

C6594629

MODEL 700™ M24

Model **SMS**™

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.

Remington

Repair Inquiry

Repair Number: RE00158815

Serial: C6594629 Model M24 SWS Center Fire
Caliber: 7.62 NATO Produced: 03/18/1991

Repairman:

Verify Repair

Status:

Closed 1/14/2009 9:44:54 AM

Address Information

Customer:

☒ Received From

Return To:

☐ Received From

Name: DEPARTMENT OF THE ARMY SUPPLY

DEPARTMENT OF THE ARMY SUPPLY

Address 1: B CO 2ND BN 3RD INFANTRY REGIMENT

B CO 2ND BN 3RD INFANTRY REGIMENT

Address 2: 3RD BRIGADE 2ND INFANTRY PO Box:

3RD BRIGADE 2ND INFANTRY PO Box:

City: FORT LEWIS

FORT LEWIS

State: WA

Zip Code: 98433

Country: US

State: WA

Zip Code: 98433

Country: US

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

Repair Search

Refresh

Close

magletj

1/26/2009

11:43 AM

CARS

NUM

INS

SCRL

H start

Inbox - Microsoft O...

FW: Request for De...

Icon 19 Feb - Messe...

Microsoft Excel - RA...

Arms Services Repa...

B: Paul

Serial Number:

C6594629

Model: M24 SWS



RE00158815

M-24 INSPECTION CHECKLIST
CONTRACT #: DAAE-20-02-C-0149

R & E NUMBER 158815
 SERIAL NUMBER C6594629
 LOG-IN DATE 1-14-09

OPERATION #	OPERATION NAME	DATE	INITIAL
500	DIS-ASSEMBLE GUN	1-27-09	RTZ
505	RE-BARREL	1-29-09	RTZ
560	ASSEMBLE	1-29-09	RTZ
600	PROOF	1-29-09	RTZ
605	CHECK HEADSPACE	1-29-09	RTZ
610	DIS-ASSEMBLE GUN	1-29-09	RTZ
612	MAGNAFLUX	2/2/09	RTZ
510	DRILL AND TAP	1-29-09	RTZ
615	ROLLMARK CALIBER	2/2/09	RTZ
618	ROTO-BLAST	2/2/09	RTZ
620	APPLY COATINGS	2/2/09	RTZ
625	FINAL ASSEMBLY	2-10-09	RTZ
640	FUNCTION TEST AND	PASS FAIL 2-11-09	RTZ
650	TARGET	PASS FAIL 2-11-09	RTZ
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
670	FINAL INSPECTION	2-11-09	RTZ
	A) HEADSPACE	PASS FAIL 2-11-09	RTZ
	B) TRIGGER PULL	2.71 2.77 2.74 2.66 2.83 2-11-09	RTZ
680	F) SAFETY ON FORCE	4.0 4.0 4.0 2-11-09	RTZ
	G) SAFETY OFF FORCE	4.0 4.0 4.0 2-11-09	RTZ
	I) FIRING PIN INDENT	.022 .022 .022 2-11-09	RTZ
690	PACK	2/2/09	RTZ

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

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

APD PE v1.10

M2400020660

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6594629.___0
FILE DATE AND TIME: 02/11/2009 09:20

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.001
The Average Y Centroid of the Five Target Set:	0.108
The Average Point of Impact of the Five Target Set:	0.108
The Average Mean Radius of the Five Target Set:	0.656
The Distance from POA to Centroid Target #1:	0.101
The Distance from Centroid Target #2 to Centroid Target #1:	0.241
The Distance from Centroid Target #3 to Centroid Target #1:	0.229
The Distance from Centroid Target #4 to Centroid Target #1:	0.291
The Distance from Centroid Target #5 to Centroid Target #1:	0.167

SERIAL NUMBER: C6594629. __0

TARGET NUMBER: 1

FILE DATE: 02/11/2009

FILE TIME: 09:20

POINT#	X	Y
1:	-0.533	-0.659
2:	0.614	-0.057
3:	-0.180	1.090
4:	-0.630	0.602
5:	0.602	0.603
6:	0.017	0.179
7:	0.101	-0.298
8:	-0.295	-0.285
9:	-0.457	-0.408
10:	-0.240	-0.605

X CENTROID: -0.100

Y CENTROID: 0.016

POA TO CENTROID: 0.101

HORZ SPREAD: 1.244

VERT SPREAD: 1.749

GROUP SPREAD: 1.784

MIN RADIUS: 0.201

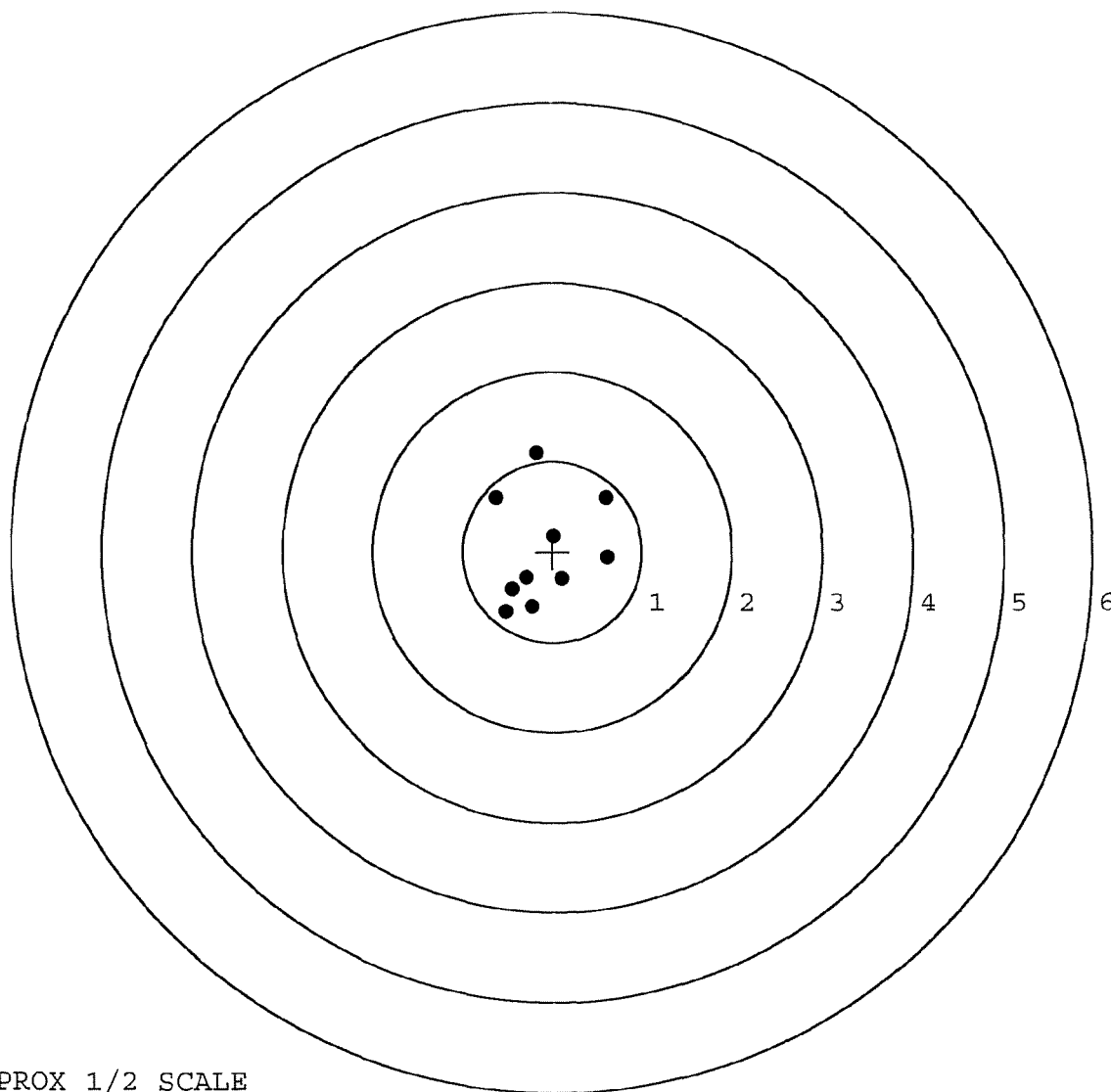
MAX RADIUS: 1.077

MEAN RADIUS: 0.643

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6594629. __0

TARGET NUMBER: 2

FILE DATE: 02/11/2009

FILE TIME: 09:20

POINT#	X	Y
1:	0.228	-1.033
2:	0.542	0.106
3:	-0.493	-0.545
4:	-0.883	0.253
5:	-0.351	1.027
6:	-0.379	0.859
7:	-0.511	0.233
8:	0.370	-0.013
9:	0.439	0.650
10:	0.705	0.940

X CENTROID: -0.033

Y CENTROID: 0.248

POA TO CENTROID: 0.250

HORZ SPREAD: 1.588

VERT SPREAD: 2.060

GROUP SPREAD: 2.140

MIN RADIUS: 0.478

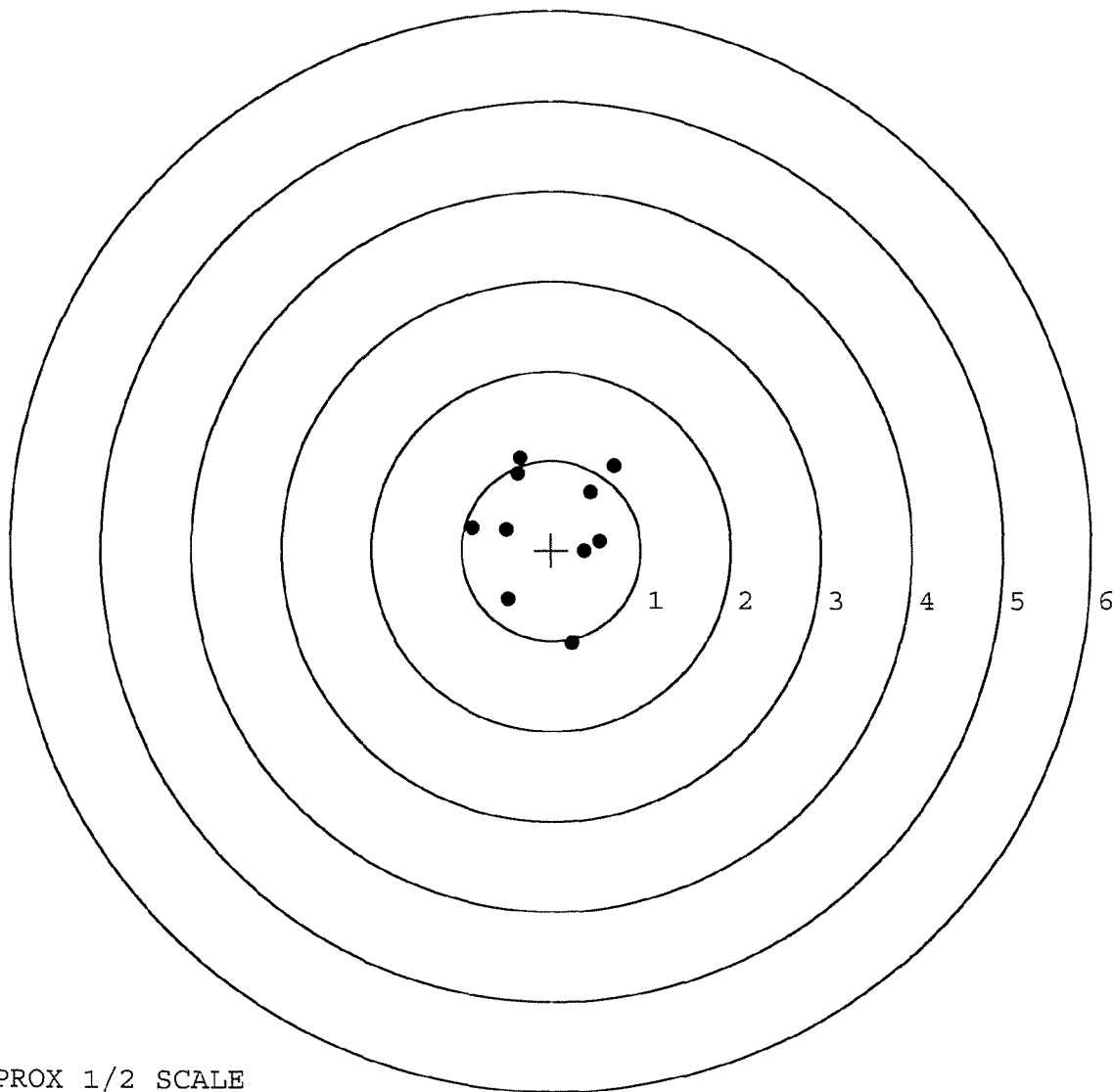
MAX RADIUS: 1.307

MEAN RADIUS: 0.780

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6594629. __0

TARGET NUMBER: 3

FILE DATE: 02/11/2009

FILE TIME: 09:20

POINT#	X	Y
1:	-0.254	-0.575
2:	-0.735	0.728
3:	0.648	0.489
4:	0.725	-0.061
5:	0.759	-0.288
6:	-0.395	-0.469
7:	-0.140	0.574
8:	0.147	0.515
9:	0.081	-0.287
10:	0.265	0.433

X CENTROID: 0.110

Y CENTROID: 0.106

POA TO CENTROID: 0.153

HORZ SPREAD: 1.494

VERT SPREAD: 1.303

GROUP SPREAD: 1.807

MIN RADIUS: 0.362

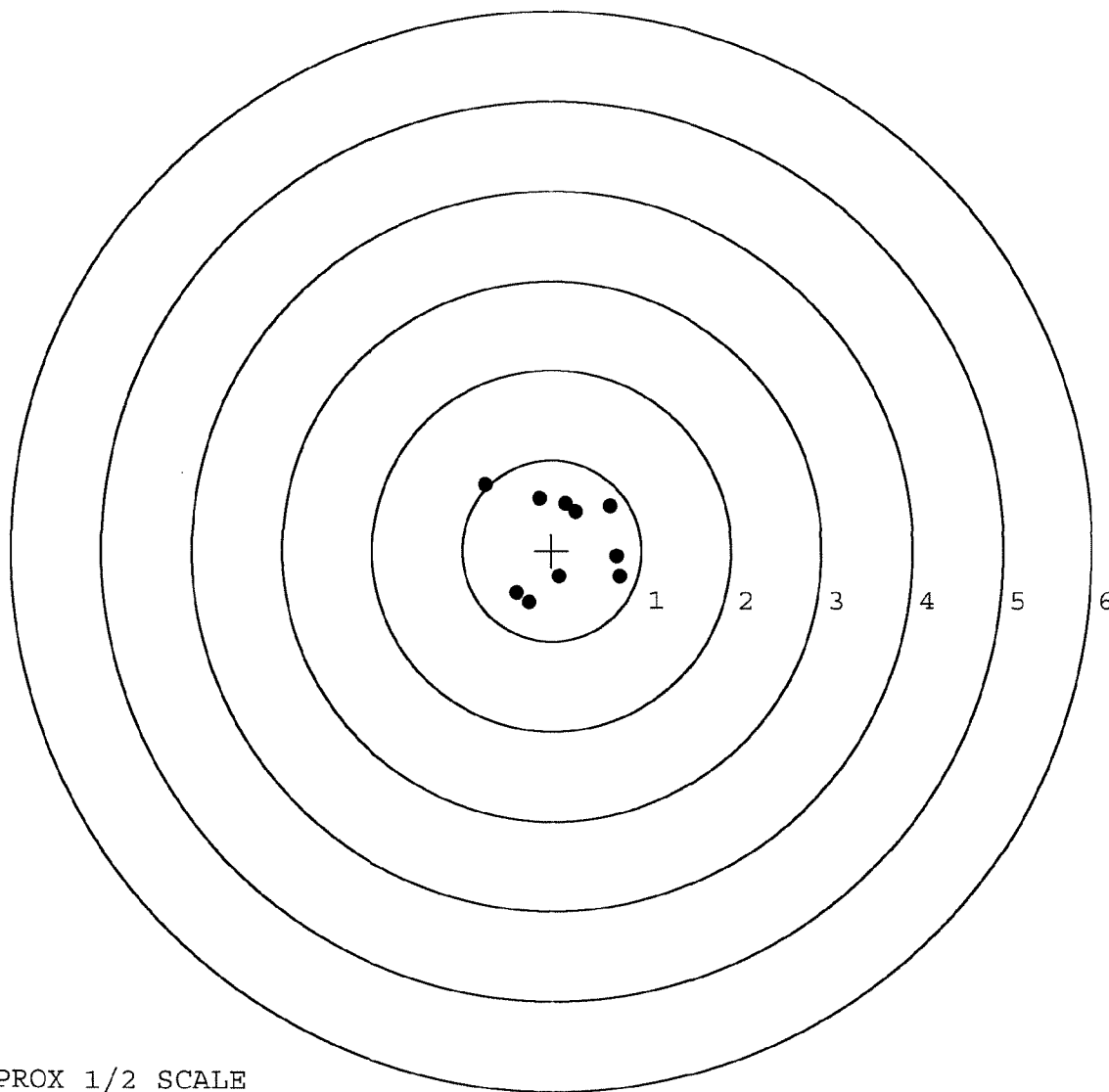
MAX RADIUS: 1.049

MEAN RADIUS: 0.634

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10

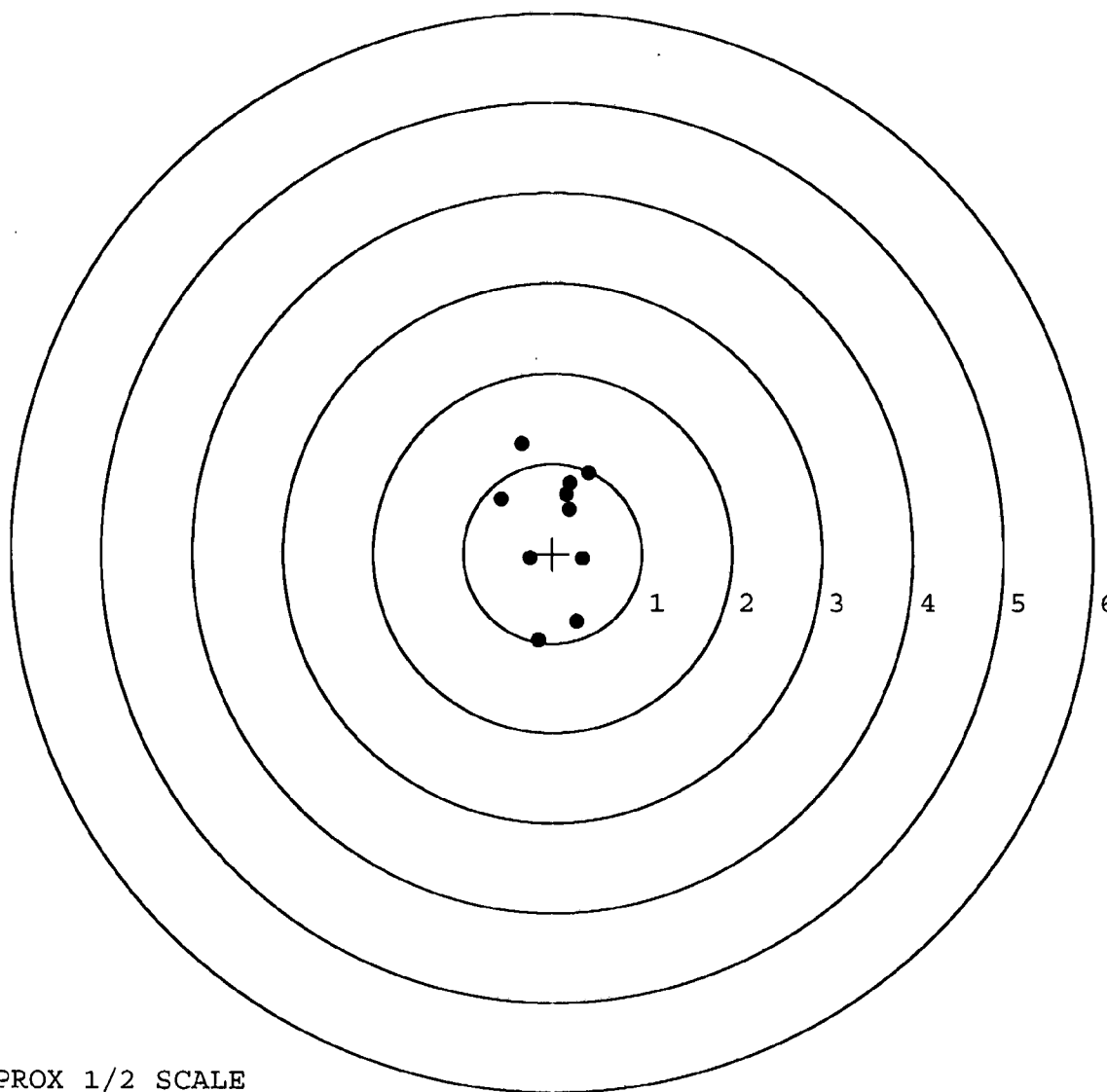


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6594629. 0
TARGET NUMBER: 4
FILE DATE: 02/11/2009
FILE TIME: 09:20

POINT#	X	Y
1:	-0.163	-0.970
2:	0.272	-0.765
3:	-0.574	0.601
4:	-0.353	1.219
5:	-0.258	-0.047
6:	0.337	-0.059
7:	0.405	0.894
8:	0.195	0.784
9:	0.160	0.658
10:	0.190	0.489

X CENTROID: 0.021
Y CENTROID: 0.280
POA TO CENTROID: 0.281
HORZ SPREAD: 0.979
VERT SPREAD: 2.189
GROUP SPREAD: 2.197
MIN RADIUS: 0.268
MAX RADIUS: 1.264
MEAN RADIUS: 0.685
IN 1 IN DIAMETER: 4
IN 2 IN DIAMETER: 7
in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6594629. __0

TARGET NUMBER: 5

FILE DATE: 02/11/2009

FILE TIME: 09:20

POINT#	X	Y
1:	0.366	-0.909
2:	-0.614	-0.644
3:	-0.369	0.942
4:	0.008	0.437
5:	-0.267	-0.605
6:	-0.182	-0.045
7:	0.405	-0.050
8:	0.349	0.052
9:	0.192	-0.010
10:	0.186	-0.280

X CENTROID: 0.007

Y CENTROID: -0.111

POA TO CENTROID: 0.111

HORZ SPREAD: 1.019

VERT SPREAD: 1.851

GROUP SPREAD: 1.992

MIN RADIUS: 0.201

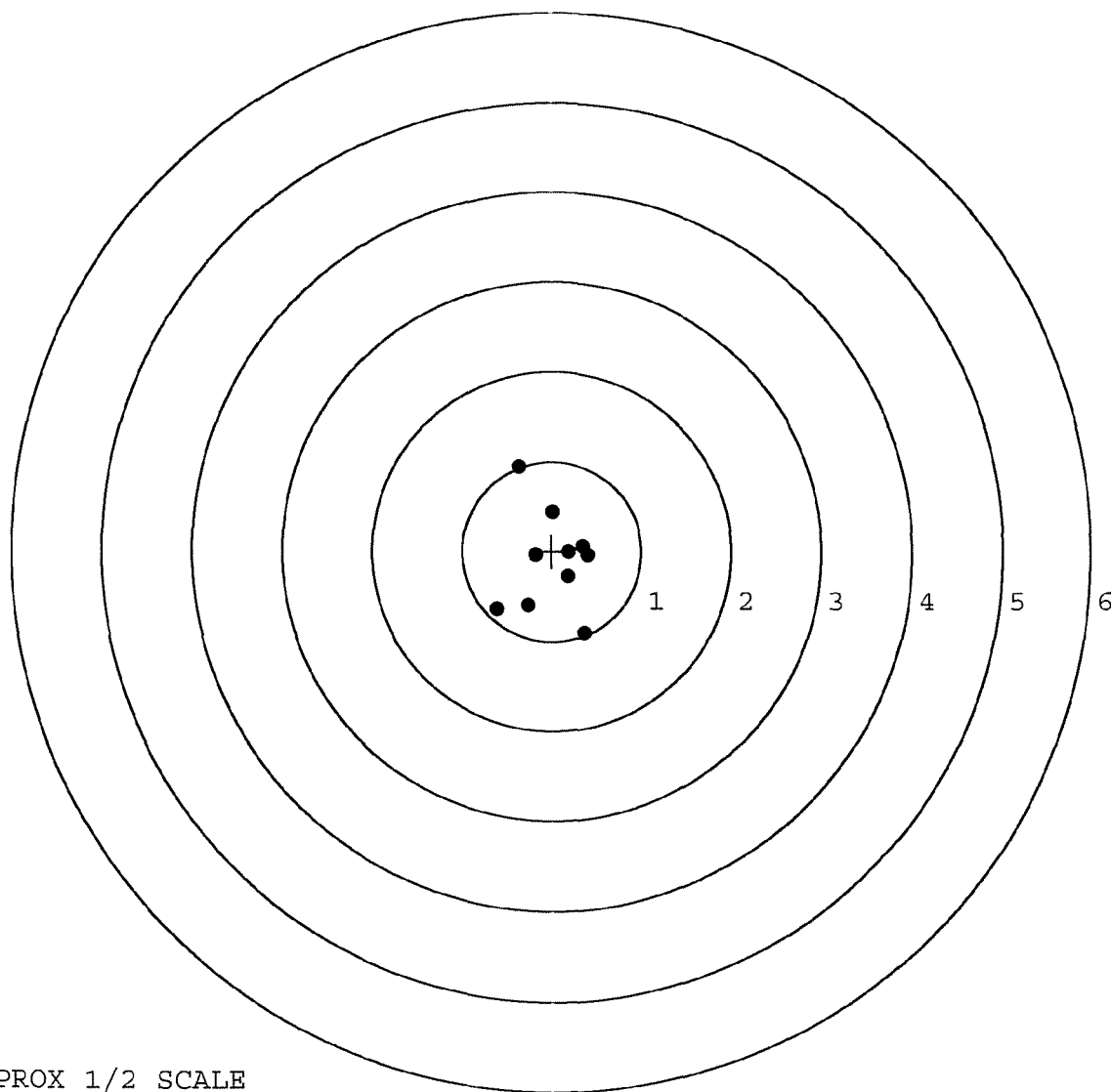
MAX RADIUS: 1.118

MEAN RADIUS: 0.536

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

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: **RE00110695**

Serial: C6594629 Model M24 SWS Center Fire
Caliber: 7.62 NATO

Repairman: _____

Verify Repair **High Priority**

Status: Closed 4/4/2006 2:20:32 PM

Address Information

Customer:

☒ Received From

Return To:

☐ Received From

Name: **HHC 2-3 INF**

HHC 2-3 INF

Address 1: **ATTN SCOUTS**

ATTN SCOUTS

Address 2: _____

PO Box: _____

PO Box: _____

City: **FT LEWIS**

FT LEWIS

State: **WA**

Zip Code: **98433**

Country: **US**

State: **WA**

Zip Code: **98433**

Country: **US**

FFL: _____

Contact / Condition

Problems

Estimate

History / Status

Shipping / Billing

Contact Information

Phone: **NA**

Fax: _____

Email: _____

Comments: _____

Received Condition

Good

Condition Notes: _____

CSR Notes: _____

Accessories Received

Code	Desc	Qty
A007	With Stud	3
A010	Hard Case	1
A017	Scope Base	1
C000	FRT & REAR SGT BA	1

Repair Search

Refresh

Close

nagletj

4/4/2006

2:22 PM

CAPS

NUM

INS

SCRL

start

2 M.

2 I.

Ar...

Pa...

2 M.

Mis...

DC...

80...

2:22 PM

Serial Number: **C6594629**

Model: **M24 SWS**



RE00110695

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

R & E NUMBER	110695			
SERIAL NUMBER	C6594629			
LOG-IN DATE	4-4-06			
INSPECT AND VERIFY:				
OPERATION #	OPERATION NAME	DATE	INITIALS	
550	DIS-ASSEMBLE GUN			
560 A	RE-BARREL			
B	DRILL AND TAP			
575	ASSEMBLE			
600	PROOF			
605	CHECK HEADSPACE	4-5-06	RTL	
610	DIS-ASSEMBLE GUN			
612	MAGNAFLUX			
615	ROLLMARK CALIBER			
618	ROTO-BLAST			
620	APPLY COATINGS			
625 A	FINAL ASSEMBLY			
B	TRIGGER PULL TEST			
C	SAFETY "ON" FORCE	4.5 4.5 4.5 4-6-06	TRW	
D	SAFETY "OFF" FORCE	3.0 3.5 3.5 4-6-06	TRW	
E	FIRING PIN INDENT	0.205 0.205 0.205 4-6-06	TRW	
640	TARGET CLEAN & TEST	4-5-06	TRW	
655	FINAL INSPECT	4-6-06	RTL	
660	PACK	4-7-06	RA	
SHIP DATE				
QAR INSPECTION DATE				

MAINTENANCE REQUEST For use of this form, see DA PAM 738-750 and 738-751; the proponent agency is DCSLOG				PAGE NO	NO OF PAGES	REQUIREMENT CONTROL SYMBOL CSGLD-1047(R1)
SECTION I - CUSTOMER DATA				SECTION II - MAINTENANCE ACTIVITY DATA		
1a. UIC CUSTOMER W54HTO	1b. CUSTOMER UNIT NAME HHC 2-3 W	1c. PHONE NO 967-6735	3a. WORK ORDER NUMBER (WON)		3b. SHOP	3c. PHONE NO
2a. SAMS-2 UIC/SAMS-I/TDA	2b. UTILIZATION CODE	2c. MCSR	4a. UIC SUPPORT UNIT		4b. SUPPORT UNIT NAME	
SECTION III - EQUIPMENT DATA						
5. TYPE MNT REQ CODE	6. ID	7. NSN 1005012402136	15a. FAILURE DETECTED DURING/WHEN DISCOVERED CODE (Enter code) See DA Pamphlets 738-750 and 738-751			
8. MODEL M24 SWS			15b. FIRST INDICATION OF TROUBLE/HOW RECOGNIZED CODE (Enter Code) See DA Pamphlets 738-750 and 738-751		16. MILES/KILOMETERS/HOURS/ROUNDS M K	
9. NOUN SUPER RIFLE					H R	
10a. ORG WON/DOC NO	10b. EIC					
11. SERIAL NUMBER 00594629	12. QTY 000012	13. PD	17. PROJECT CODE (if assigned)	18. ACCOUNT PROCESSING CODE	19. IN WARRANTY? (enter Y or N) Y	20. ADMIN NO
14. MALFUNCTION DESCRIPTION (for DSU, GSU/AVIM, DEPOT use)			21. REIMBURSABLE CUSTOMER (if Intransit customer enter Y or N)			
			22. LEVEL OF WORK		23. SIGNATURE	
24. DESCRIBE DEFICIENCIES OR SYMPTOMS ON THE BASIS OF COMPLETE CHECKOUT AND DIAGNOSTIC PROCEDURES IN EQUIPMENT TM (Do not prescribe repairs)						
25. REMARKS M3A SN 900499						
PREPARATION INSTRUCTIONS FOR THIS PAGE						
SECTION I Block 1a. Enter UIC of submitting organization. Block 1b. Enter name of submitting organization. Block 1c. Enter number to be called when maint. is completed. Block 2a. Enter UIC of supporting SAMS-2/SAMS-I/TDA if work is requested while intransit and away from your support maintenance unit. Block 2b. Enter utilization code. See DA Pamphlets 738-750 and 738-751. Block 2c. Enter "Y" if reportable under AR 700-138. If not, leave blank.			SECTION III (Cont'd) Block 12. Enter the quantity of items being submitted. Block 13. Enter the maintenance priority designator determined from DA PAM 710-2-1. Block 14. For DSU, GSU/AVIM, DEPOT use. Block 15a. Enter the code that most accurately describes when the fault or deficiency was detected. See DA Pamphlets 738-750 and 738-751. Block 15b. Select one. Enter the code. See DA Pamphlets 738-750 and 738-751. Block 16. Enter the accumulated usage data in blocks, when equipment is subject to usage reporting. Block 17. Enter the project code if one has been assigned. If not, leave blank. Block 18. See DA Pamphlets 738-750 and 738-751. Block 19. Enter "Y" or "N" to indicate whether equipment is still under manufacturer's warranty. Block 20. Enter the admin number assigned for property control purposes for the equipment being submitted. Block 21. For DSU/GSU/AVIM/Depot use. Block 22. Enter level of work performed "O" for UNIT LEVEL/AVUM, "F" for DSU/AVIM, "H" for GSU, "D" for DEPOT, "K" for contractor or "L" for Spc Rpr Act. Block 23. Enter the signature of the CO or the CO's designated representative when the priority designator is 01-10. For priority designators 11-15, leave blank. Block 24. Enter a brief description of the deficiencies or symptoms that you feel require attention at this level of maint. Block 25. Self-explanatory.			
SECTION II Leave blank. To be completed by the support maintenance DSU/GSU/AVIM/DEPOT.						
SECTION III Block 5. Enter the Type Maintenance Request Code. See DA Pamphlets 738-750 and 738-751. Block 6. Enter ID associated with block 7. See DA Pamphlets 738-750 and 738-751. Block 7. Enter the NSN or stock number of the item being submitted. Block 8. Enter model of item being submitted. Block 9. Enter noun/nomenclature of item being submitted. Block 10a. Enter Work Order Number (WON)/DOC NO assigned when item is submitted. Otherwise, leave blank. Block 10b. Enter End Item Code. See AMDF. Block 11. Enter serial number of item being submitted.						
34a. SUBMITTED BY H. DeAngelo	35a. ACCEPTED BY	35c. DATE	Block 34a. Enter first initial and last name of submitter. Block 34b. Enter ordinal date submitted (YYDDD). Block 35a. Enter first initial and last name of person accepting maint. request. Block 35b. Enter the initial status. See DA Pamphlets 738-750 and 738-751. Block 35c. Enter ordinal date accepted (YYDDD). Block 35d. Enter military time.			
34b. DATE	35b. STATUS	35d. TIME				

DA FORM 2407, JUL 94

PREVIOUS EDITIONS OF DA FORM 2407 AND DA FORM 5504 ARE OBSOLETE

RECEIPT COPY 1

Serial Number: C6594629

Model: M24 SWS



RE00098044

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6594629.___0
FILE DATE AND TIME: 08/09/2005 10:35

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.032
The Average Y Centroid of the Five Target Set:	0.280
The Average Point of Impact of the Five Target Set:	0.281
The Average Mean Radius of the Five Target Set:	1.016
The Distance from POA to Centroid Target #1:	0.260
The Distance from Centroid Target #2 to Centroid Target #1:	0.367
The Distance from Centroid Target #3 to Centroid Target #1:	0.131
The Distance from Centroid Target #4 to Centroid Target #1:	0.207
The Distance from Centroid Target #5 to Centroid Target #1:	0.126

SERIAL NUMBER: C6594629. __0

TARGET NUMBER: 1

FILE DATE: 08/09/2005

FILE TIME: 10:35

X CENTROID: 0.070

Y CENTROID: 0.250

POA TO CENTROID: 0.260

HORZ SPREAD: 2.779

VERT SPREAD: 2.870

GROUP SPREAD: 3.047

MIN RADIUS: 0.701

MAX RADIUS: 2.166

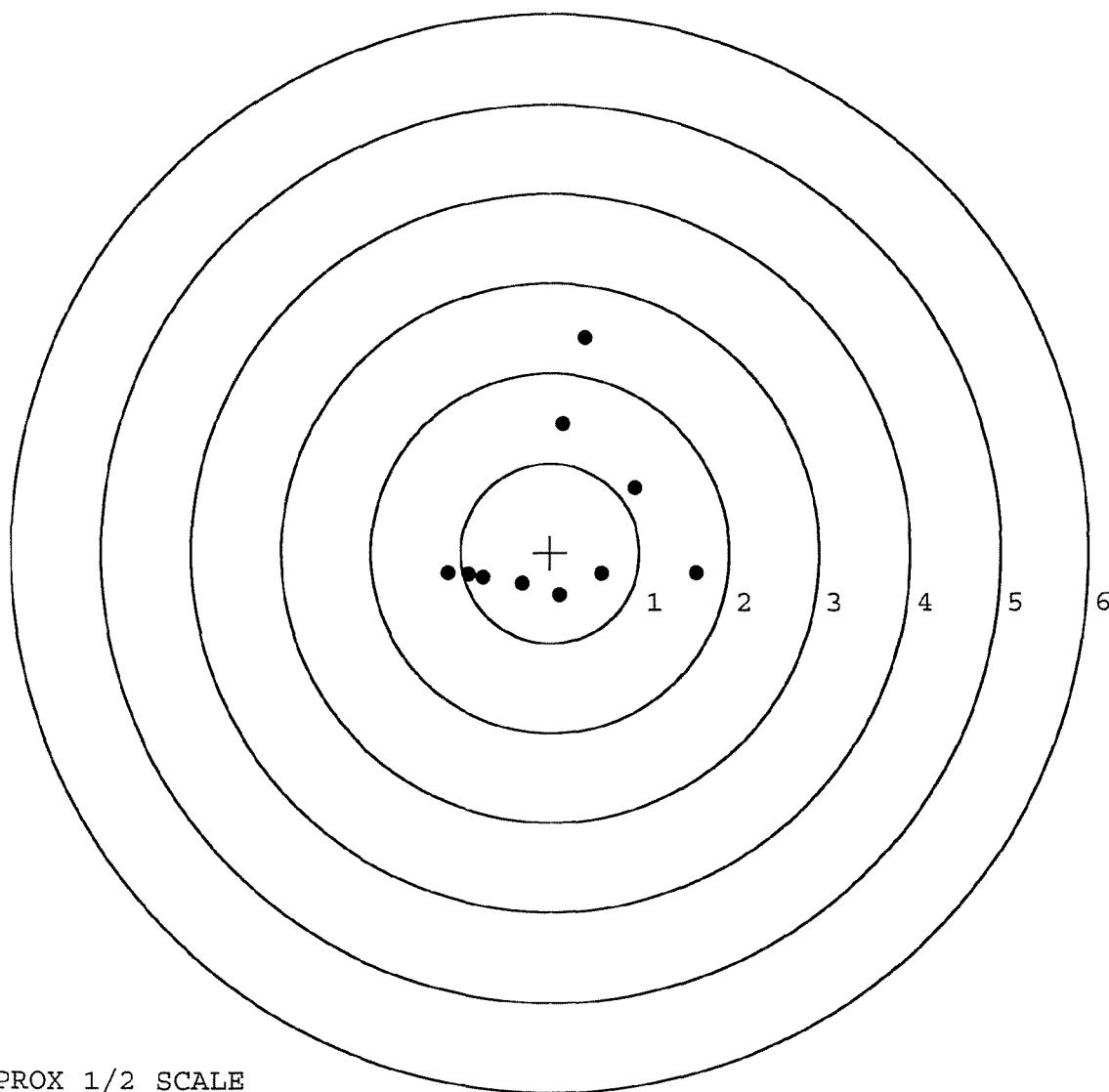
MEAN RADIUS: 1.152

IN 1 IN DIAMETER: 0

IN 2 IN DIAMETER: 4

in 3 IN DIAMETER: 8

POINT#	X	Y
1:	1.638	-0.230
2:	0.576	-0.235
3:	0.106	-0.478
4:	-0.317	-0.350
5:	-0.753	-0.277
6:	0.950	0.726
7:	0.153	1.435
8:	0.395	2.392
9:	-0.908	-0.243
10:	-1.141	-0.239



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6594629. __0

TARGET NUMBER: 2

FILE DATE: 08/09/2005

FILE TIME: 10:35

X CENTROID: -0.182

Y CENTROID: 0.517

POA TO CENTROID: 0.548

HORZ SPREAD: 2.072

VERT SPREAD: 4.068

GROUP SPREAD: 4.078

MIN RADIUS: 0.285

MAX RADIUS: 2.520

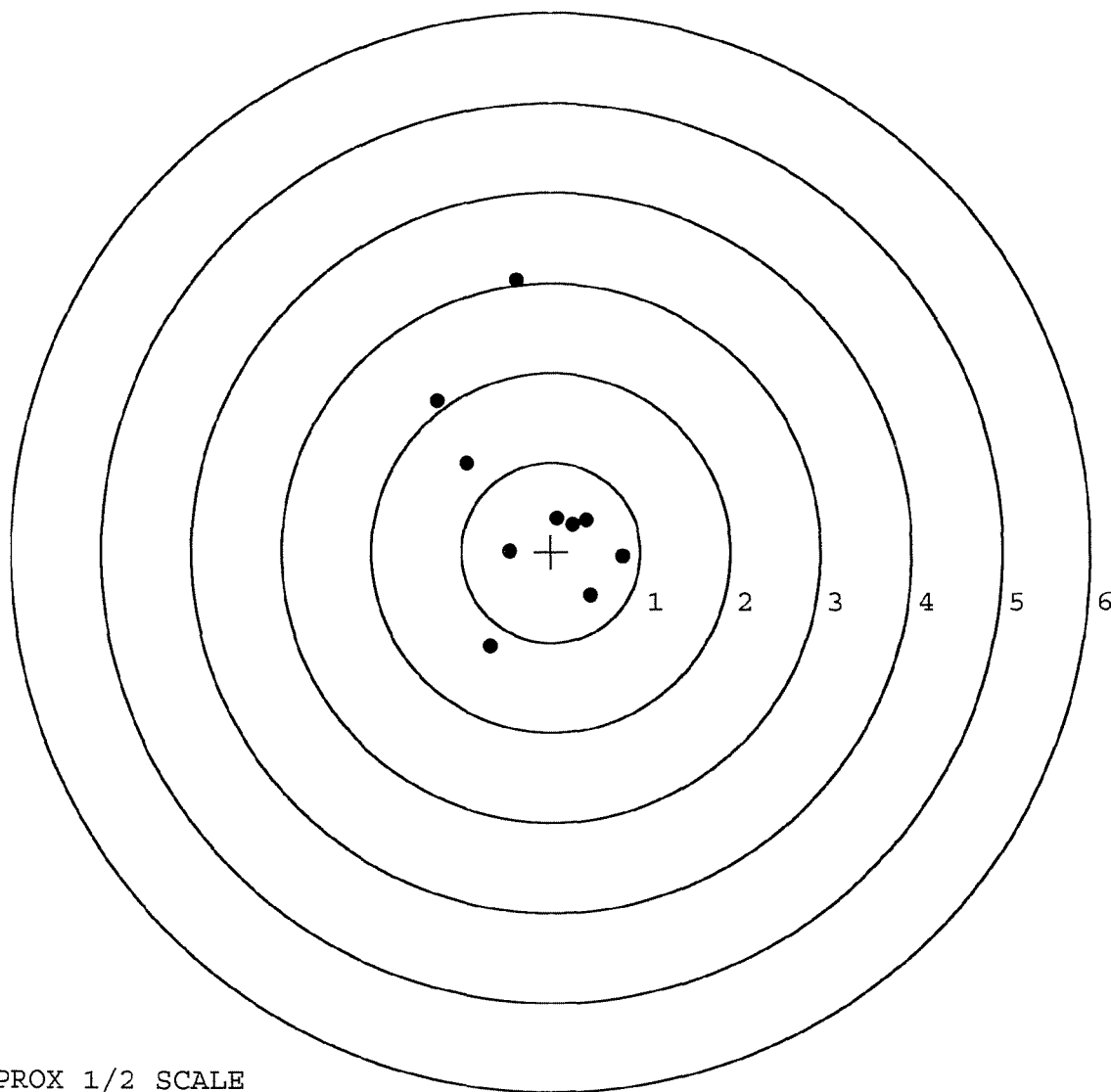
MEAN RADIUS: 1.088

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 5

in 3 IN DIAMETER: 7

POINT#	X	Y
1:	0.802	-0.051
2:	0.441	-0.479
3:	0.392	0.360
4:	0.235	0.311
5:	0.062	0.369
6:	-0.465	0.010
7:	-0.676	-1.040
8:	-0.944	0.981
9:	-1.270	1.683
10:	-0.392	3.028



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6594629. __0

TARGET NUMBER: 3

FILE DATE: 08/09/2005

FILE TIME: 10:35

X CENTROID: -0.007

Y CENTROID: 0.145

POA TO CENTROID: 0.145

HORZ SPREAD: 1.838

VERT SPREAD: 3.435

GROUP SPREAD: 3.486

MIN RADIUS: 0.300

MAX RADIUS: 2.085

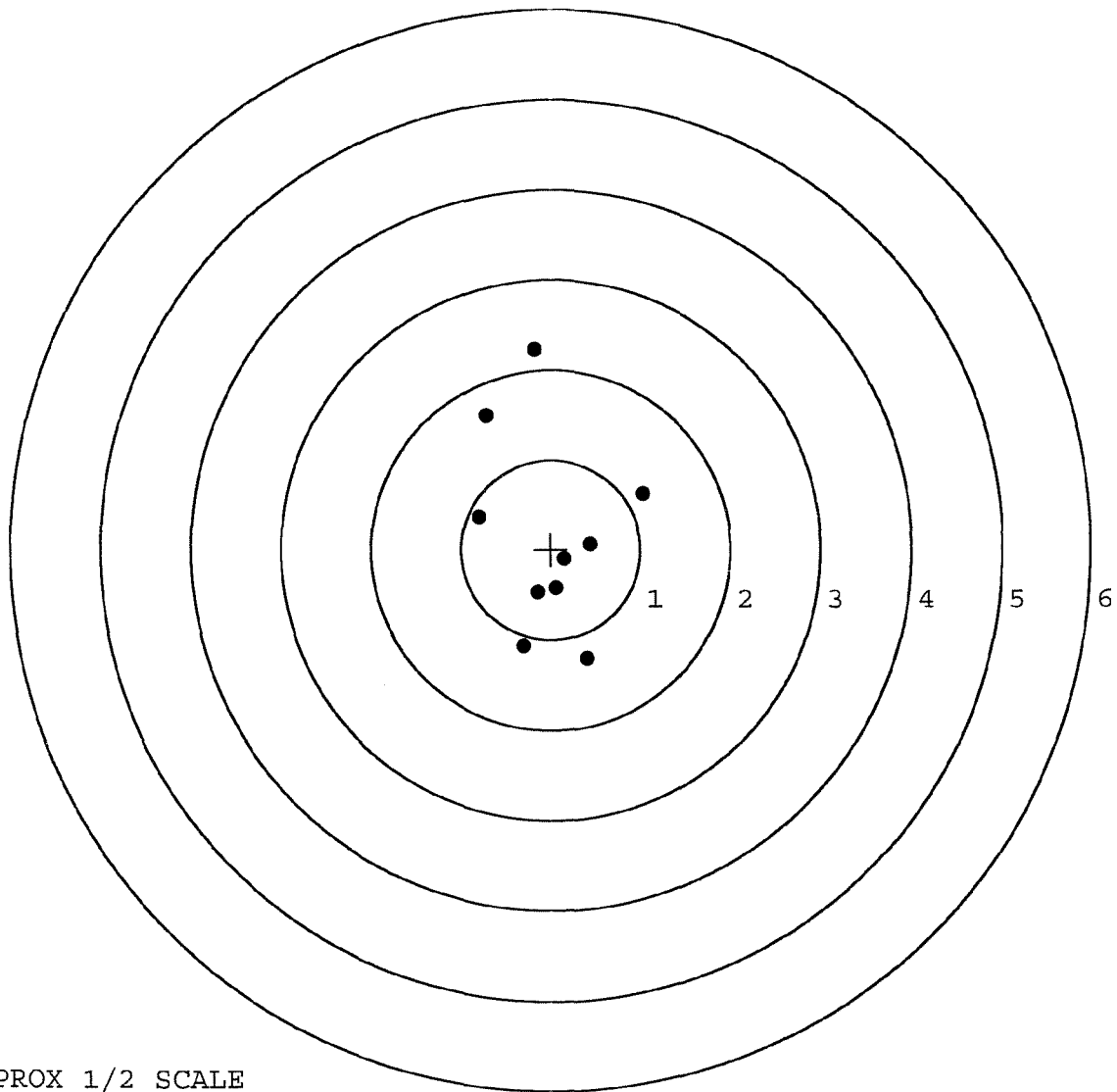
MEAN RADIUS: 1.025

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 5

in 3 IN DIAMETER: 8

POINT#	X	Y
1:	0.413	-1.213
2:	-0.306	-1.079
3:	1.032	0.620
4:	-0.806	0.360
5:	0.446	0.065
6:	0.153	-0.109
7:	0.057	-0.435
8:	-0.151	-0.482
9:	-0.726	1.498
10:	-0.184	2.222



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6594629. 0

TARGET NUMBER: 4

FILE DATE: 08/09/2005

FILE TIME: 10:35

POINT#	X	Y
1:	1.781	-0.188
2:	0.994	0.603
3:	0.574	1.106
4:	0.377	0.206
5:	0.411	-0.070
6:	-0.020	-0.451
7:	-0.470	-0.668
8:	-0.202	0.295
9:	-0.398	-0.182
10:	-0.823	0.454

X CENTROID: 0.222

Y CENTROID: 0.110

POA TO CENTROID: 0.248

HORZ SPREAD: 2.604

VERT SPREAD: 1.774

GROUP SPREAD: 2.682

MIN RADIUS: 0.182

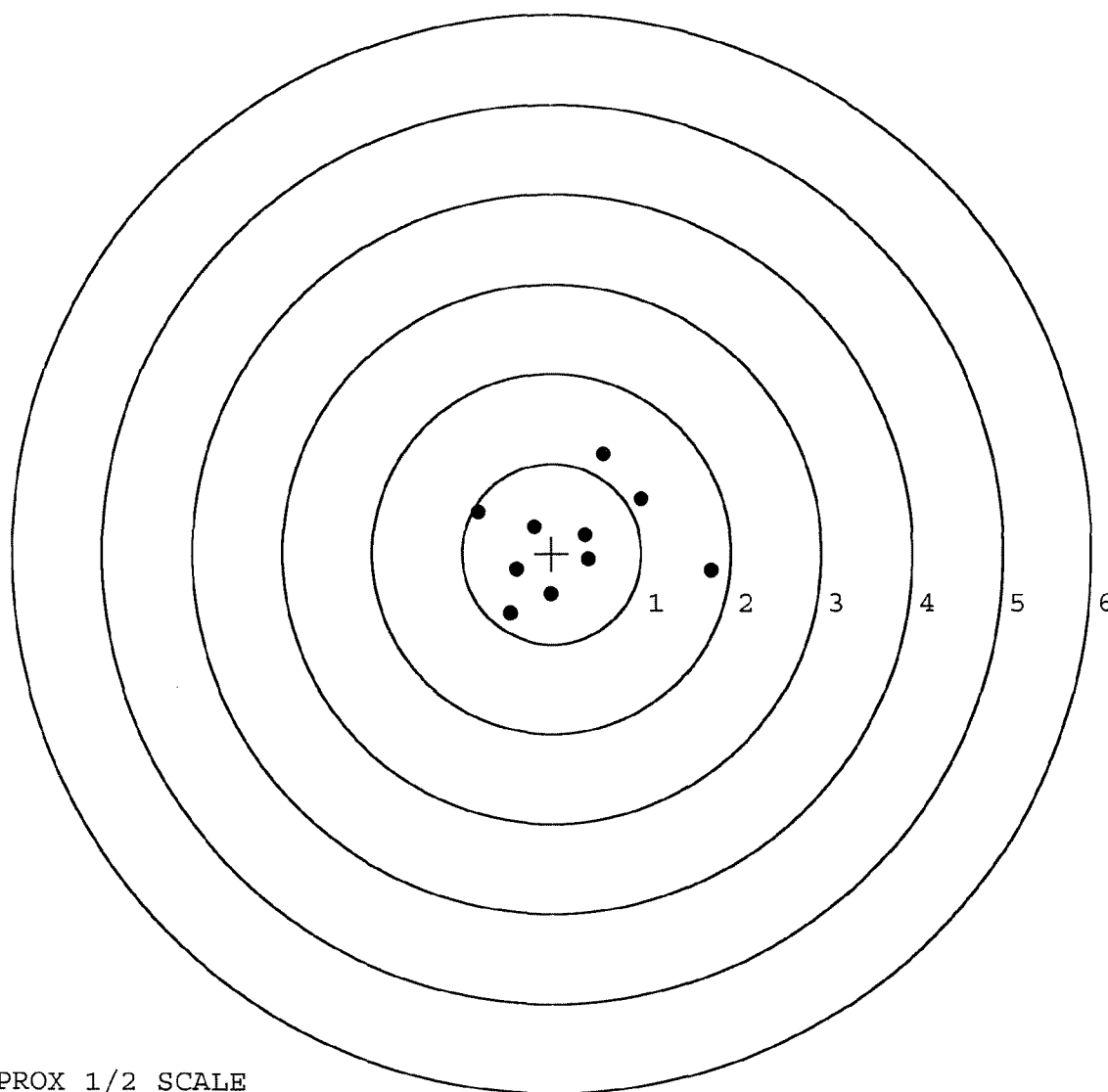
MAX RADIUS: 1.587

MEAN RADIUS: 0.790

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 6

in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6594629. 0

TARGET NUMBER: 5

FILE DATE: 08/09/2005

FILE TIME: 10:35

X CENTROID: 0.055

Y CENTROID: 0.375

POA TO CENTROID: 0.379

HORZ SPREAD: 1.472

VERT SPREAD: 3.228

GROUP SPREAD: 3.240

MIN RADIUS: 0.198

MAX RADIUS: 1.760

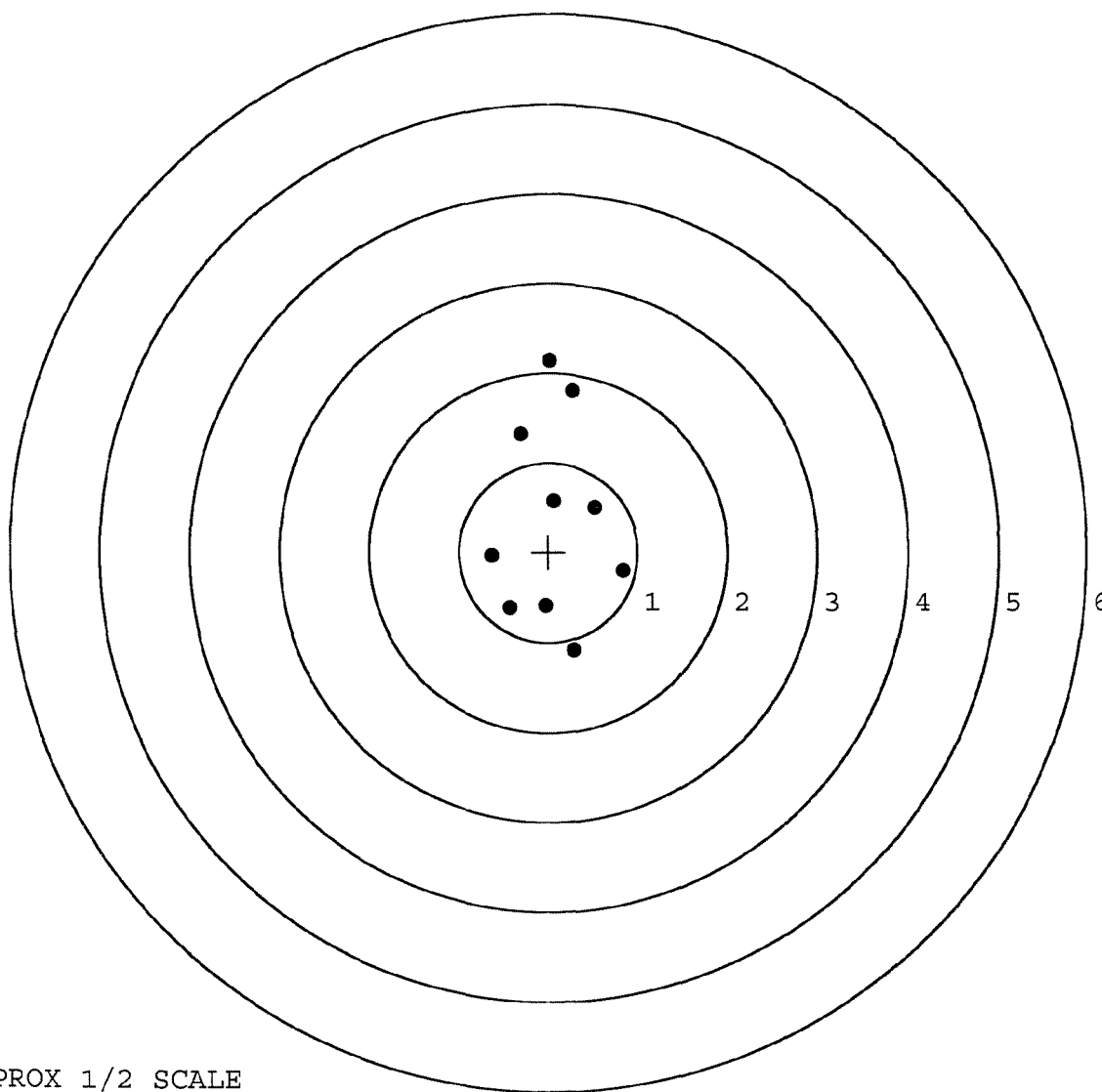
MEAN RADIUS: 1.025

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 5

in 3 IN DIAMETER: 9

POINT#	X	Y
1:	0.293	-1.093
2:	0.837	-0.210
3:	0.518	0.503
4:	-0.034	-0.602
5:	-0.437	-0.625
6:	-0.635	-0.042
7:	0.054	0.573
8:	-0.317	1.317
9:	0.260	1.797
10:	0.010	2.135



TARGET APPROX 1/2 SCALE

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

R. & E NUMBER	98044		
SERIAL NUMBER	C6594629		
LOG-IN DATE	10-22-05		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	10-23-05	RT
560 A	RE-BARREL	10-27-05	RT
B	DRILL AND TAP	7-5-05	TRW
575	ASSEMBLE	10-27-05	RT
600	PROOF	7-5-05	RT
605	CHECK HEADSPACE	7-5-05	RT
610	DIS-ASSEMBLE GUN	7-5-05	RT
612	MAGNAFLUX RATOR	7/6/05	WMS
615	ROLLMARK CALIBER	7-10-05	CW
618	ROTO-BLAST	7/7/05	JS
620	APPLY COATINGS	7-18-05	WJ
625 A	FINAL ASSEMBLY	8-1-05	RT
B	TRIGGER PULL TEST	8-17-05	AC
C	SAFETY "ON" FORCE	8-17-05	AC
D	SAFETY "OFF" FORCE	8-17-05	AC
E	FIRING PIN INDENT	8-17-05	AC
640	TARGET	8-9-05	TRW
655	FINAL INSPECT	8-17-05	AC
660	PACK	8-19-05	DA
		SHIP DATE	
		QAR INSPECTION DATE	

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50 LBS (plus or minus 0.50 LBS)
3.00 LBS (plus or minus 0.75 LBS)
4.00 LBS (plus or minus 1.00 LBS)

SERIAL NO. _____

DATE

6-21-05

TESTER

TRW

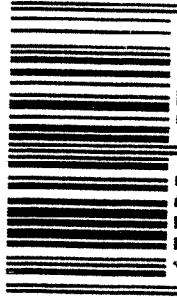
	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS		COMMENTS
PULL #1	2.85	2.71		2.55	
PULL #2	2.16	2.51		2.19	
PULL #3	2.24	2.52		2.25	
PULL #4	2.28	2.51		2.46	
PULL #5	2.30	2.48		2.53	
TOTAL	11.83	12.73		11.98	
AVERAGE	2.36	2.54		2.39	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	3.31	3.41 TRW		
PULL #2	3.24	3.63		
PULL #3	3.20	3.47		
PULL #4	3.22	3.31		
PULL #5	3.31	3.50		
TOTAL	16.28	17.32		
AVERAGE	3.25	3.46		

	4.00 LBS INITIAL	4.00 LBS AFTER 20 CYCLES	MAX SETTING GREATER THAN 4 LBS	RESET TO 4 LBS FOR TARGET & ACCURACY
PULL #1	4.03	4.11		4.81
PULL #2	4.21	4.02		4.35
PULL #3	4.21	4.03		4.35
PULL #4	4.28	4.07		4.18
PULL #5	4.12	4.00		4.11
TOTAL	20.85	20.23		21.80
AVERAGE	4.17	4.04		4.36

Remington REG. U.S. PAT. & TM. OFF.		VERY IMPORTANT: Instruction Book enclosed to assure safe use of this firearm.
MODEL 700TM M24	SERIAL NO. C6594629	ORDER NO. 5716
MADE IN LION, N.Y. U.S.A. Reg. U.S. Pat. & Tm. Off. Marca Registrada Marque Deposee.		

UPC



0 47700 25716 7



5716 C6594629

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6594629

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		12/24/90	K.S.
600	Proof		12/24/90	K.S.
607	Check Headspace		12/24/90	K.S.
610	Dis-assemble Gun		12/24/90	K.S.
612	Magnaflux Barrel Action		1-7-91	KR
	Magnaflux Bolt		1-7-91	KR
615	Rollmark Caliber		1-7-91	GLS
617	Drill and Tap Sight Holes	1	10 91	LB
618	Polish Barrel	1	10 91	WB
620	Apply Coatings (Barrel Action)		1-26-91	TH
	Apply Coating (Bolt)		1-26-91	TH
625	Final Assembly A) Clean inside of Bolt Assembly		2/4/91	YH
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		2/4/91	YH
	C) Inspect Ejector Hole for Chamfer		2/4/91	YH
	D) Oil Firing Pin Ass'y		2/4/91	YH
	E) Adjust Trigger Pull to Min Setting and Stake		2/7/91	YH

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	6	6	5 3/4			2/7/91	WLB
	G) Safety Off Force	2 1/2	2 1/2	2 1/2			2/7/91	WLB
	H) Trigger Pull Test & Retainability						2/7/91	JH
	I) Firing Pin Indent	.0205	.020	.0205			2/7/91	WLB
	J) Assemble Stock						2/8/91	KH
	K) Assemble Swivel Studs						2-21-91	A
	L) Attach Front and Rear Sight Assemblies						2/8/91	KH
	M) Iron Sight Alignment						2/8/91	KH
	N) Detach Front & Rear Sights & place in numbered container						2/8/91	KH
	O) Attach Scope to Rifle						2/8/91	KH
	P) Detach & Attach Scope 20 Times						2/8/91	KH
640	Gallery Target & Test						2/8/91	ES
	A) Time						"	ES
	B) Malfunctions						"	ES
	C) Pierced Primers						"	ES
	D) Optical Clarity of Scope						"	ES
645	Inspect for Live Ammo						2/8/91	ES
655	Final Inspection							
	A) Headspace						2-21-91	A
	B) Trigger Pull	2.28	2.33	2.38	2.36	2.37	2/19/91	WLB
	C) Function						2-21-91	A
660	Pack						3/14/91	WLB

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50#+.50#

3.00#+.75#

4.00#+1.00#

SERIAL NO. C6594629

DATE 2/7/98

TESTER JH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.20	2.37	2.36	2.28	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.22	2.31	2.30	2.33	
PULL #3	2.23	2.36	2.38	2.38	
PULL #4	2.26	2.36	2.25	2.36	
PULL #5	2.24	2.30	2.36	2.37	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.27	3.23		
PULL #2	3.24	3.43		
PULL #3	3.29	3.36		
PULL #4	3.13	3.34		
PULL #5	3.16	3.22		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.23	4.31		4.30
PULL #2	4.21	4.23		4.37
PULL #3	4.21	4.36		4.34
PULL #4	4.18	4.35		4.11
PULL #5	4.14	4.15		4.41
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6594629
9 Feb 1991

CENTROIDAL DISTANCES

0 TO	1	.408375
1 TO	2	.329985
1 TO	3	.495025
1 TO	4	.160552
1 TO	5	.223486

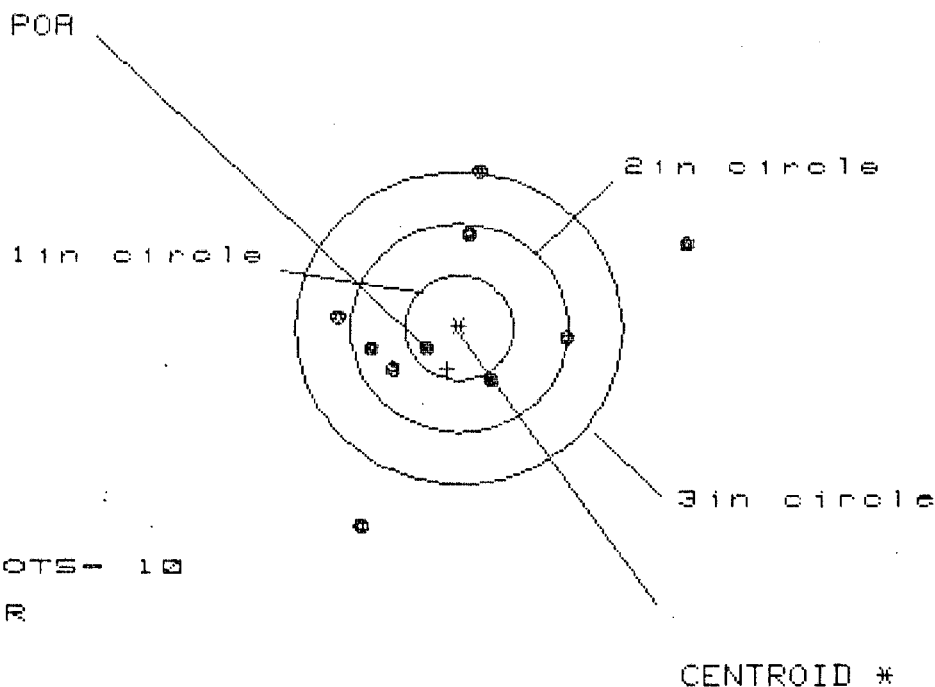
$\frac{45}{43}$ <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .145
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .1904
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .239326
THE AMP FOR THIS RIFLE IS: 1.057

9 Feb 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6594629

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1in = 1

2in = 5

3in = 8

HS= 3.243

VS= 3.329

GS= 3.995

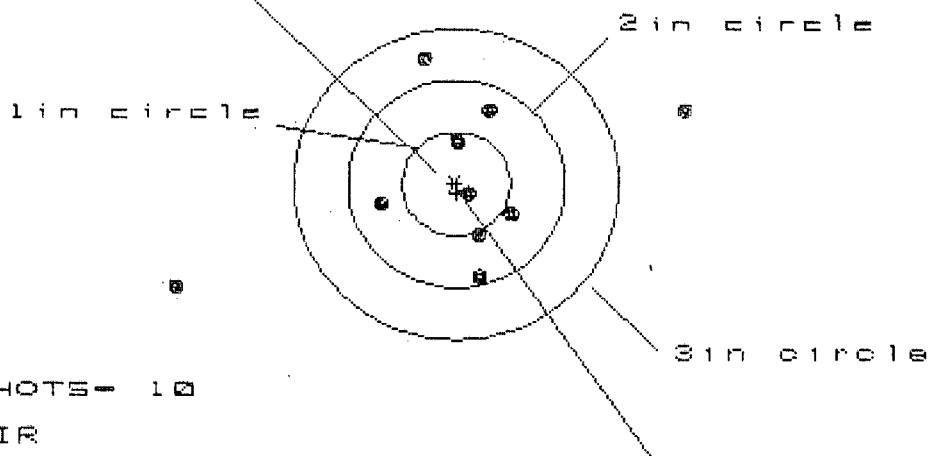
PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	2.114	1.254	1.173
MINIMUM X	:	-1.129	-.894	-.975
MAXIMUM Y	:	1.473	1.560	1.338
MINIMUM Y	:	-1.856	-1.769	-.629
CENTROID X	:	.111	-.124	-.043
CENTROID Y	:	.393	.306	.528
POR TO CENTROID in.	:	.409	.331	.529
MIN RADIUS	:	.351	.113	.345
MEAN RADIUS	:	1.133	.950	.862
MAX RADIUS	:	2.255	1.885	1.379
HORIZONTAL SPREAD	:	3.243	2.148	2.148
VERTICAL SPREAD	:	3.329	3.329	1.967
EXTREME SPREAD	:	3.995	3.495	2.157
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		8	

9 Feb 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6534623

CENTERFIRE PATTERNS # 2

POA



OF SHOTS - 10

IN CIR

1 in = 2

2 in = 7

3 in = 8

HS = 4.729

VS = 2.182

GS = 5.030

CENTROID *

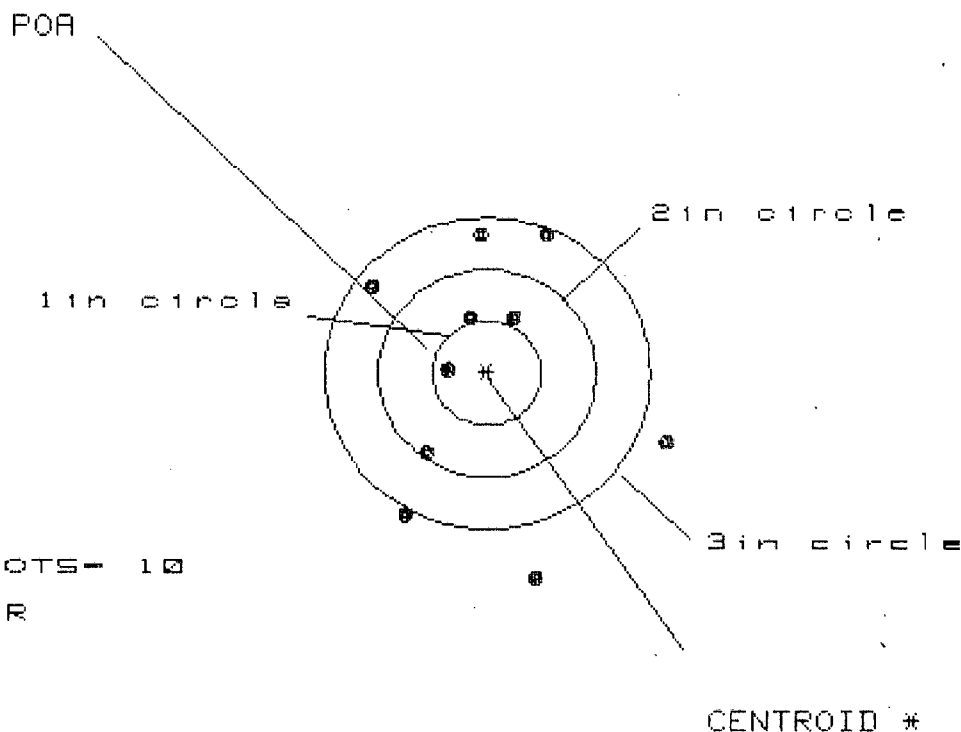
PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	2.128	1.839	.453
MINIMUM X	:	-2.601	-.956	-.726
MAXIMUM Y	:	1.177	1.065	1.140
MINIMUM Y	:	-1.005	-1.014	-.939
CENTROID X	:	-.010	.279	.049
CENTROID Y	:	.086	.198	.123
POA TO CENTROID in.	:	.087	.342	.132
MIN RADIUS	:	.174	.242	.154
MEAN RADIUS	:	1.024	.816	.643
MAX RADIUS	:	2.788	1.934	1.191
HORIZONTAL SPREAD	:	4.729	2.795	1.179
VERTICAL SPREAD	:	2.182	2.079	2.079

EXTREME	SPREAD :	5.030	2.937	2.137
NUMBER IN ONE	INCH CIRCLE	=	2	
NUMBER IN TWO	INCH CIRCLE	=	7	
NUMBER IN THREE	INCH CIRCLE	=	8	

9 Feb 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6534629

CENTERFIRE PATTERNS # 3



OF SHOTS - 10

IN CIR

1in = 1

2in = 4

3in = 7

HS = 2.726

VS = 3.252

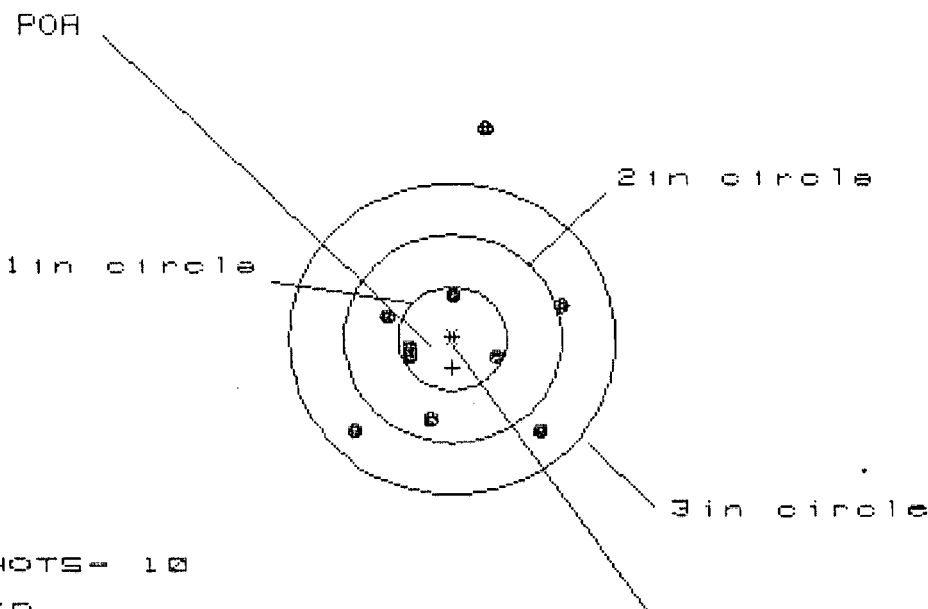
GS = 3.269

PATTERN #	3		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.669	1.718	.837
MINIMUM X	-1.057	-1.008	-.794
MAXIMUM Y	1.321	1.107	.998
MINIMUM Y	-1.931	-1.551	-1.660
CENTROID X	.358	.309	.095
CENTROID Y	-.036	.178	.287
POA TO CENTROID in.	.360	.357	.302
MIN RADIUS	.385	.365	.284
MEAN RADIUS	1.194	1.052	.904
MAX RADIUS	1.980	1.925	1.723
HORIZONTAL SPREAD	2.726	2.726	1.631
VERTICAL SPREAD	3.252	2.658	2.658
EXTREME SPREAD	3.269	3.101	2.959
NUMBER IN ONE INCH CIRCLE	=	1	
NUMBER IN TWO INCH CIRCLE	=	4	
NUMBER IN THREE INCH CIRCLE	=	7	

9 Feb 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6594629

CENTERFIRE PATTERNS # 4



OF SHOTS- 10

IN CIR

1 in = 4

2 in = 6

3 in = 9

HS= 1.859

VS= 2.896

GS= 3.094

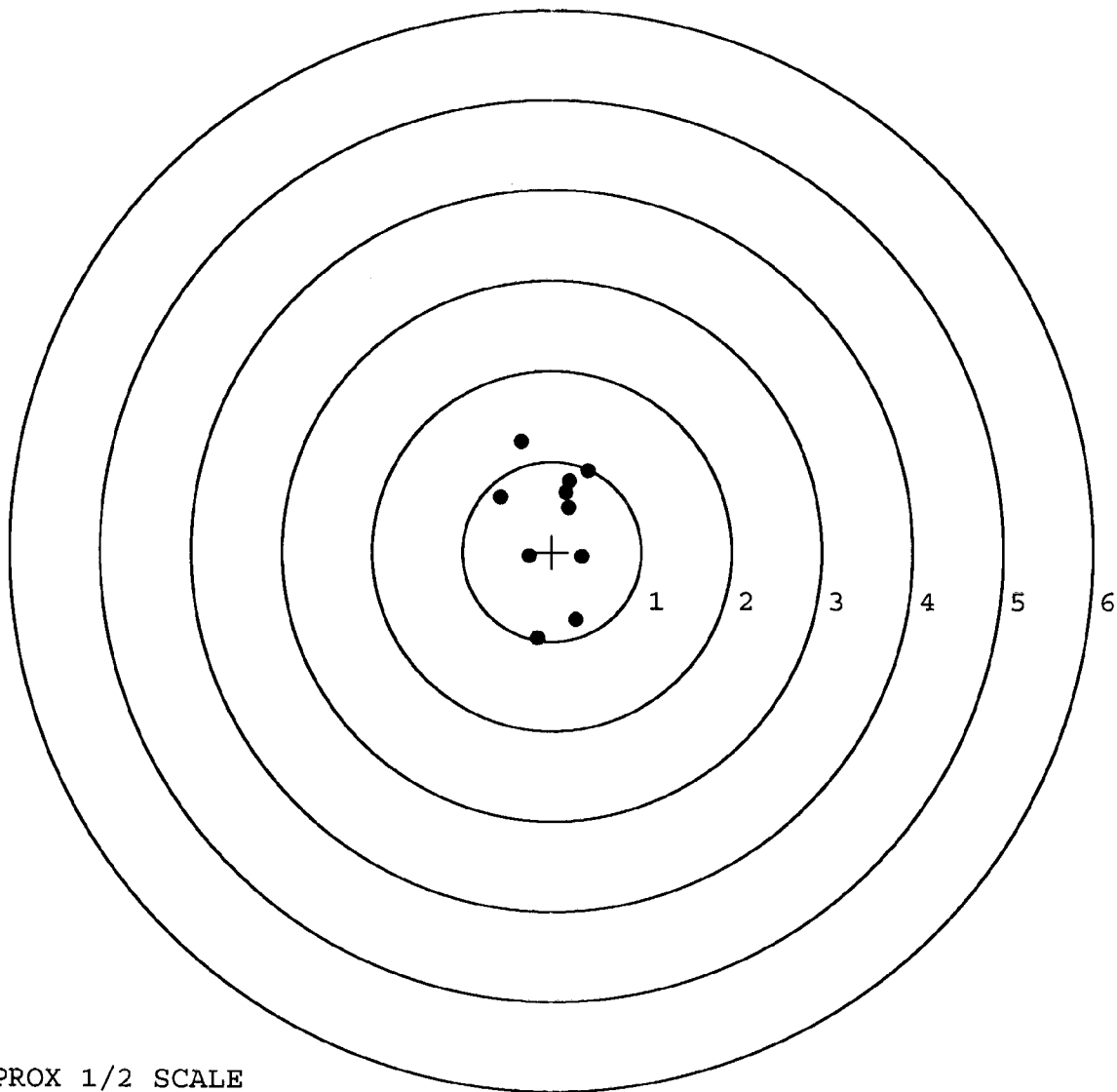
PATTERN #	:	4	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.996	1.029	.925
MINIMUM X	:	-.863	-.830	-.719
MAXIMUM Y	:	2.028	.623	.546
MINIMUM Y	:	-.868	-.643	-.720
CENTROID X	:	-.000	-.033	.071
CENTROID Y	:	.277	.052	.129
POA TO CENTROID in.	:	.277	.062	.147
MIN RADIUS	:	.398	.388	.368
MEAN RADIUS	:	.867	.712	.673
MAX RADIUS	:	2.049	1.147	1.020
HORIZONTAL SPREAD	:	1.859	1.859	1.644
VERTICAL SPREAD	:	2.896	1.266	1.266
EXTREME SPREAD	:	3.094	2.172	1.805
NUMBER IN ONE INCH CIRCLE =	:	4		
NUMBER IN TWO INCH CIRCLE =	:	6		
NUMBER IN THREE INCH CIRCLE =	:	9		

NUMBER IN ONE	INCH CIRCLE	=	0
NUMBER IN TWO	INCH CIRCLE	=	4
NUMBER IN THREE	INCH CIRCLE	=	9

SERIAL NUMBER: C6594629. 0
TARGET NUMBER: 4
FILE DATE: 02/11/2009
FILE TIME: 09:20

POINT#	X	Y
1:	-0.163	-0.970
2:	0.272	-0.765
3:	-0.574	0.601
4:	-0.353	1.219
5:	-0.258	-0.047
6:	0.337	-0.059
7:	0.405	0.894
8:	0.195	0.784
9:	0.160	0.658
10:	0.190	0.489

X CENTROID: 0.021
Y CENTROID: 0.280
POA TO CENTROID: 0.281
HORZ SPREAD: 0.979
VERT SPREAD: 2.189
GROUP SPREAD: 2.197
MIN RADIUS: 0.268
MAX RADIUS: 1.264
MEAN RADIUS: 0.685
IN 1 IN DIAMETER: 4
IN 2 IN DIAMETER: 7
in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE