C6349081

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: RE00146424

Verify Repair

Serial: C6349081 Model M24 SWS Center Fire
Caliber: 7.62 NATO

Repairman:

Status: Closed 6/16/2008 6:13:05 AM

Address Information

Customer: (Received From)		Return To: (Received From)	
Name:	SR WOC3 USA NAT SPT CEN KOREA		SR WOC3 USA NAT SPT CEN KOREA
Address 1:	CL VII STOR ACTV		CL VII STOR ACTV
Address 2:	BLDG 611 CAMP CARROLL PO Box:		BLDG 611 CAMP CARROLL PO Box:
City:	WAEGWAN		WAEGWAN
State:	KR Zip Code: Country:		KR Zip Code: Country:

FFL:

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

Contact Information

Phone: NN
Fax:
Email:
Comments:

Received Condition

Fair
Condition Notes:
CSR Notes:

Accessories Received

Code	Desc	Qty
A010	Hard Case	1
A026	Scope	1
A045	Bi Pod	1
A055	Deployment Kit	1
D000	SCOPE CASE	1

Repair Search | Refresh | Close

nagleti | 6/16/2008 | 9:14 AM | CAPS | NUM | INS | SCRL

start | 3 Mi... | Googl... | 3 Mi... | Part S... | Arms ... | USAF | 9:14 AM

Reset

Number: C6349081

Model: M24 SWS

RE00146424

INSPECTION CHECKLIST - REPAIRS
CONTRACT #: W52H09-07-C-0207

R & E NUMBER	146424
SERIAL NUMBER	C1234908 1
LOG-IN DATE	6-16-08

OPERATION #	OPERATION NAME			DATE	INITIAL
500	DIS-ASSEMBLE GUN			6-16-08	RTC
505	RE-BARREL			6-16-08	RSD
420	ASSEMBLE			6-16-08	SP
440	PROOF			6-16-08	SD
460	CHECK HEADSPACE			6-16-08	SD
470	DIS-ASSEMBLE GUN			6-16-08	RP
480	MAGNAFLUX	MAGNA-FLUX JUN 17 2008 OPERATOR		6/17/08	
510	DRILL AND TAP			6-17-08	TRW
500	ROLLMARK CALIBER			6/17/08	RT
520	GOFF BLAST BBL / REC			6/18/08	TC
530 & 540	APPLY COATINGS			6/19/08	
560	FINAL ASSEMBLY			8-9-08	RTC
640	FUNCTION TEST AND	(PASS)	FAIL	9-16-08	FM
650	TARGET	(PASS)	FAIL	9-16-08	FM
	MALFUNCTION	CORRECTION			
	MALFUNCTION	CORRECTION	N/A		
	MALFUNCTION	CORRECTION			
	MALFUNCTION	CORRECTION		9-16-08	TC
670	FINAL INSPECTION			9-18-08	TC
	A) HEADSPACE	~~PASS~~	FAIL	9-18-08	TC
	B) TRIGGER PULL (+/- .5 LBS, MIN 2.50 LBS, MAX 4.0 LBS)	2.92	2.85 2.79 2.77 2.78	9-18-08	TC
680	F) SAFETY ON FORCE (2 LBS MIN, 10 LBS MAX)	2	2 2	9-18-08	TC
	G) SAFETY OFF FORCE (2 LBS MIN)	3.5	3.5 3.5	9-18-08	TC
	I) FIRING PIN INDENT (.020)	.025	.024 .024	9-18-08	TC
690	PACK			10/17/08	FM

F006 REV 5/2006

EQUIPMENT INSPECTION AND MAINTENANCE WORKSHEET

For use of this form, see DA PAM 738-750 and 738-751; the proponent agency is DCSLOG

1. ORGANIZATION	2. NOMENCLATURE AND MODEL
Stor Div (QC-2), D/S&T	RIFLE 7.62mm SNIP, M24

3. REGISTRATION/SERIAL/NSN	4a. MILES	b. HOURS	c. ROUNDS FIRED	d. HOT STARTS	5. DATE	6. TYPE INSPECTION
C6349081					23 Nov' 2007	Visual Insp Only

7. APPLICABLE REFERENCE

TM NUMBER	TM DATE	TM NUMBER	TM DATE
TM 9-1005-306-10, Ch # 8	13 Jun' 2003		

COLUMN a – Enter TM item number.

COLUMN b – Enter the applicable condition status symbol.

COLUMN c – Enter deficiencies and shortcomings.

COLUMN d – Show corrective action for deficiency or shortcoming listed in Column c.

COLUMN e – Individual ascertaining completed corrective action initial in this column.

STATUS SYMBOLS

"X" – Indicates a deficiency in the equipment that places it in an inoperable status.

CIRCLED "X" – Indicates a deficiency, however, the equipment may be operated under specific limitations as directed by higher authority or as prescribed locally, until corrective action can be accomplished.

HORIZONTAL DASH "(-)" – Indicates that a required inspection, component replacement, maintenance operation check, or test flight is due but has not been accomplished, or an overdue MWO has not been accomplished.

DIAGONAL "(/)" – Indicates a material defect other than a deficiency which must be corrected to increase efficiency or to make the item completely serviceable.

LAST NAME INITIAL IN BLACK, BLUE-BLACK INK, OR PENCIL - Indicates that a completely satisfactory condition exists.

FOR AIRCRAFT - Status symbols will be recorded in red.

ALL INSPECTIONS AND EQUIPMENT CONDITIONS RECORDED ON THIS FORM HAVE BEEN DETERMINED IN ACCORDANCE WITH DIAGNOSTIC PROCEDURES AND STANDARDS IN THE TM CITED HEREON.

8a. SIGNATURE *(Person(s) performing inspection)*	8b. TIME	9a. SIGNATURE *(Maintenance Supervisor)*	9b. TIME	10. MANHOURS REQUIRED
CHONG, MAN-KUN MSC-K 329				

TM ITEM NO. a	STATUS b	DEFICIENCIES AND SHORTCOMINGS c	CORRECTIVE ACTION d			INITIAL WHEN CORRECTED e
		Parts			**T / C S**	
C-2/1	M	Soft Rifle Carrying Case	1005-01-262-2818	1 EA	$ 61.95	
2	M	Sling, Small Arms	1005-00-714-1245	1 EA	$ 27.91	
		- Legend -- M = Missing				
		N S N : 1005-01-240-2136				
		C / C : " F "	Unit Turn-in C/C: F			
		U / P $ 5,145.00				
		Rec'd by : W81F9N-7319-0108A				

DA FORM 2404, APR 79 Replaces edition of 1 Jan 64, which will be used USAPPC V1.10

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFOMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6349081.__0
FILE DATE AND TIME: 09/17/2008 14:02

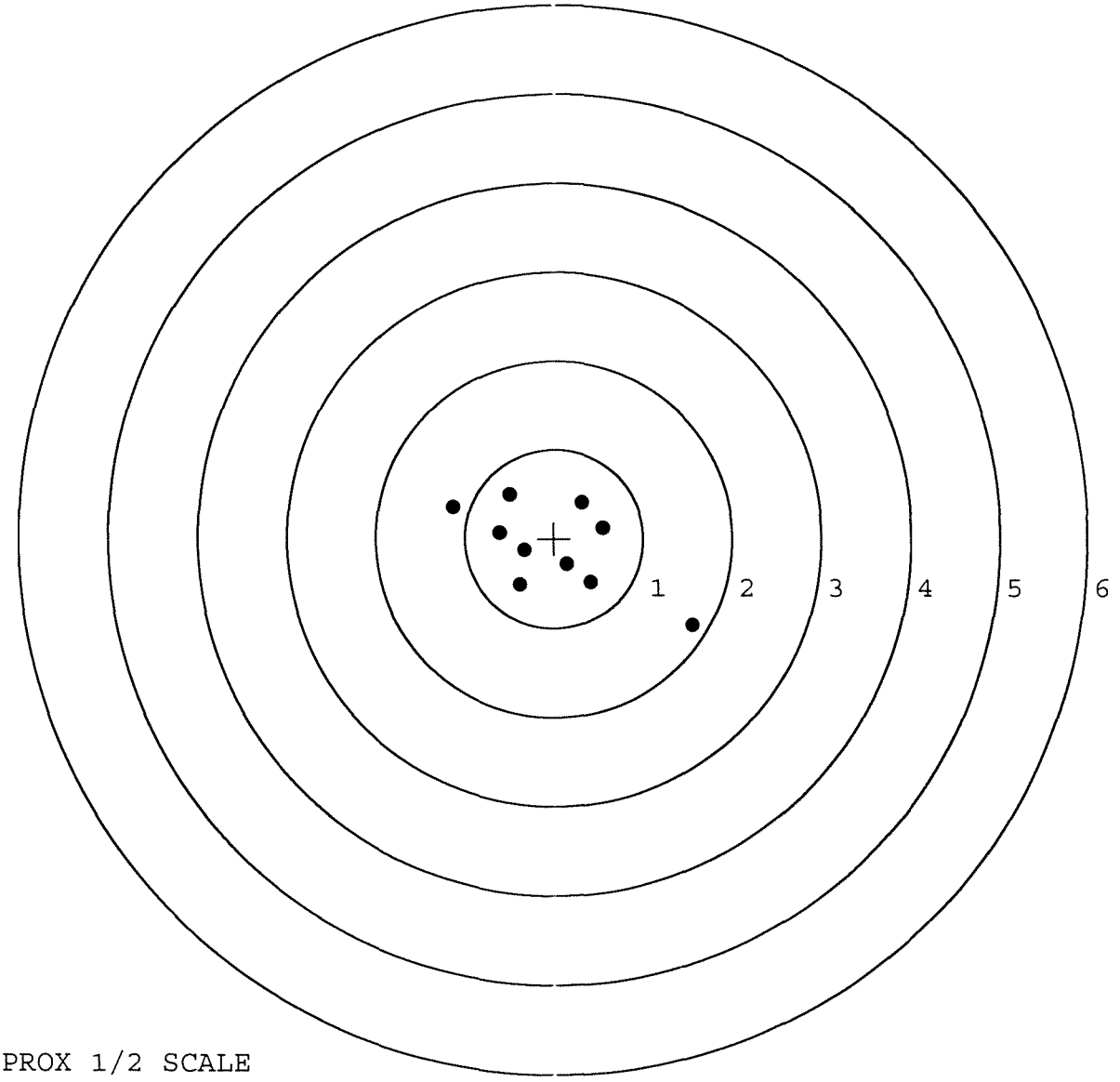
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.172
The Average Y Centroid of the Five Target Set:	-0.008
The Average Point of Impact of the Five Target Set:	0.172
The Average Mean Radius of the Five Target Set:	0.633
The Distance from POA to Centroid Target #1:	0.095
The Distance from Centroid Target #2 to Centroid Target #1:	0.281
The Distance from Centroid Target #3 to Centroid Target #1:	0.320
The Distance from Centroid Target #4 to Centroid Target #1:	0.261
The Distance from Centroid Target #5 to Centroid Target #1:	0.370

SERIAL NUMBER: C6349081.__0
TARGET NUMBER: 1
FILE DATE: 09/17/2008
FILE TIME: 14:02

X CENTROID:	-0.001
Y CENTROID:	-0.095
POA TO CENTROID:	0.095
HORZ SPREAD:	2.692
VERT SPREAD:	1.468
GROUP SPREAD:	3.000
MIN RADIUS:	0.240
MAX RADIUS:	1.786
MEAN RADIUS:	0.732
# IN 1 IN DIAMETER:	2
# IN 2 IN DIAMETER:	8
# in 3 IN DIAMETER:	9

POINT#	X	Y
1:	1.555	-0.971
2:	0.408	-0.492
3:	0.143	-0.287
4:	0.553	0.122
5:	0.309	0.406
6:	-0.392	-0.514
7:	-0.334	-0.131
8:	-0.610	0.068
9:	-0.506	0.497
10:	-1.137	0.352

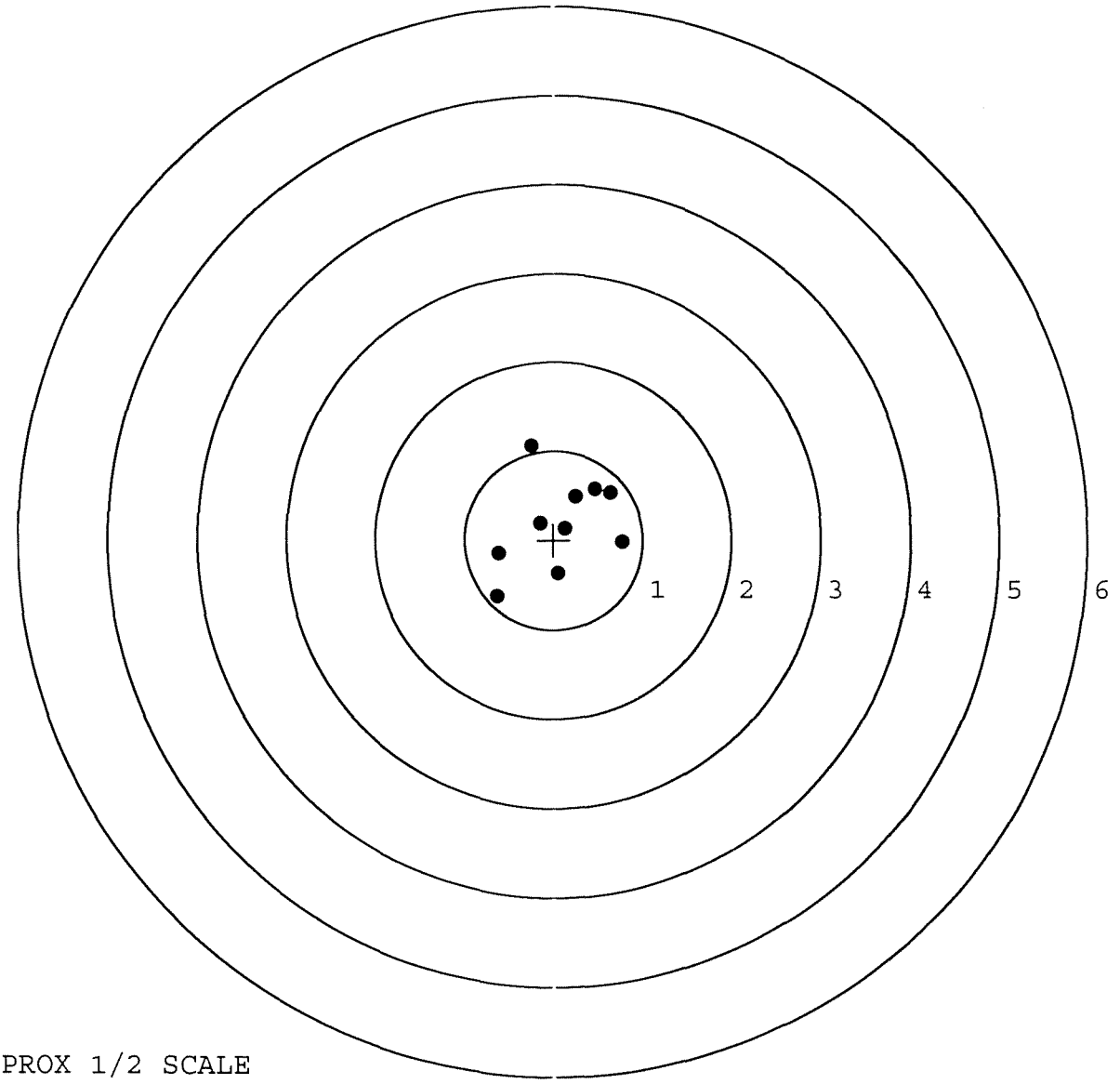


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6349081.__0
TARGET NUMBER: 2
FILE DATE: 09/17/2008
FILE TIME: 14:02

X CENTROID:	0.064
Y CENTROID:	0.178
POA TO CENTROID:	0.190
HORZ SPREAD:	1.409
VERT SPREAD:	1.688
GROUP SPREAD:	1.732
MIN RADIUS:	0.085
MAX RADIUS:	1.069
MEAN RADIUS:	0.595
# IN 1 IN DIAMETER:	3
# IN 2 IN DIAMETER:	9
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	-0.619	-0.151
2:	-0.637	-0.629
3:	0.048	-0.377
4:	0.772	-0.025
5:	0.132	0.127
6:	-0.153	0.190
7:	0.244	0.485
8:	0.638	0.533
9:	0.462	0.573
10:	-0.247	1.059

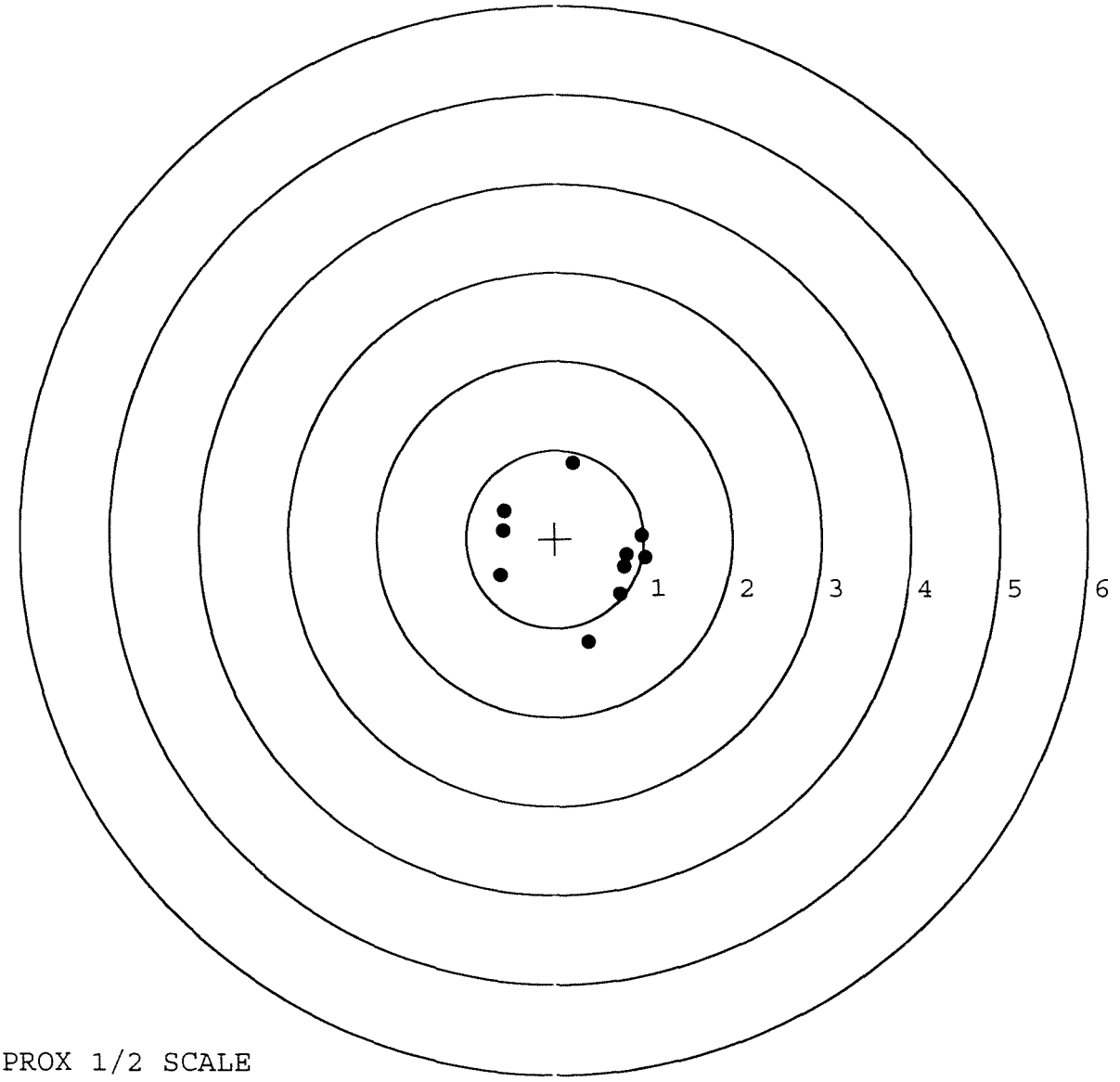


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6349081.__0
TARGET NUMBER: 3
FILE DATE: 09/17/2008
FILE TIME: 14:02

X CENTROID:	0.313
Y CENTROID:	-0.158
POA TO CENTROID:	0.350
HORZ SPREAD:	1.626
VERT SPREAD:	2.018
GROUP SPREAD:	2.026
MIN RADIUS:	0.489
MAX RADIUS:	1.021
MEAN RADIUS:	0.792
# IN 1 IN DIAMETER:	2
# IN 2 IN DIAMETER:	7
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	0.381	-1.160
2:	0.738	-0.622
3:	0.780	-0.308
4:	0.801	-0.176
5:	1.014	-0.210
6:	0.975	0.041
7:	0.205	0.858
8:	-0.574	0.320
9:	-0.581	0.094
10:	-0.612	-0.412

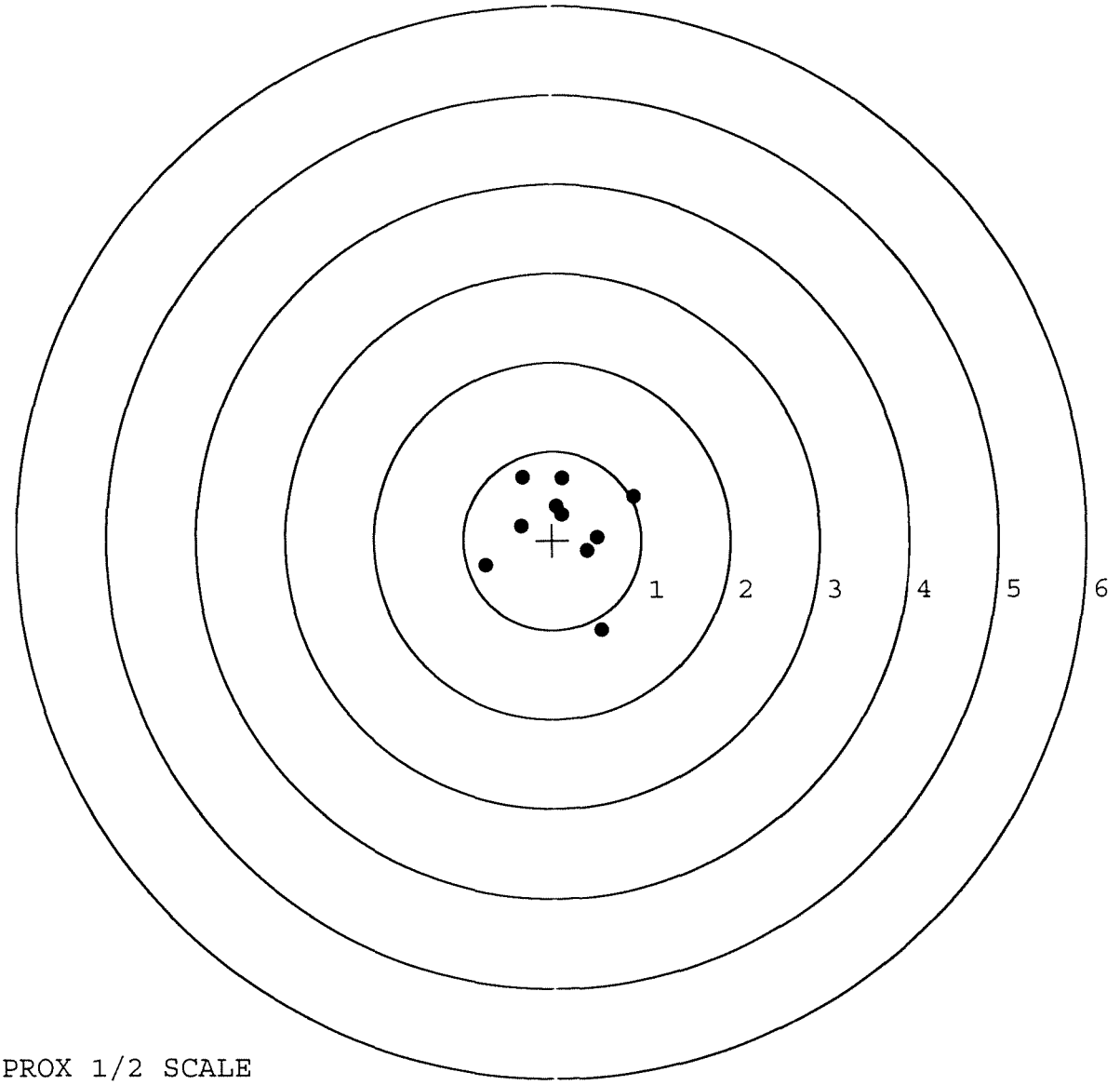


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6349081.__0
TARGET NUMBER: 4
FILE DATE: 09/17/2008
FILE TIME: 14:02

X CENTROID:	0.117
Y CENTROID:	0.138
POA TO CENTROID:	0.181
HORZ SPREAD:	1.664
VERT SPREAD:	1.713
GROUP SPREAD:	1.927
MIN RADIUS:	0.155
MAX RADIUS:	1.220
MEAN RADIUS:	0.599
# IN 1 IN DIAMETER:	5
# IN 2 IN DIAMETER:	9
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	0.548	-1.003
2:	0.389	-0.114
3:	0.506	0.039
4:	0.911	0.492
5:	0.107	0.697
6:	0.101	0.292
7:	-0.334	0.710
8:	-0.350	0.160
9:	-0.753	-0.274
10:	0.040	0.381

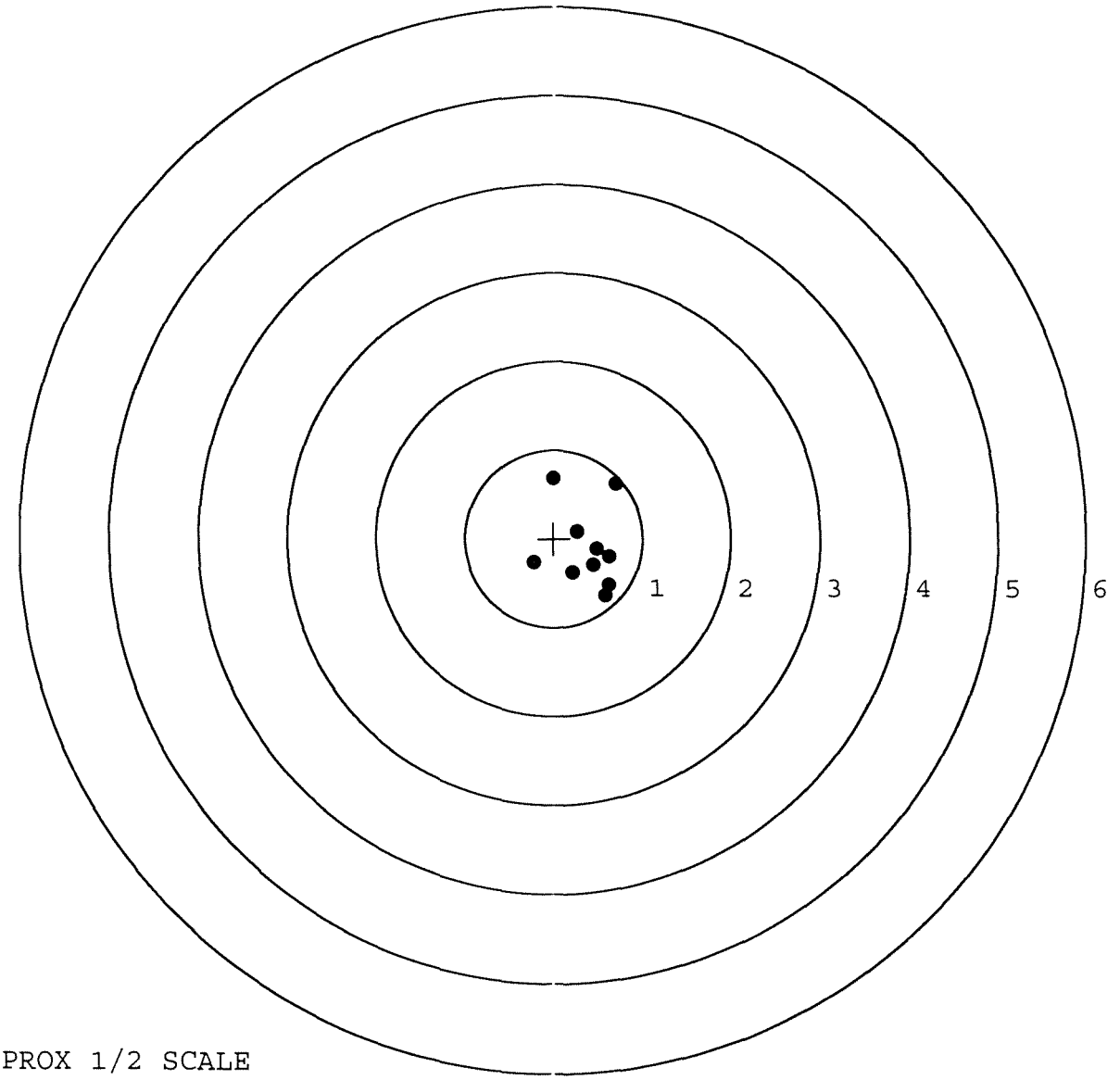


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6349081.__0
TARGET NUMBER: 5
FILE DATE: 09/17/2008
FILE TIME: 14:02

X CENTROID:	0.369
Y CENTROID:	-0.106
POA TO CENTROID:	0.383
HORZ SPREAD:	0.926
VERT SPREAD:	1.325
GROUP SPREAD:	1.451
MIN RADIUS:	0.115
MAX RADIUS:	0.875
MEAN RADIUS:	0.449
# IN 1 IN DIAMETER:	6
# IN 2 IN DIAMETER:	10
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	-0.231	-0.270
2:	0.215	-0.382
3:	0.442	-0.298
4:	0.483	-0.120
5:	0.623	-0.206
6:	0.621	-0.525
7:	0.582	-0.642
8:	0.695	0.622
9:	0.265	0.082
10:	-0.010	0.683



TARGET APPROX 1/2 SCALE

RECEIVING AND ESTIMATING REPORT

R 94-34904

INITIAL	CUSTOMER ORDER NO.
FPS	

M-24 W/ULTRA 10X-M3A SCOPE & DEPLOYMENT KIT
Scope 89-0186

DATE RECEIVED	DATE OPENED	DATE CODE	SERIAL NUMBER	NEW SERIAL NUMBER	MODEL AND GRADE
12/05/94	12/05/94	XJ 12-89	C6349081		700 7.62 NATO

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

FROM:

DEPT. OF THE ARMY
SUPPLY DIVISION
FT MCCOY WI 54656

SHIP TO:

DEPT. OF THE ARMY
SUPPLY DIVISION
FT MCCOY WI
54656

CUST NO: 109575 C.O.D.

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

Trigger Assy	$113.91
Scope Rep	119.43
Clean/Insp/Rep	50.00
	393.14

COMMENTS

REPAIRMAN	PROOF	CLEAN	TEST	TARGET	PATTERN
			AC		
GALLERY TESTER	**DATE**	**DATE**	**DATE**	**DATE**	**DATE**
			11/1/95		

OFFICE COPY

RD6925 REV. 1/94

SWS TRIGGER PULL TEST

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

SERIAL NO. C6349081
DATE 10-17-95
TESTER DR

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.55	2.42	2.50		MIN. SETTING,
PULL #2	2.62	2.43	2.43		NO AVG. OF 5
PULL #3	2.54	2.35	2.43		READINGS ACCEPT-
PULL #4	2.37	2.32	2.45		ABLE LESS THAN 2#
PULL #5	2.36	2.39	2.52		
TOTAL	12.44	11.91	12.33		
AVG.	2.48	2.38	2.46		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.00	2.99		
PULL #2	2.97	3.00		
PULL #3	2.90	2.95		
PULL #4	2.96	2.92		
PULL #5	2.93	2.90		
TOTAL	14.76	14.76		
AVG.	2.95	2.95		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.16	4.18	4.16	
PULL #2	4.01	4.08	4.05	
PULL #3	4.13	4.04	4.13	
PULL #4	4.11	4.14	4.14	
PULL #5	4.14	4.10	4.18	
TOTAL	20.55	20.54	20.66	
AVG.	4.11	4.10	4.13	

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C-6349081

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			

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	4.5	4.5	4.5			12-4-95	
	G) Safety Off Force	4.0	4.0	4.0			12-4-95	
	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 Clearity of Scope							
645	Inspect for Live Ammo							
655	Final Inspection A) Headspace							
	B) Trigger Pull	2.69	2.33	2.30	2.31	2.27	12-4-95	
	C) Function							
660	Pack							

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

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

MODEL 700™ M24

01

SERIAL NO. C6349081

ORDER NO. 5716

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

5716 C6349081

UPC

0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6349081

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	12-20	89	RW
600	Proof	12-20	89	AC
607	Check Headspace	12-20	89	[illegible]
610	Dis-assemble Gun	12-2[illegible]	89	RW
612	Magnaflux Barrel Action	1-5-90		KCR
	Magnaflux Bolt	1-5-90		
615	Rollmark Caliber		1/5/90	JS
617	Drill and Tap Sight Holes		1/8/90	EB
618	Polish Barrel NO		1/9/90	WS
620	Apply Coatings (Barrel Action)		1-15-90	TS
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		1/17/90	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		1/17/90	RW
	C) Inspect Ejector Hole for Chamfer		1/17/90	RW
	D) Oil Firing Pin Ass'y		1/17/90	RW
	E) Adjust Trigger Pull to Min Setting and Stake		22 Jan 90	DS

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5	5	5			1-23-90	JH
	G) Safety Off Force	2	2	2			1-23-90	JH
	H) Trigger Pull Test & Retainability						1-23-90	JH
	I) Firing Pin Indent	.0215	.023	.022			1-23-90	JH
	J) Assemble Stock						1/23/90	RW
	K) Assemble Swivel Studs						3/13/90	WB
	L) Attach Front and Rear Sight Assemblies						1/26/90	RW
	M) Iron Sight Alignment						1/26/90	RW
	N) Detach Front & Rear Sights & place in numbered container						1/26/90	RW
	O) Attach Scope to Rifle						3/6/90	WB
	P) Detach & Attach Scope 20 Times						3/6/90	WB
640	Gallery Target & Test						3-8-90	K
	A) Time						"	K
	B) Malfunctions						"	K
	C) Pierced Primers						"	K
	D) Optical Clearity of Scope						"	K
645	Inspect for Live Ammo						3-8-90	K
655	Final Inspection A) Headspace						3/13/90	WB
	B) Trigger Pull	2.68	2.81	2.78	2.76	2.78	3/13/90	WB
	C) Function						3/13/90	WB
660	Pack						3/13/90	WB

SWS TRIGGER PULL TEST

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

SERIAL NO. C6349081

DATE 22 Jan 90

TESTER [illegible]

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	266	229	280	268	MIN. SETTING,
PULL #2	238	235	268	281	NO AVG. OF 5
PULL #3	242	239	273	278	READINGS ACCEPT-
PULL #4	236	236	264	276	ABLE LESS THAN 2#
PULL #5	247	235	259	278	
TOTAL	1229	1174	1344		
AVG.	2.458	2.348	2.688		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	323	318		
PULL #2	317	318		
PULL #3	303	321		
PULL #4	320	320		
PULL #5	328	315		
TOTAL	1591	1592		
AVG.	3.182	3.184		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	393	398		398
PULL #2	402	409		420
PULL #3	416	412		410
PULL #4	412	415		425
PULL #5	417	414		434
TOTAL	2040	2048		2087
AVG.	408	4.096		4.174

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6349061
8 Mar 1990

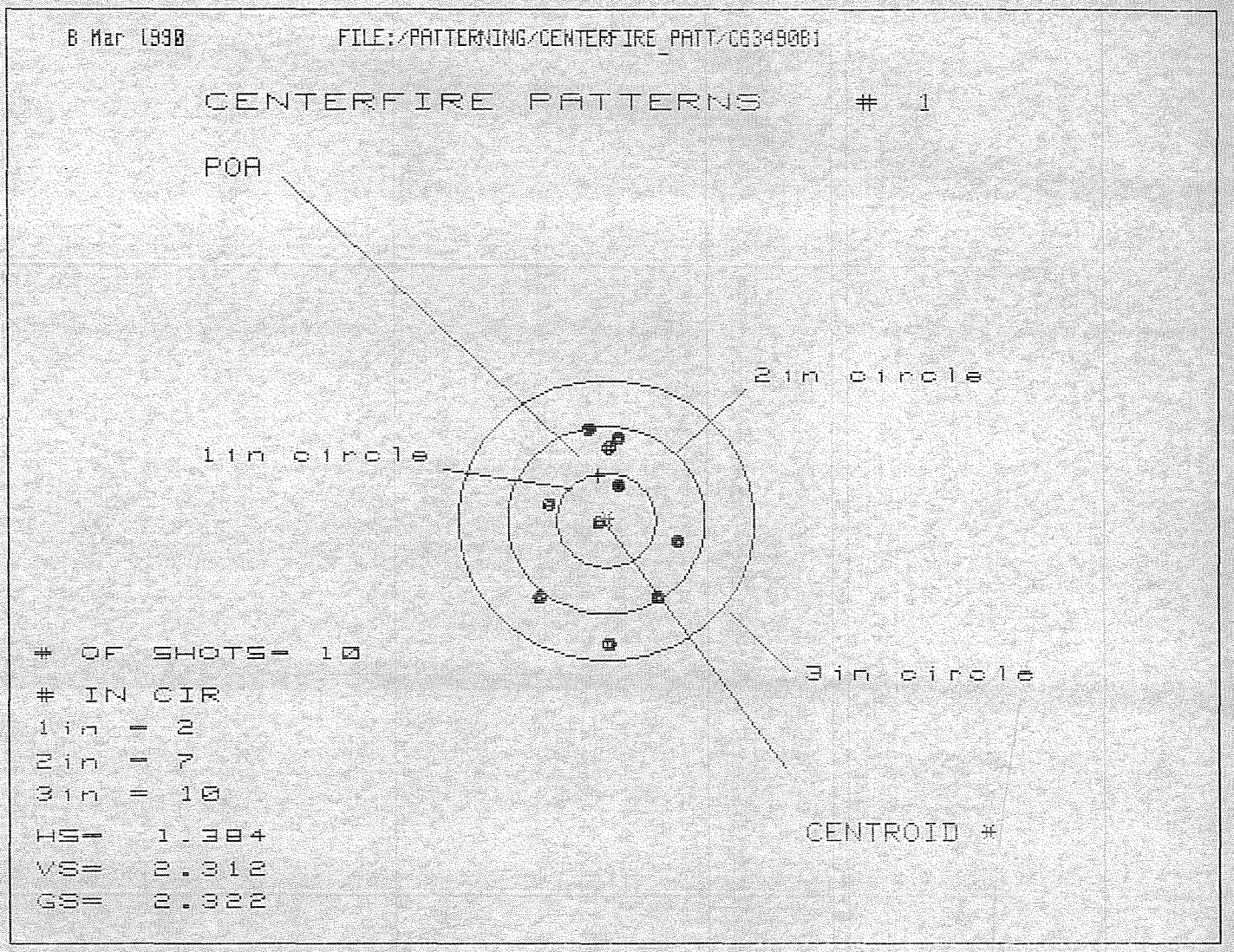
CENTROIDAL DISTANCES

0	TO	1	.484648
1	TO	2	.308112
1	TO	3	.576439
1	TO	4	.295002
1	TO	5	.323761

<----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0568
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.312
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .317128

THE AMR FOR THIS RIFLE IS: .9388



PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.680	.687	.599
MINIMUM X	:	-.704	-.697	-.627
MAXIMUM Y	:	.988	.841	.714
MINIMUM Y	:	-1.324	-1.014	-1.055
CENTROID X	:	.080	.073	.161
CENTROID Y	:	-.478	-.331	-.204
POA TO CENTROID in.	:	.485	.339	.260
MIN RADIUS	:	.051	.163	.080
MEAN RADIUS	:	.772	.688	.595
MAX RADIUS	:	1.325	1.231	1.132
HORIZONTAL SPREAD	:	1.384	1.384	1.226
VERTICAL SPREAD	:	2.312	1.855	1.769
EXTREME SPREAD	:	2.322	1.939	1.883
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		10	

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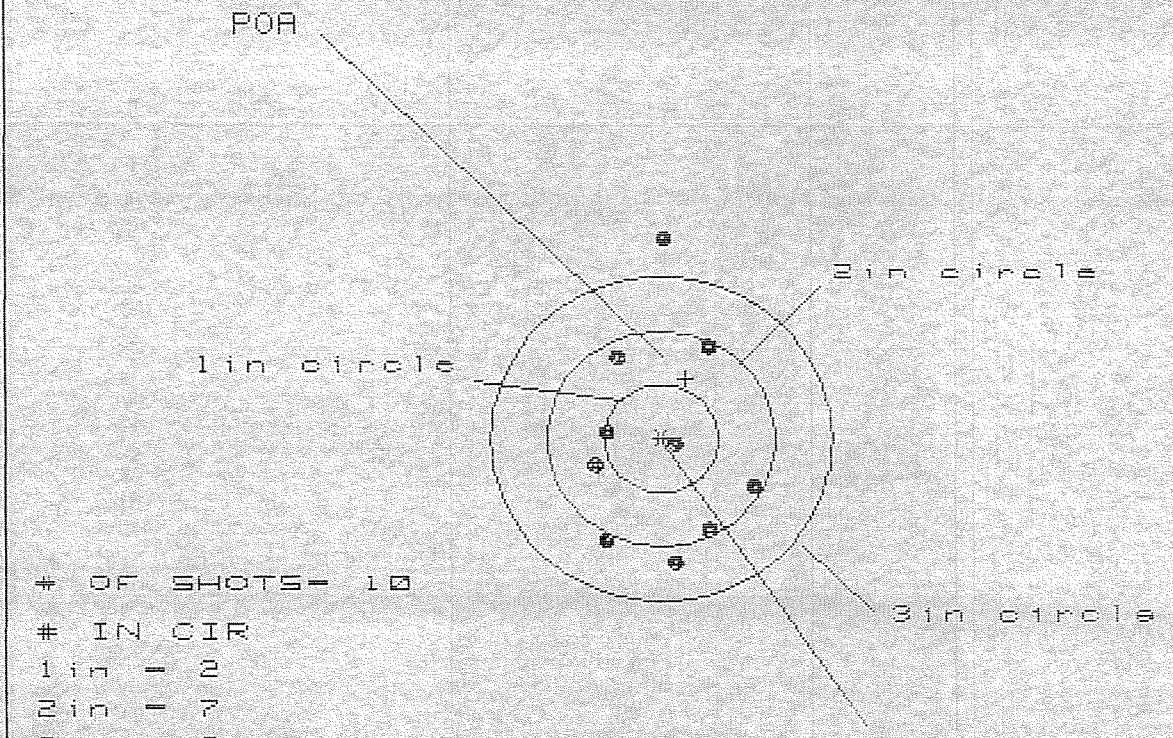
CENTERFIRE PATTERNS # 2



# OF SHOTS= 10
# IN CIR
1in = 2
2in = 7
3in = 9
HS= 1.372
VS= 2.970
GS= 2.971

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.831	.837	.855
MINIMUM X	:	-.541	-.535	-.517
MAXIMUM Y	:	1.873	1.114	1.003
MINIMUM Y	:	-1.097	-.889	-.861
CENTROID X	:	-.217	-.223	-.241
CENTROID Y	:	-.560	-.768	-.657
POA TO CENTROID in.	:	.601	.800	.700
MIN RADIUS	:	.085	.225	.144
MEAN RADIUS	:	.905	.784	.757
MAX RADIUS	:	1.874	1.182	1.084
HORIZONTAL SPREAD	:	1.372	1.372	1.372
VERTICAL SPREAD	:	2.970	2.003	1.864
EXTREME SPREAD	:	2.971	2.070	2.070
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		9	

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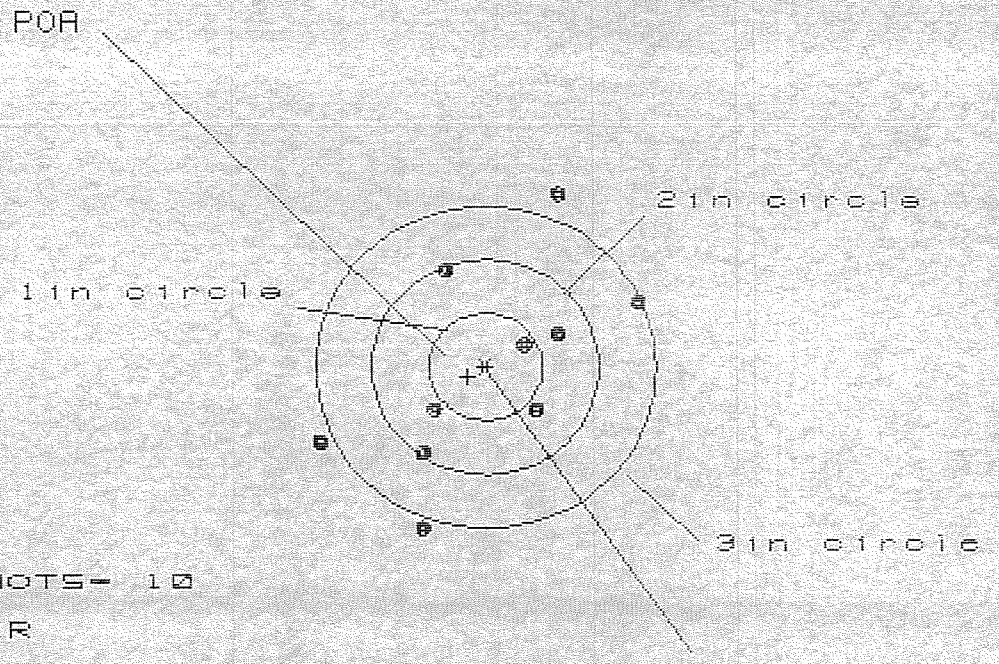
CENTERFIRE PATTERNS # 3



OF SHOTS= 10

# IN CIR
1in = 1
2in = 6
3in = 7

HS= 2.789
VS= 3.088
GS= 3.315

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.358	1.426	1.361
MINIMUM X	:	-1.431	-1.363	-1.429
MAXIMUM Y	:	1.619	1.069	.908
MINIMUM Y	:	-1.469	-1.289	-.777
CENTROID X	:	.159	.091	.156
CENTROID Y	:	.093	-.087	.074
POA TO CENTROID in.	:	.184	.126	.173
MIN RADIUS	:	.413	.441	.426
MEAN RADIUS	:	1.062	.978	.913
MAX RADIUS	:	1.731	1.640	1.567
HORIZONTAL SPREAD	:	2.789	2.789	2.789
VERTICAL SPREAD	:	3.088	2.358	1.685
EXTREME SPREAD	:	3.315	3.074	3.074
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		7	

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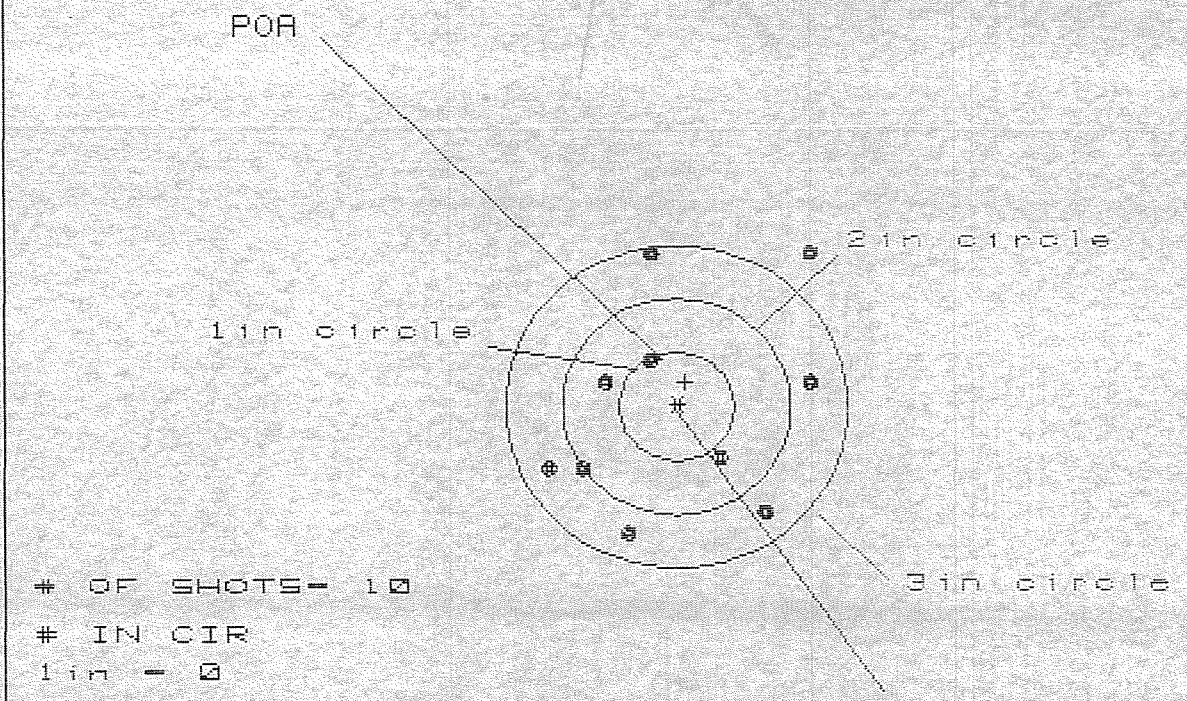
CENTERFIRE PATTERNS # 4



OF SHOTS= 10

# IN CIR
1in = 0
2in = 3
3in = 9

HS= 2.324
VS= 2.634
GS= 3.083

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.200	1.279	1.270
MINIMUM X	:	-1.125	-.991	-1.000
MAXIMUM Y	:	1.466	1.596	.797
MINIMUM Y	:	-1.168	-1.005	-.805
CENTROID X	:	-.075	-.208	-.199
CENTROID Y	:	-.227	-.390	-.590
POA TO CENTROID in.	:	.239	.442	.622
MIN RADIUS	:	.510	.589	.508
MEAN RADIUS	:	1.109	.994	.904
MAX RADIUS	:	1.894	1.598	1.399
HORIZONTAL SPREAD	:	2.324	2.270	2.270
VERTICAL SPREAD	:	2.634	2.601	1.602
EXTREME SPREAD	:	3.083	2.609	2.398
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		3	
NUMBER IN THREE INCH CIRCLE	=		9	

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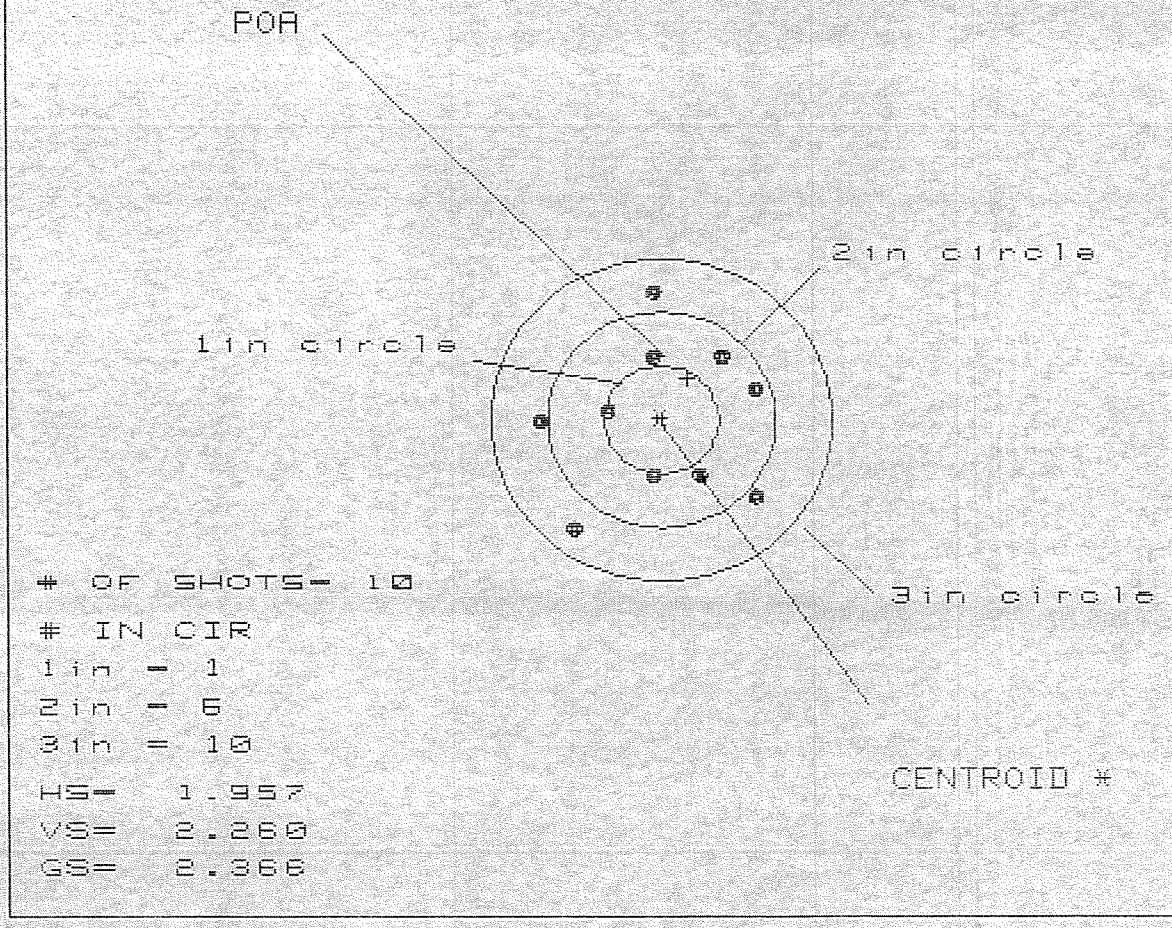
CENTERFIRE PATTERNS # 5



# OF SHOTS= 10
# IN CIR
1in = 1
2in = 5
3in = 10
HS= 1.957
VS= 2.260
GS= 2.366

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.851	.770	.757
MINIMUM X	:	-1.106	-1.187	-1.200
MAXIMUM Y	:	1.227	1.112	.575
MINIMUM Y	:	-1.033	-.835	-.696
CENTROID X	:	-.231	-.150	-.137
CENTROID Y	:	-.388	-.273	-.412
POA TO CENTROID in.	:	.451	.311	.434
MIN RADIUS	:	.475	.478	.509
MEAN RADIUS	:	.846	.791	.742
MAX RADIUS	:	1.263	1.192	1.201
HORIZONTAL SPREAD	:	1.957	1.957	1.957
VERTICAL SPREAD	:	2.260	1.947	1.271
EXTREME SPREAD	:	2.366	2.117	2.045
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		10	