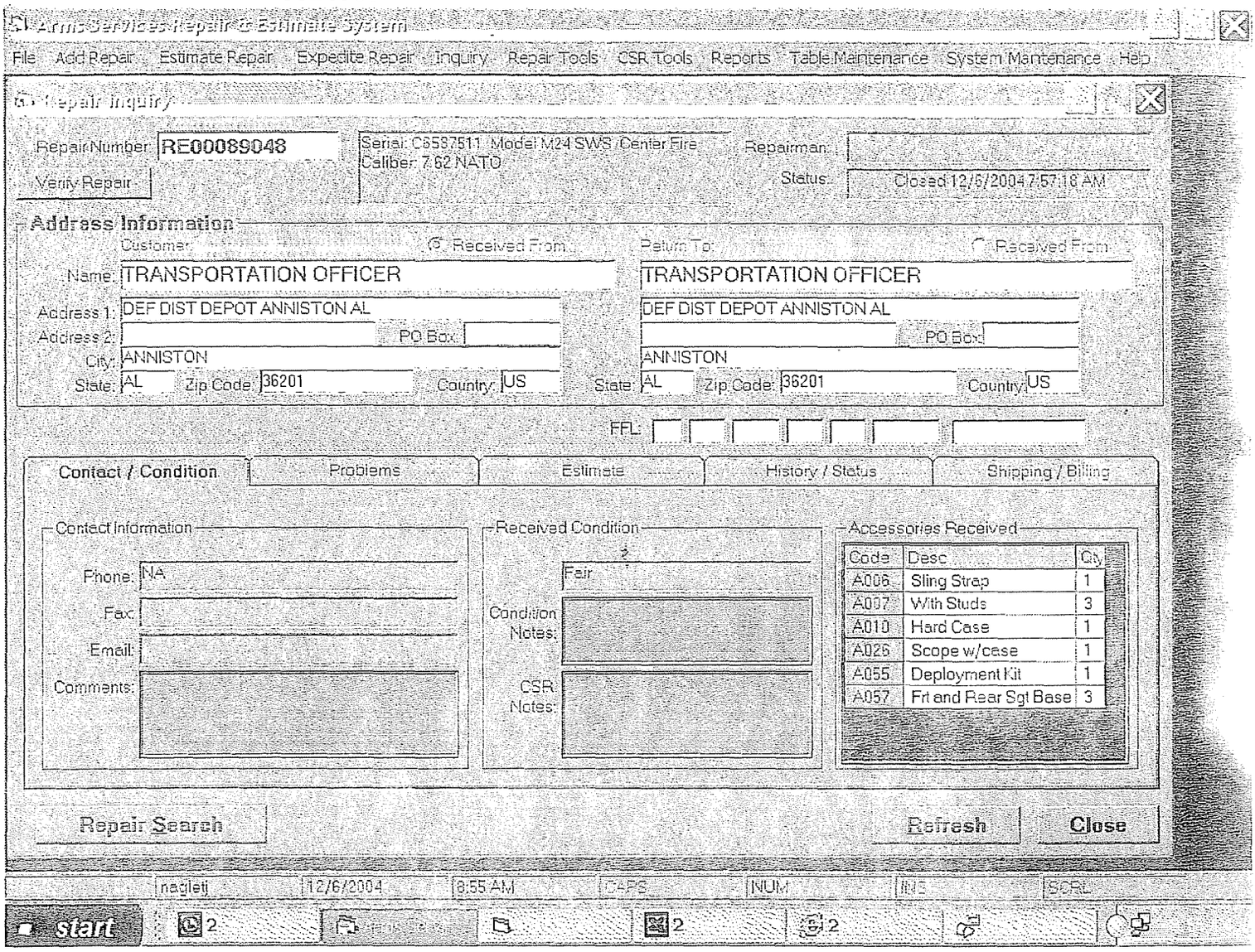
Barrel Length

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
Verify Repair
Serial: C6587511 Model: M24 SWS Center Fire
Caliber: 7.62 NATO
Repairman:
Status: Closed 12/6/2004 7:57:18 AM
Address Information
Customer
Received From
Name: TRANSPORTATION OFFICER
Address 1: DEF DIST DEPOT ANNISTON AL
Address 2:
PO Box:
City: ANNISTON
State: AL Zip Code: 36201 Country: US
Return To:
Received From
TRANSPORTATION OFFICER
DEF DIST DEPOT ANNISTON AL
PO Box:
ANNISTON
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
Fair
Condition Notes:
CSR Notes:
Accessories Received
Code Desc Qty
A006 Sling Strap 1
A007 With Studs 3
A010 Hard Case 1
A026 Scope w/case 1
A055 Deployment Kit 1
A057 Frt and Rear Sgt Base 3
Repair Search
Refresh
Close
nagleti 12/6/2004 8:55 AM CAPS NUM INS SCRL
start


Serial Number: C6587511
Model: M24 SWS
RE00089048

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFOMATION

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

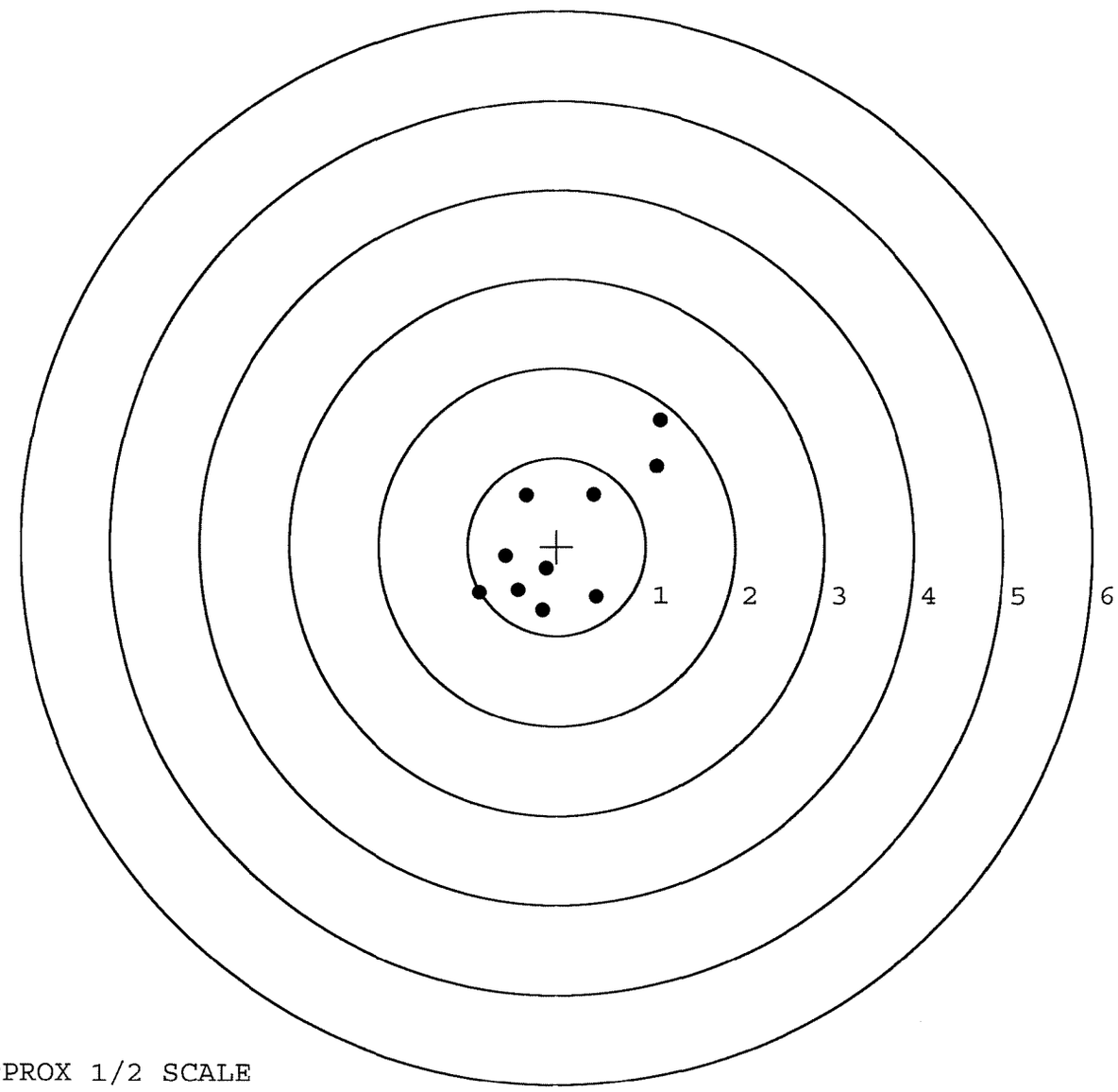
The Average X Centroid of the Five Target Set:	0.060
The Average Y Centroid of the Five Target Set:	-0.067
The Average Point of Impact of the Five Target Set:	0.090
The Average Mean Radius of the Five Target Set:	0.821
The Distance from POA to Centroid Target #1:	0.102
The Distance from Centroid Target #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

BARBER - M24 0021759

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



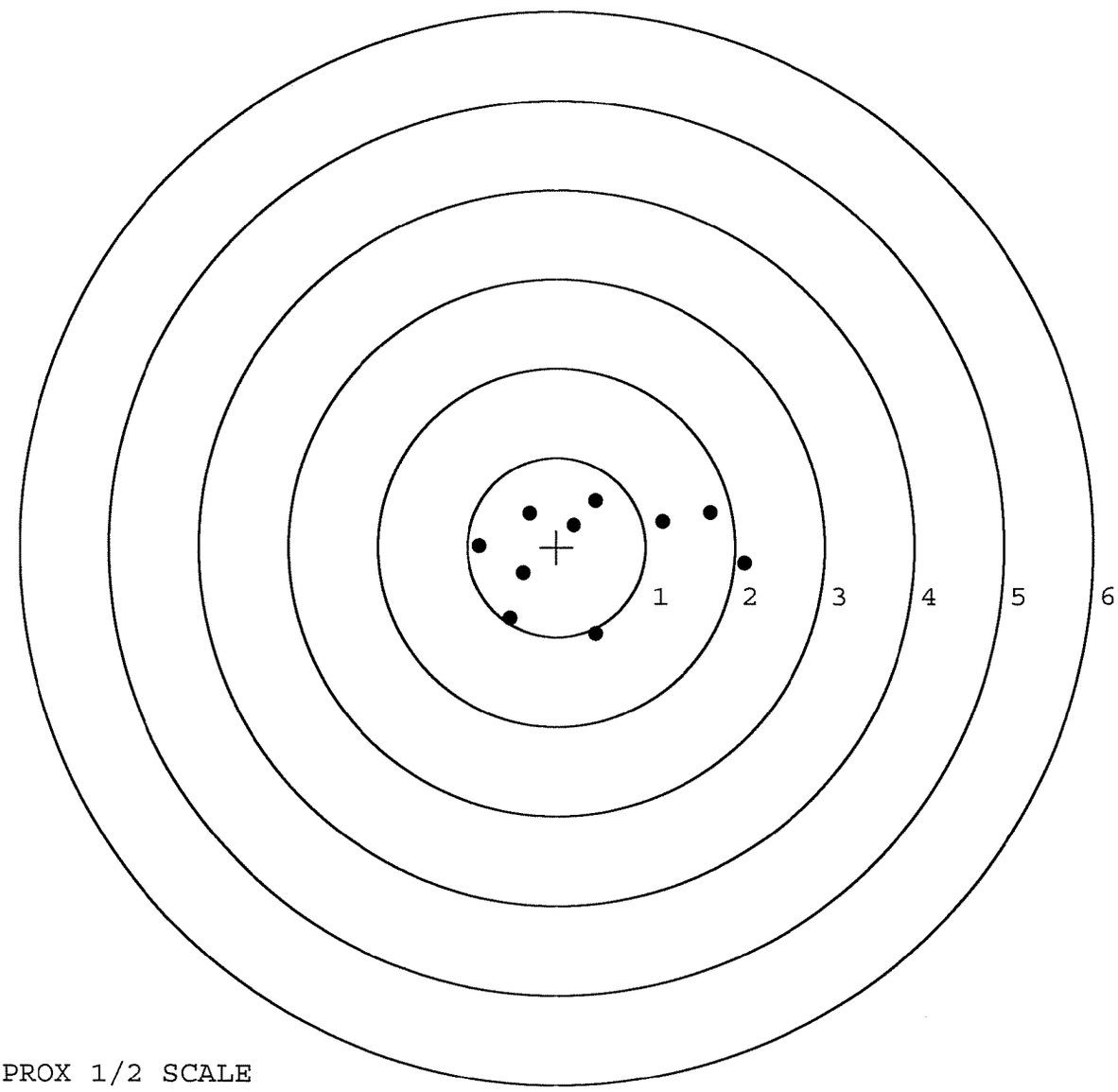
TARGET APPROX 1/2 SCALE

BARBER - M24 0021760

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

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

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



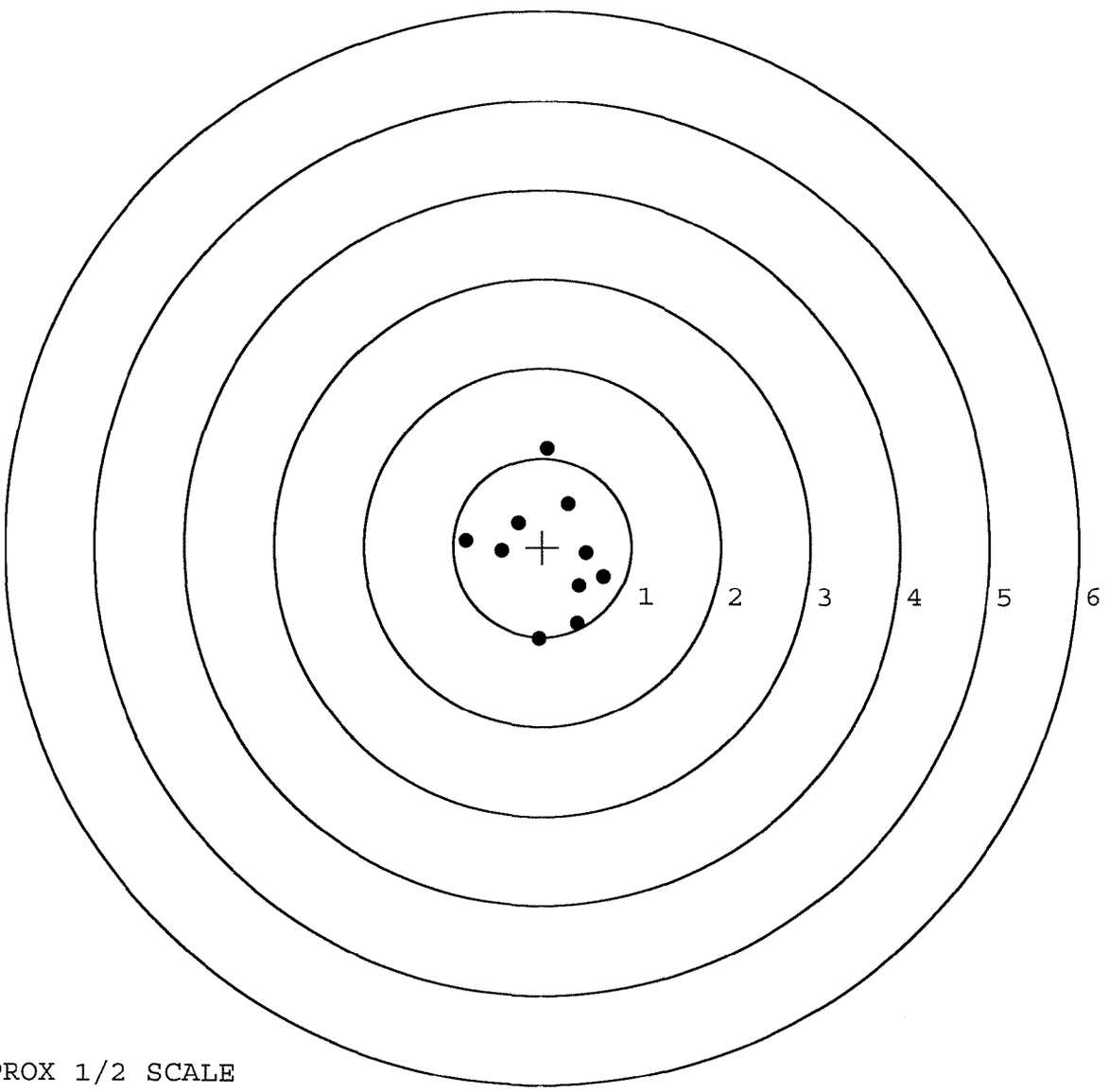
TARGET APPROX 1/2 SCALE

BARBER - M24 0021761

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



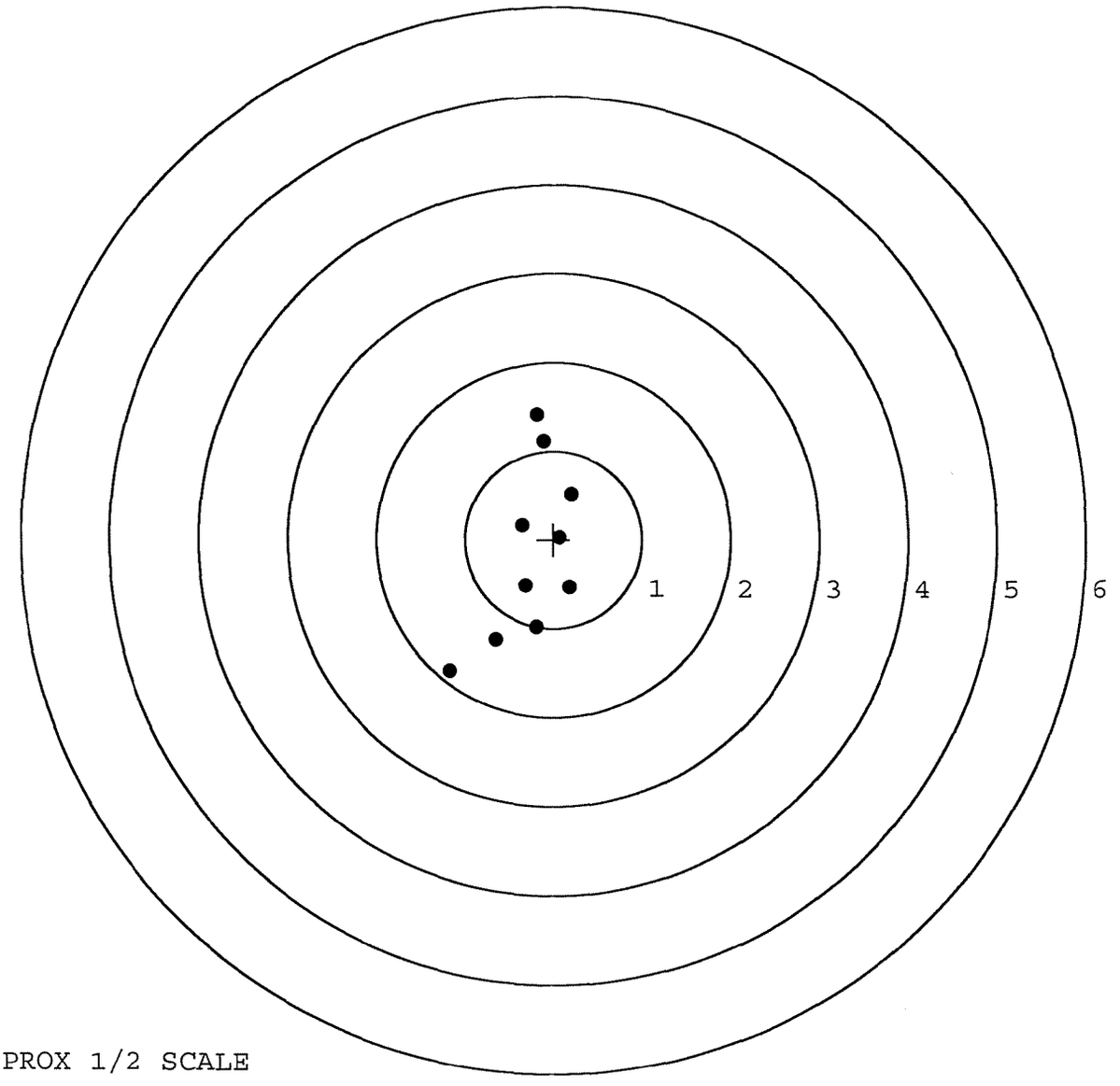
TARGET APPROX 1/2 SCALE

BARBER - M24 0021762

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



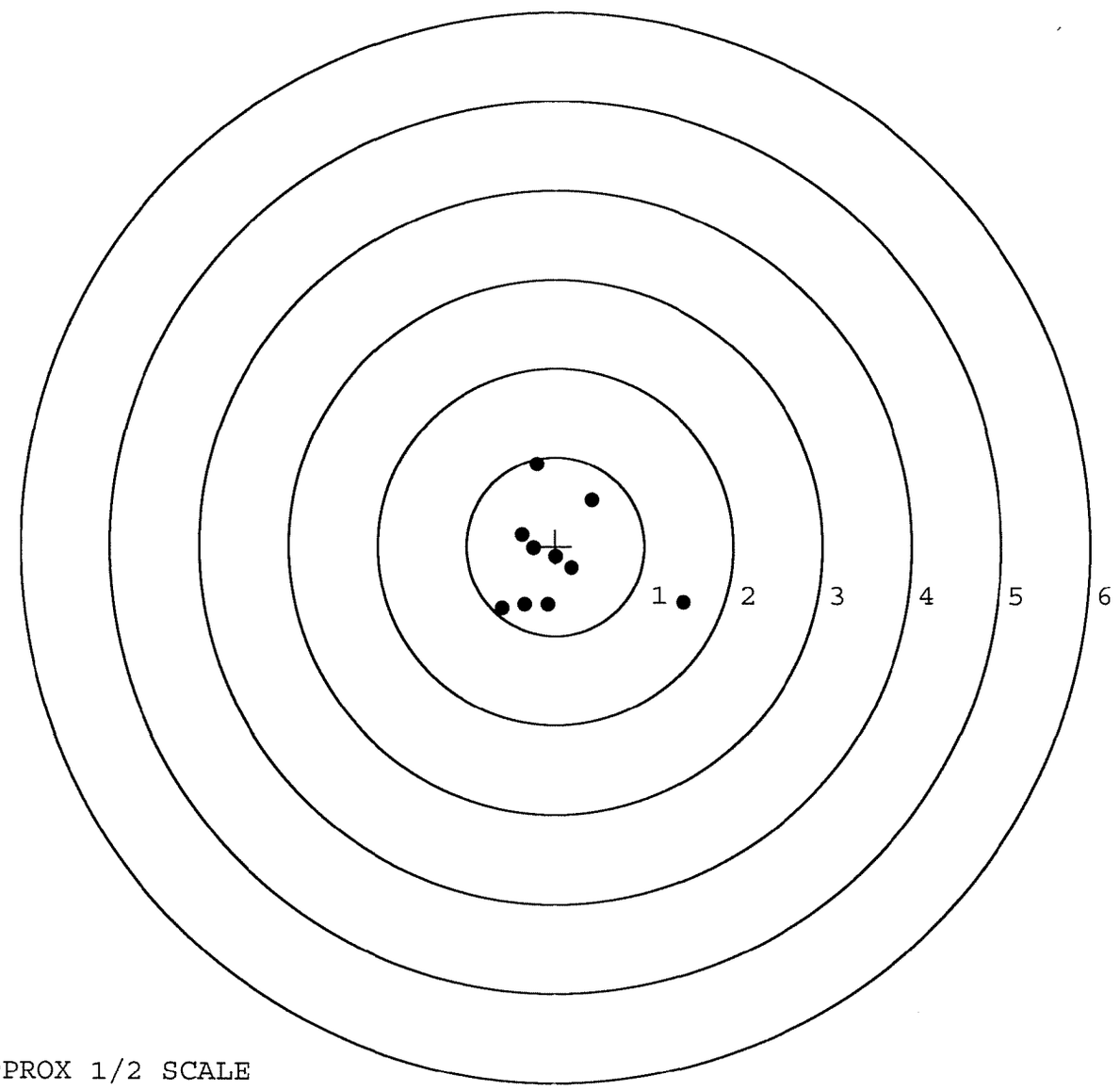
TARGET APPROX 1/2 SCALE

BARBER - M24 0021763

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	RTC
560 A	RE-BARREL	12-15-04	RTC
B	DRILL AND TAP	12-27-04	TRW
575	ASSEMBLE	12-16-04	RTC
600	PROOF	12-16-04	RTC
605	CHECK HEADSPACE	12-16-04	RTC
610	DIS-ASSEMBLE GUN	12-27-04	RTC
612	MAGNAFLUX	MAGNA-FLUX INSPECTED DEC 29 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	RTC
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	RA
		SHIP DATE	
	QAR INSPECTION DATE		

RECEIVING AND ESTIMATING REPORT

COMMENTS: WOG 1 OF 6 W/10X SCOPE DEPOLYMENT KIT M-24 SNIPER Scope S/N 90 0497

ORDER: R 95-17764

INITIAL	CUSTOMER ORDER NO.
JJM	

DATE RECEIVED	DATE OPENED	DATE CODE	SERIAL NUMBER	NEW SERIAL NUMBER	MODEL AND GRADE
07/07/95	07/07/95	EK 10-90	C6587511		700 7.62 NATO

ACCESSORIES: SOFT CASE SCOPE BASE SLING STRAP W/STUDS W/SWIVELS W/HARD CASE

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 C.O.D.

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

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

✓NEW Stock
✓TRIGGER ASSY
✓Front + Rear Sight ASSY

COMMENTS

REPAIRMAN	PROOF	CLEAN	TEST	TARGET	PATTERN
KEP			✓		
GALLERY TESTER	**DATE**	**DATE**	**DATE**	**DATE**	**DATE**
RW			7/27/96		

OFFICE COPY

RD6925 REV. 1/94

ITEM NOMENCLATURE	NET QUANTITY PER PACKAGE	TRANSPORTATION CONTROL NO.
		WC1JTW5047905 2XXX
	CONSIGNMENT GROSS WEIGHT 400	DESTINATION ILION, NY 13357

SUPPLEMENTAL INFORMATION	LOAD STORAGE/GROUP
DOD CONSTANT SURVEILLANCE REQUIRED	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)*

X	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
X	DOD 4500.32R (MILSTAMP) CHAP 2, SEC B, PARA 4		49 cfr	173.74(b)	DOT-E 7573

ADDRESS OF SHIPPER	TYPED NAME, SIGNATURE AND DATE
USPFO FOR ALASKA, PO BOX B, CAMP DENALI FT RICHARDSON, AK 99505-2610	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

SIGNATURE AND TALLY RECORD

(See DOD 5100.76-M for guidance)

Form Approved
OMB NO. 0702-0027
Expires May 31, 1997

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 WCISTW 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 OBSLETE. ORIGINAL - Finance Center - COPY 1

16. CUSTODY RECORD *(Continued)*

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 (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,
PULL #2	2.61	2.80	2.77		NO AVG. OF 5
PULL #3	2.74	2.85	2.73		READINGS ACCEPT-
PULL #4	2.80	2.90	2.67		ABLE LESS THAN 2#
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 Clearity 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							

M-24

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®

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

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

MODEL 700™ M24

SERIAL NO.
C6587511

ORDER NO.
5716

01

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

5716 C6587511

UPC

0 47700 25716 7

M-24

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6587511

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

Op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	3 3/4	3 3/4	3 3/4			11/26/90	WB
	G) Safety Off Force	2 1/2	2 1/2	2 1/2			11/26/90	WB
	H) Trigger Pull Test & Retainability						11/26/90	
	I) Firing Pin Indent	.0205	.021	.021			11/26/90	WB
	J) Assemble Stock						11/28/90	KS
	K) Assemble Swivel Studs						11-29-90	
	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	
	A) Time						"	
	B) Malfunctions						"	
	C) Pierced Primers						"	
	D) Optical Clearity of Scope						"	
645	Inspect for Live Ammo						11/28/90	
655	Final Inspection A) Headspace						11-29-90	
	B) Trigger Pull	2.30	2.31	2.54	2.36	2.50	11-29-90	
	C) Function						11-29-90	
660	Pack						12/14/90	

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 JH

	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,
PULL #2	2.27	2.37	2.25	2.31	NO AVG. OF 5
PULL #3	2.41	2.45	2.19	2.54	READINGS ACCEPT-
PULL #4	2.22	2.32	2.18	2.36	ABLE LESS THAN 2#
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	4.26		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

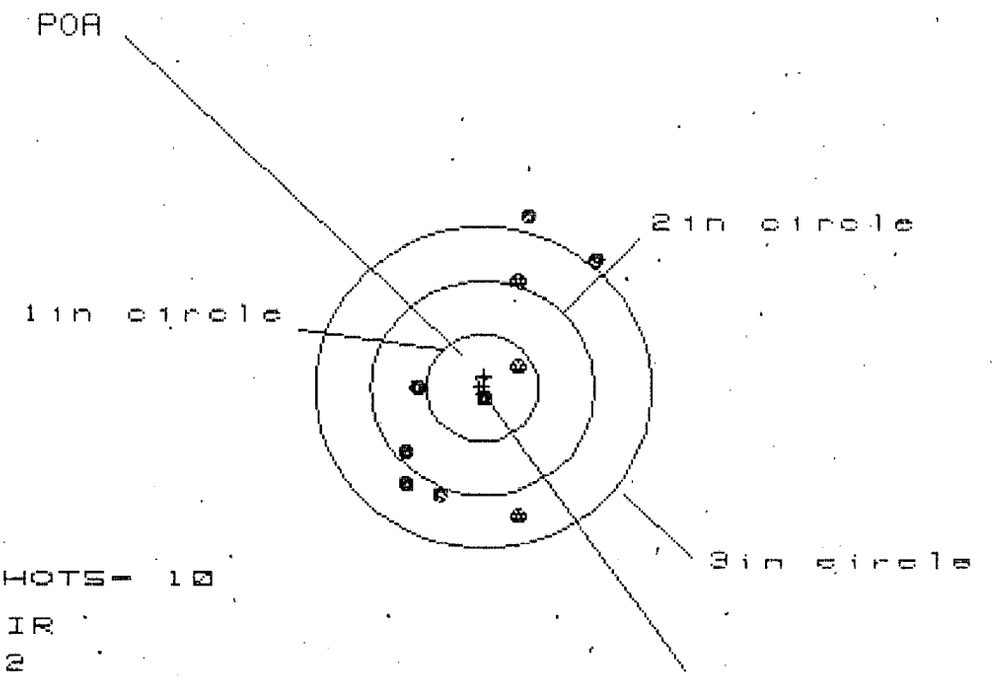
0	TO	1	.104938
1	TO	2	.155206
1	TO	3	.115248
1	TO	4	.0933809
1	TO	5	.180737

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 1990 FILE:/PATTERNING/CENTERFIRE_PATT/C658751)

CENTERFIRE PATTERNS # 1

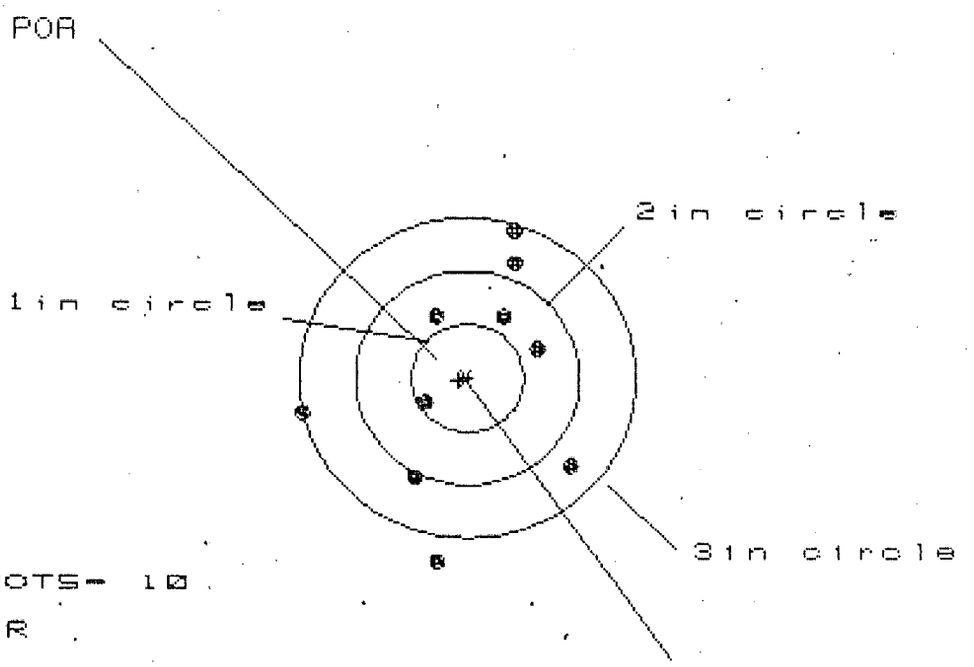


# OF SHOTS= 10
# IN CIR
1in = 2
2in = 4
3in = 8
HS= 1.756
VS= 2.837
GS= 2.838

PATTERN #	:	1		
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 1990 FILE:/PATTERNING/CENTERFIRE_PATT/C6587511

CENTERFIRE PATTERNS # 2

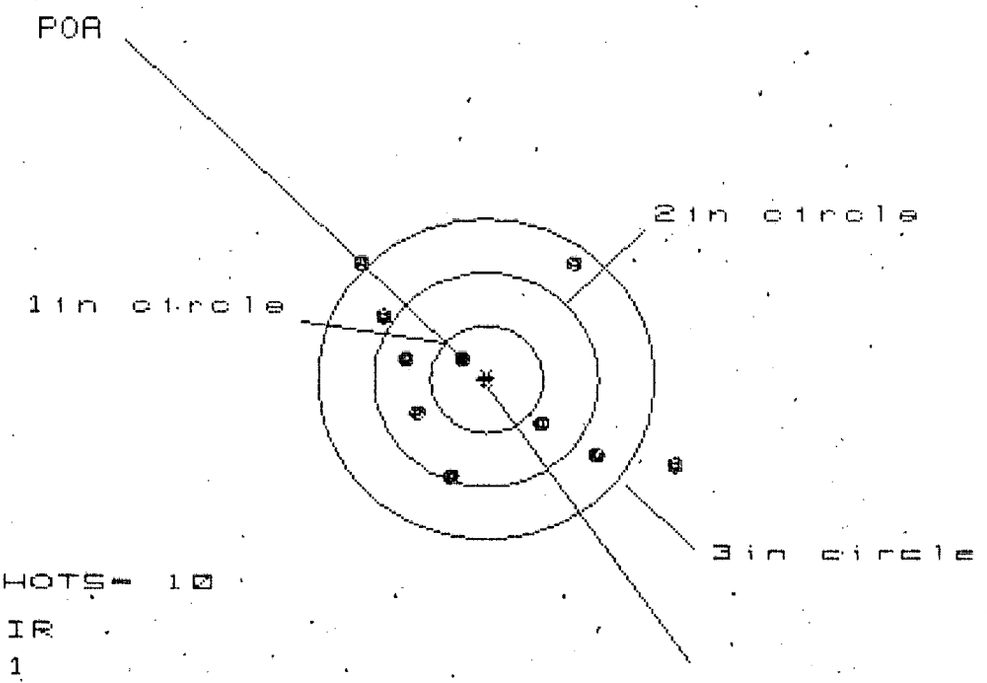


# OF SHOTS= 10
# IN CIR
1in = 1
2in = 4
3in = 9
HS= 2.388
VS= 3.177
GS= 3.241

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	

29 Nov 1990 FILE:/PATTERNING/CENTERFIRE_PATT/C8587511

CENTERFIRE PATTERNS # 3

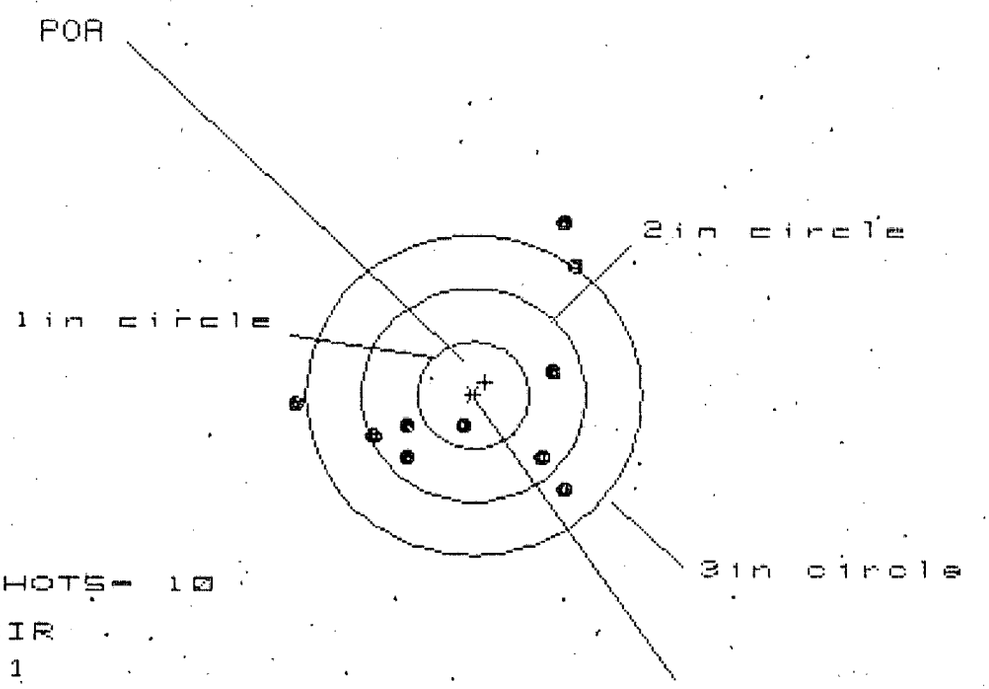


# OF SHOTS= 10
# IN CIR
1in = 1
2in = 5
3in = 8
HS= 2.795
VS= 2.056
GS= 3.399

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	

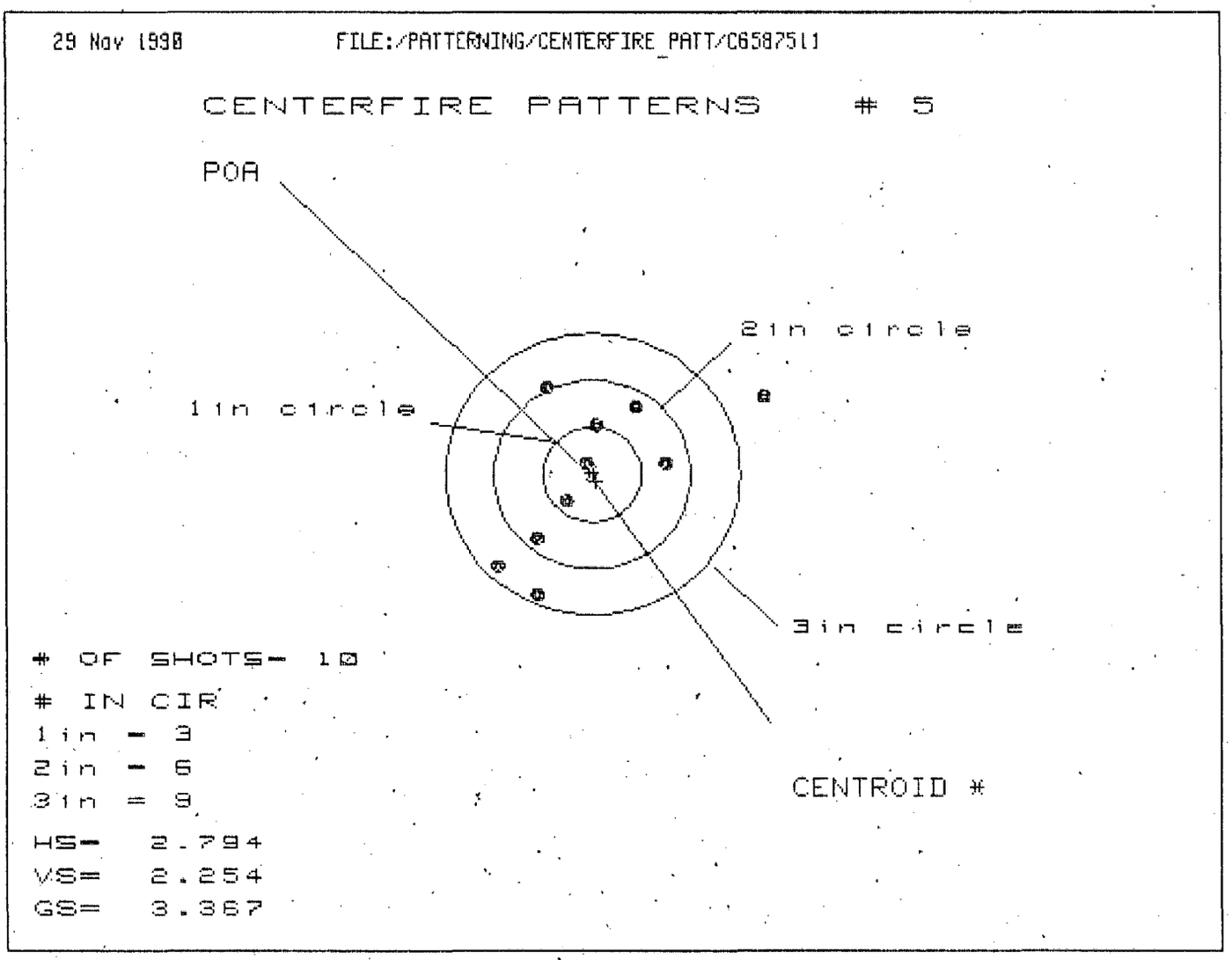
29 Nov 1990 FILE:/PATTERNING/CENTERFIRE_PATT/C6507511

CENTERFIRE PATTERNS # 4



# OF SHOTS= 10
# IN CIR
1in = 1
2in = 6
3in = 7
HS= 2.413
VS= 2.556
GS= 2.921

PATTERN #	:	4		
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	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		7	



PATTERN #	:	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	