

C6522136

MODEL 700™ M24

Model **SWS**™

Action

Barrel Length

Capacity

Order No. **5716**

* Includes 1 in chamber.

Remington

Remington[®]

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

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

MODEL 700TM M24

SERIAL NO.
C6522136

ORDER NO.
5716

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

01



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: RE00147450

Serial: C6522136 Model M24 SWS Center Fire
Caliber: 7.62 NATO

Repairman:

Verify Repair

Status:

Closed 7/9/2008 12:37:46 PM

Address Information

Customer:

☒ Received From

Return To:

☐ Received From

Name: 4/4 ID ATTN: POST ARMS ROOM

4/4 ID ATTN: POST ARMS ROOM

Address 1: POC: BARRY COCKER CENT RECEIVING POINT

POC: BARRY COCKER CENT RECEIVING POINT

Address 2: 4885 CHILES AVENUE

PO Box:

4885 CHILES AVENUE

PO Box:

City: FT CARSON

FT CARSON

State: CO

Zip Code: 80913

Country: US

State: CO

Zip Code: 80913

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
A007	With Stud	3
A008	With Swivel	2
A045	Bi Pod	1
D000	MARS RAIL	1

Repair Search

Refresh

Close

naglatj

7/9/2008

3:37 PM

CAPS

NUM

TIPS

SCRL



3:37 PM

Number: C6522136

Model: M24 SWS



RE00147450

NMP COPY 2

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

R & P NUMBER 147450
SERIAL NUMBER C6522136
LOG-IN DATE 7-9-08

OPERATION #	OPERATION NAME			DATE	INITIAL
500	DIS-ASSEMBLE GUN				
505	RE-BARREL				
560	ASSEMBLE				
600	XXXXXXXXXX	Clean + Snap 7-16-08 RTC			
605	CHECK HEADSPACE				
610	DIS-ASSEMBLE GUN				
612	MAGNAFLUX				
510	DRILL AND TAP				
615	ROLLMARK CALIBER				
618	ROTO-BLAST				
620	APPLY COATINGS				
625	FINAL ASSEMBLY				
640	FUNCTION TEST AND	PASS	FAIL	7-17-08	TRW
650	TARGET	PASS	FAIL	7-17-08	TRW
	MALFUNCTION	CORRECTION			
	MALFUNCTION	CORRECTION			
	MALFUNCTION	CORRECTION			
	MALFUNCTION	CORRECTION			
670	FINAL INSPECTION			7/18/08	MED
	A) HEADSPACE	PASS	FAIL	7/18/08	Fm
				7/18/08	Fm
	B) TRIGGER PULL	4-4.5 LBS MIN 2.50 LBS MAX 4.0 LBS			
680	F) SAFETY ON FORCE	2 LBS MIN 10 LBS MAX	4 4 5	7/18/08	Fm
	G) SAFETY OFF FORCE	2 LBS MAX	3.5 3.5 4	7/18/08	Fm
	I) FIRING PIN INDENT	.020	.022 .021 .022	7/18/08	Fm
690	PACK				

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: **RE00108321** Serial: C6522136 Model M24 SWS Center Fire Caliber: 7.62 NATO Repairman: Status: Closed 2/13/2006 2:28:09 PM

Verify Repair **High Priority**

Address Information

Customer: ☒ Received From Return To: ☐ Received From

Name: **B CO 2 BSB SHOP OFFICE** **B CO 2 BSB SHOP OFFICE**

Address 1: **2D BDE 21.D** **2D BDE 21.D**

Address 2: **PO Box:** **PO Box:**

City: **FORT CARSON** **FORT CARSON**

State: **CO** Zip Code: **80913** Country: **US** State: **CO** Zip Code: **80913** Country: **US**

FFL: ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐

Contact / Condition Problems Estimate History / Status Shipping / Billing

Contact Information

Phone: **719 524 5365**

Fax:

Email:

Comments:

Received Condition

Condition: **Fair**

Condition Notes:

CSR Notes:

Accessories Received

Code	Desc	Qty
A007	With Stud	3
A016	Scope Rings	2
A017	Scope Base	1
A026	Scope	1
A057	Fit and Rear Sgt Base	1

Repair Search **Refresh** **Close**

magletj 2/13/2006 3:18 PM CAPS NUM INS SERL

start Inbox - Mi... Arms Serv... 3 Intern... Part Searc... Microsoft... 3:18 PM

Serial Number: **C6522136**

Model: **M24 SWS**



RE00108321

MAINTENANCE REQUEST For use of this form, see DA PAM 750-8; the proponent agency is DCS, G-4.				PAGE NO	NO OF PAGES	REQUIREMENT CONTROL SYMBOL CSGLD-1047(R1)	
SECTION I - CUSTOMER DATA				SECTION II - MAINTENANCE ACTIVITY DATA			
1a. UIC CUSTOMER <i>WAFBAP</i>	1b. CUSTOMER UNIT NAME <i>Bco 2 BSB</i>	1c. PHONE NO <i>2175241939</i>	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	15a. FAILURE DETECTED DURING/WHEN DISCOVERED CODE (Enter code) See DA Pamphlets 738-750 and 738-751				
8. MODEL <i>m24</i>		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 <i>Rifle A2</i>					H R		
10a. ORG WON/DOC NO <i>WTF4XIBP</i>		10b. EIC					
11. SERIAL NUMBER <i>26522136</i>		12. QTY	13. PD	17. PROJECT CODE (if assigned)	18. ACCOUNT PROCESSING CODE	19. IN WARRANTY? (enter Y or N)	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 <i>Upgrade A2</i>							
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		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

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)

DATE 4-19-06

TESTER R.P.

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS		COMMENTS
PULL #1	2.60	2.59		2.46	
PULL #2	2.56	2.54		2.58	
PULL #3	2.62	2.51		2.56	
PULL #4	2.55	2.54		2.58	
PULL #5	2.48	2.56		2.54	
TOTAL	12.81	12.74		12.72	
AVERAGE	2.56	2.54		2.54	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	3.04	3.23		
PULL #2	3.18	3.06		
PULL #3	3.12	3.01		
PULL #4	3.16	3.10		
PULL #5	3.10	2.94		
TOTAL	15.60	15.34		
AVERAGE	3.12	3.06		

	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	4.14	4.25		4.12
PULL #2	4.08	4.22		4.06
PULL #3	4.14	4.22		4.04
PULL #4	4.08	4.13		4.04
PULL #5	4.07	4.24		4.01
TOTAL	20.51	21.06		20.27
AVERAGE	4.10	4.21		4.05

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6522136.___0
FILE DATE AND TIME: 04/24/2006 16:35

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.029
The Average Y Centroid of the Five Target Set:	-0.022
The Average Point of Impact of the Five Target Set:	0.036
The Average Mean Radius of the Five Target Set:	0.520
The Distance from POA to Centroid Target #1:	0.081
The Distance from Centroid Target #2 to Centroid Target #1:	0.067
The Distance from Centroid Target #3 to Centroid Target #1:	0.205
The Distance from Centroid Target #4 to Centroid Target #1:	0.208
The Distance from Centroid Target #5 to Centroid Target #1:	0.252

SERIAL NUMBER: C6522136. 0

TARGET NUMBER: 1

FILE DATE: 04/24/2006

FILE TIME: 16:35

POINT#	X	Y
1:	-0.437	0.770
2:	-0.008	0.597
3:	0.367	0.115
4:	0.479	-0.098
5:	0.334	-0.500
6:	0.297	-1.154
7:	-0.426	-0.982
8:	-0.450	0.078
9:	0.266	0.430
10:	0.119	0.137

X CENTROID: 0.054

Y CENTROID: -0.061

POA TO CENTROID: 0.081

HORZ SPREAD: 0.929

VERT SPREAD: 1.924

GROUP SPREAD: 2.059

MIN RADIUS: 0.208

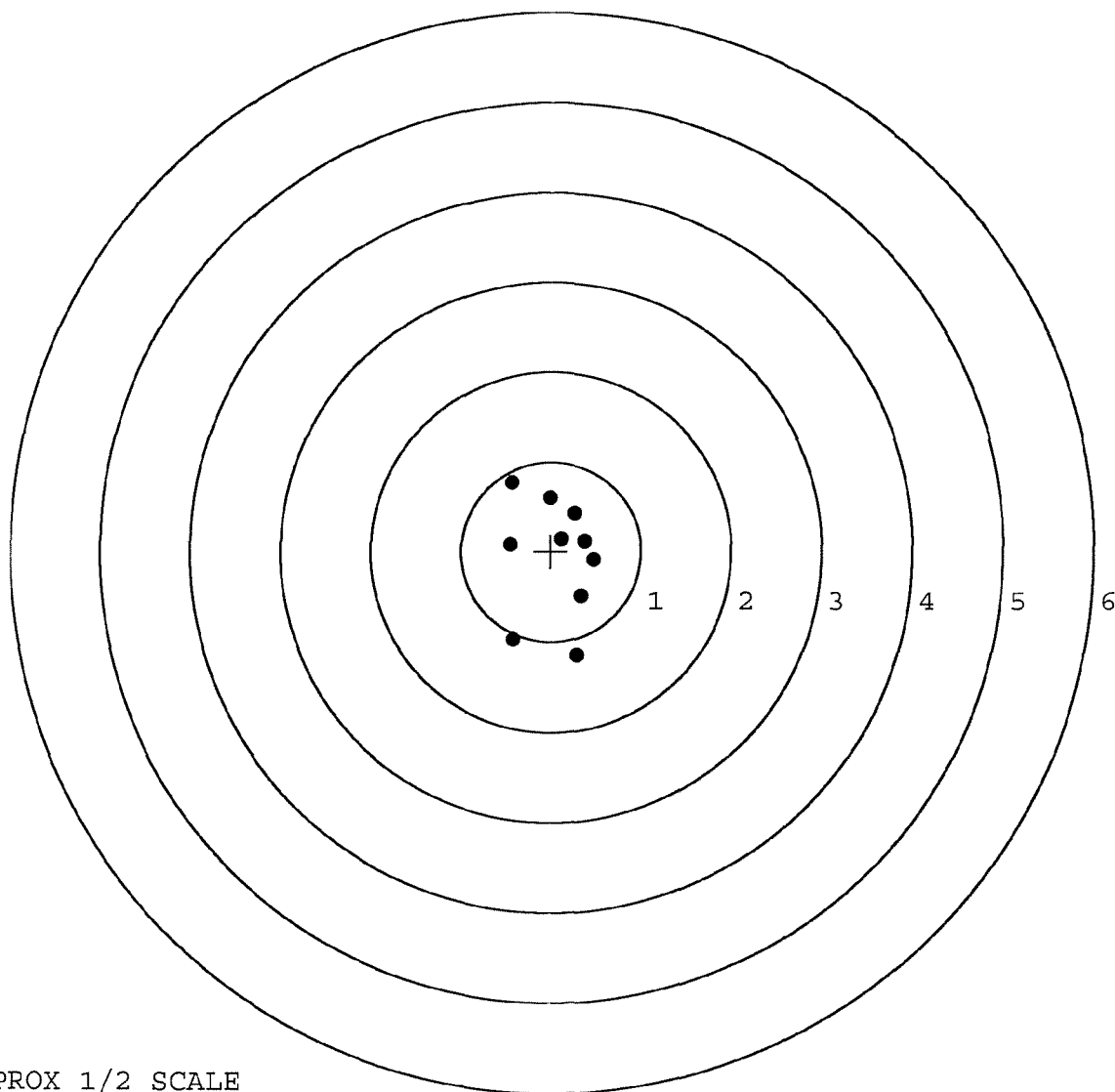
MAX RADIUS: 1.120

MEAN RADIUS: 0.636

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6522136. 0

TARGET NUMBER: 2

FILE DATE: 04/24/2006

FILE TIME: 16:35

POINT#	X	Y
1:	-0.305	0.421
2:	-0.032	0.459
3:	0.047	0.212
4:	0.309	0.185
5:	0.447	0.436
6:	0.217	-0.094
7:	0.287	-0.336
8:	0.227	-0.647
9:	-0.490	-0.097
10:	-0.830	-1.106

X CENTROID: -0.012

Y CENTROID: -0.057

POA TO CENTROID: 0.058

HORZ SPREAD: 1.277

VERT SPREAD: 1.565

GROUP SPREAD: 2.002

MIN RADIUS: 0.232

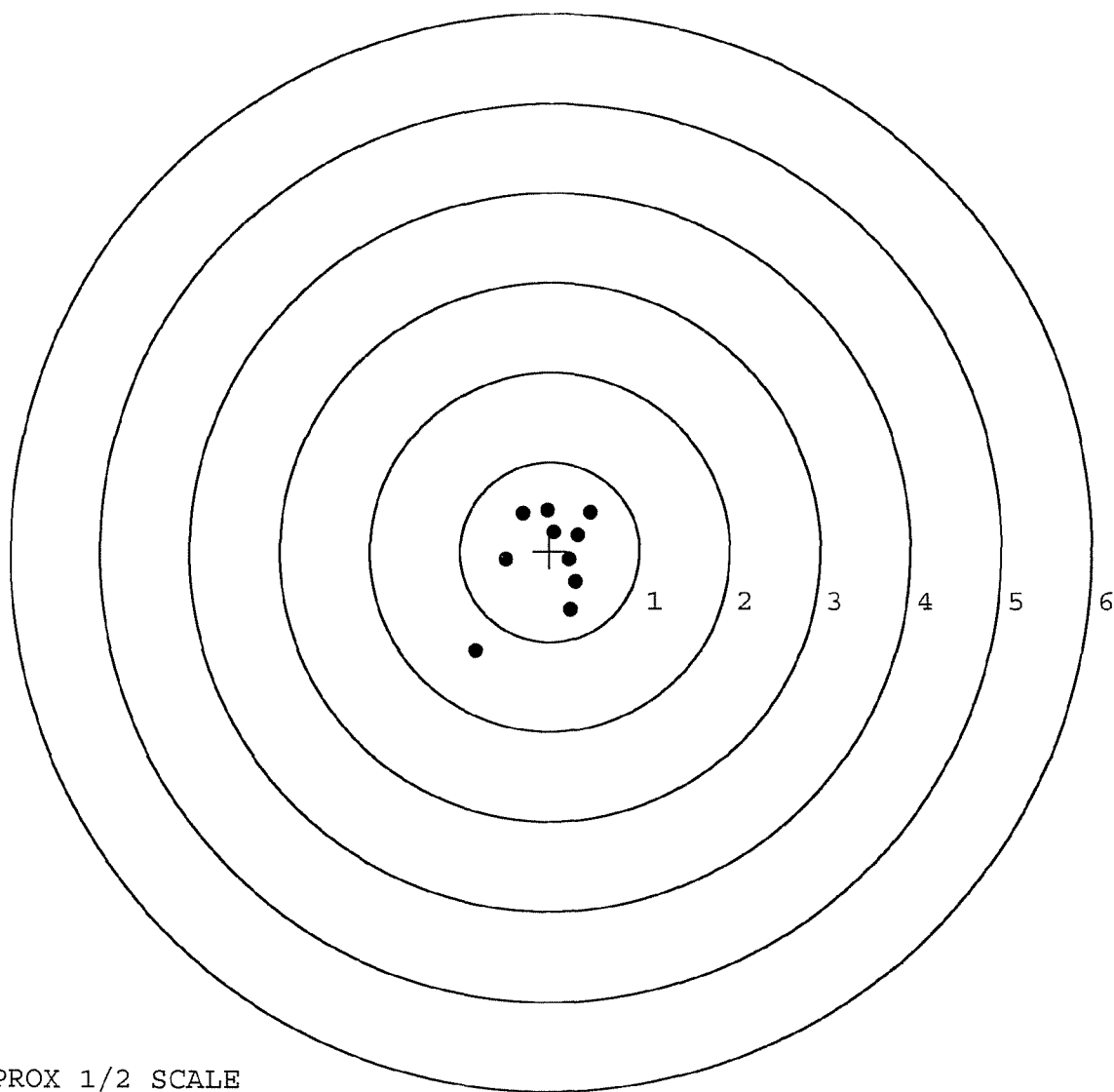
MAX RADIUS: 1.330

MEAN RADIUS: 0.552

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6522136. 0

TARGET NUMBER: 3

FILE DATE: 04/24/2006

FILE TIME: 16:35

POINT#	X	Y
1:	-0.334	0.350
2:	-0.104	0.027
3:	-0.083	0.349
4:	-0.001	-0.124
5:	0.161	-0.371
6:	0.410	-0.032
7:	0.735	-0.050
8:	0.356	0.130
9:	-0.006	0.251
10:	0.366	0.673

X CENTROID: 0.150

Y CENTROID: 0.120

POA TO CENTROID: 0.192

HORZ SPREAD: 1.069

VERT SPREAD: 1.044

GROUP SPREAD: 1.141

MIN RADIUS: 0.204

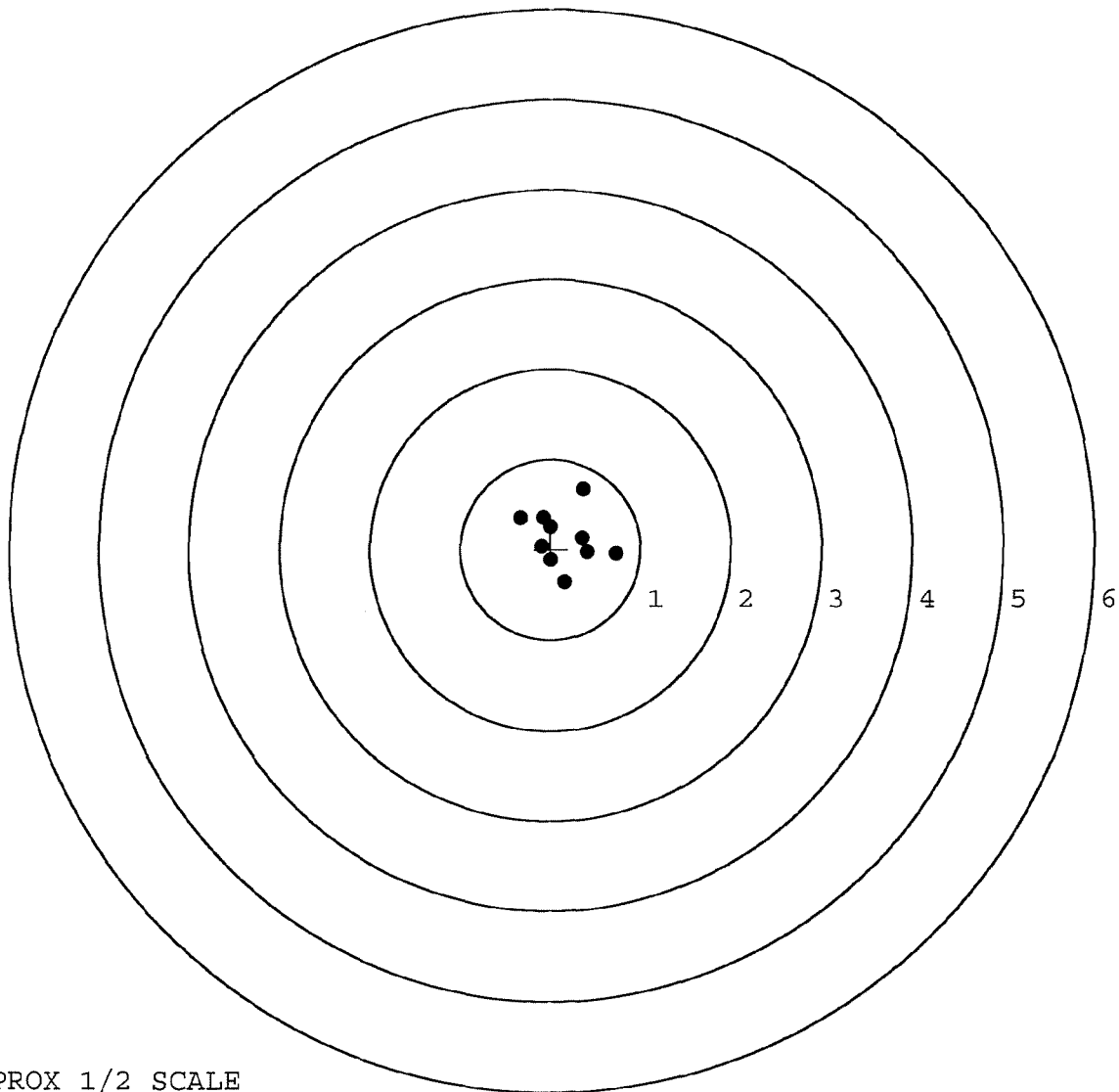
MAX RADIUS: 0.609

MEAN RADIUS: 0.383

IN 1 IN DIAMETER: 7

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10

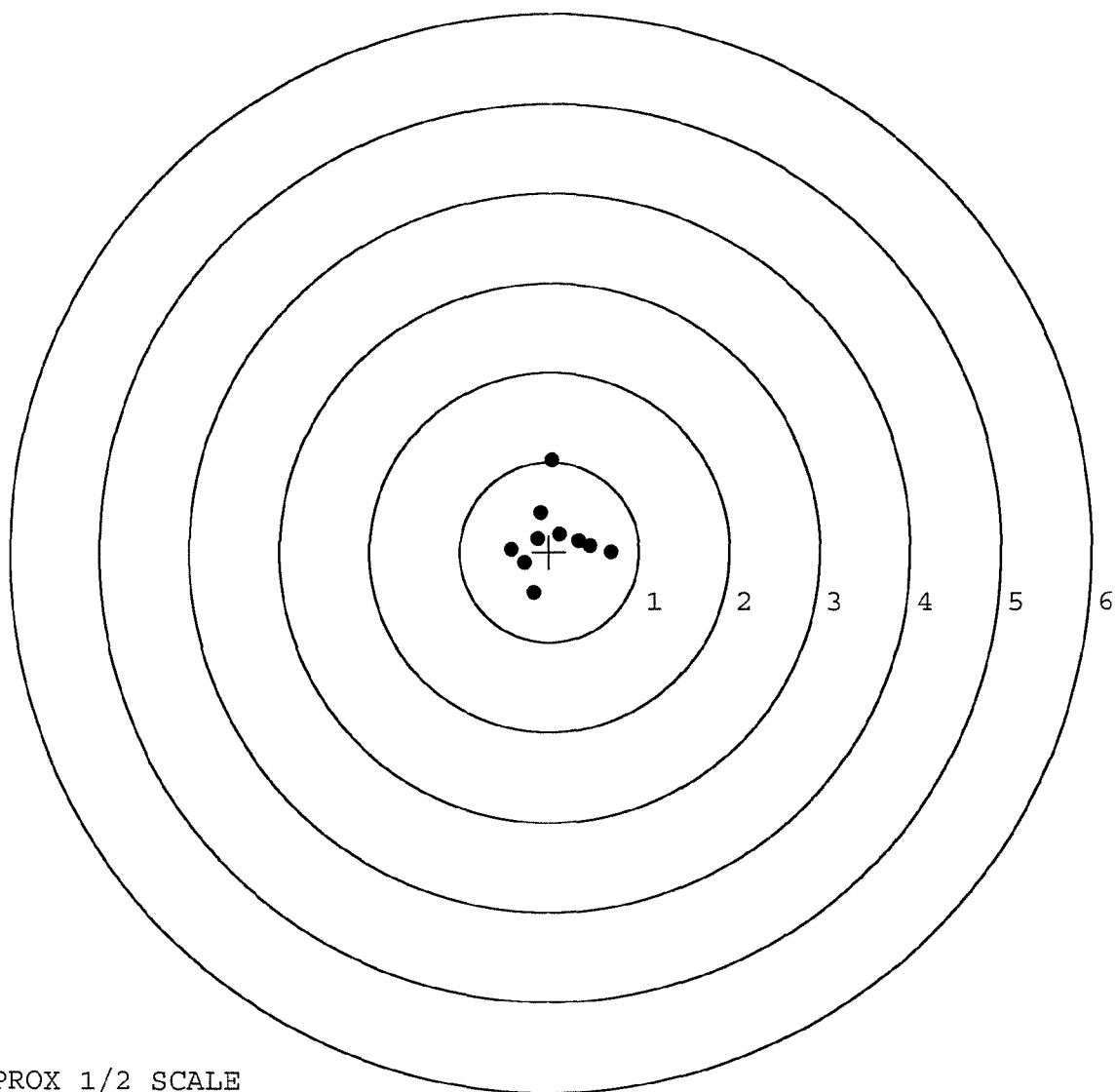


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6522136. __0
TARGET NUMBER: 4
FILE DATE: 04/24/2006
FILE TIME: 16:35

POINT#	X	Y
1:	0.027	1.019
2:	-0.105	0.436
3:	0.109	0.199
4:	0.333	0.129
5:	0.454	0.073
6:	0.693	0.003
7:	-0.179	-0.454
8:	-0.274	-0.122
9:	-0.424	0.033
10:	-0.136	0.152

X CENTROID: 0.050
Y CENTROID: 0.147
POA TO CENTROID: 0.155
HORZ SPREAD: 1.117
VERT SPREAD: 1.473
GROUP SPREAD: 1.487
MIN RADIUS: 0.079
MAX RADIUS: 0.872
MEAN RADIUS: 0.437
IN 1 IN DIAMETER: 7
IN 2 IN DIAMETER: 10
in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6522136. 0

TARGET NUMBER: 5

FILE DATE: 04/24/2006

FILE TIME: 16:35

POINT#	X	Y
--------	---	---

1:	0.034	0.443
----	-------	-------

2:	-0.396	0.211
----	--------	-------

3:	-0.627	0.100
----	--------	-------

4:	-0.634	-0.148
----	--------	--------

5:	-0.277	-0.216
----	--------	--------

6:	-0.256	-0.464
----	--------	--------

7:	0.135	-0.246
----	-------	--------

8:	0.698	-0.194
----	-------	--------

9:	0.695	-0.893
----	-------	--------

10:	-0.347	-1.209
-----	--------	--------

X CENTROID: -0.097

Y CENTROID: -0.262

POA TO CENTROID: 0.279

HORZ SPREAD: 1.332

VERT SPREAD: 1.652

GROUP SPREAD: 1.653

MIN RADIUS: 0.185

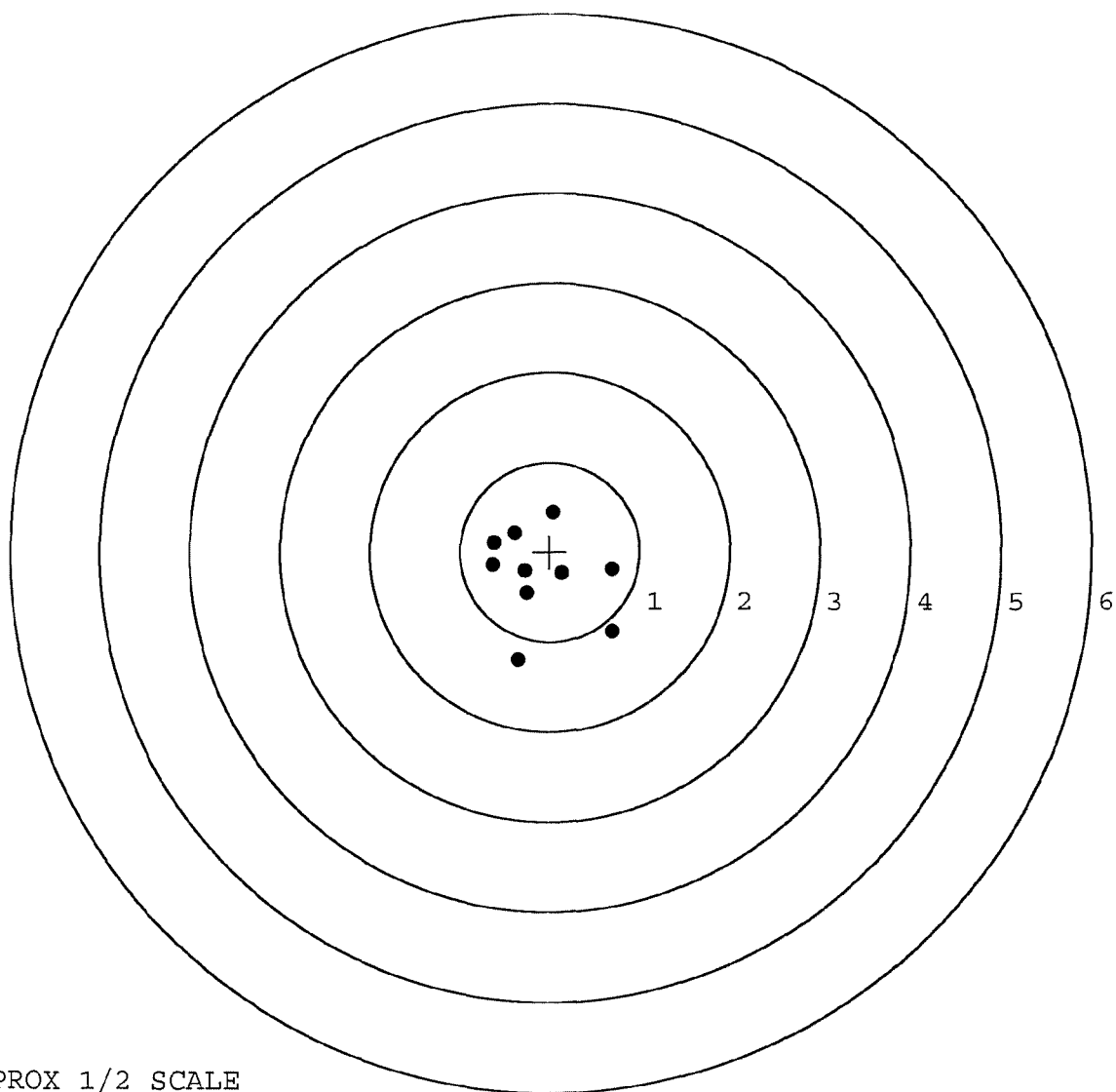
MAX RADIUS: 1.013

MEAN RADIUS: 0.593

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

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

5048

R & E NUMBER	108321			
SERIAL NUMBER	06522136			
LOG-IN DATE	2-13-06			
OPERATION #	OPERATION NAME	DATE	INITIAL	
500	DIS-ASSEMBLE GUN	3-15-06	RTZ	
505	RE-BARREL	4-13-06	RTZ	
560	ASSEMBLE	4-17-06	RTZ	
600	PROOF MAGNA-FLUX	4-19-06	RTZ	
605	CHECK HEADSPACE	4-19-06	RTZ	
610	DIS-ASSEMBLE GUN	4-19-06	RTZ	
612	MAGNAFLUX	4-20-06	APD	
510	DRILL AND TAP	4-20-06	CW	
615	ROLLMARK CALIBER	4-20-06	LB	
618	ROTO-BLAST	4-21-06	H	
620	APPLY COATINGS			
625	FINAL ASSEMBLY	4-24-06	RTZ	
640	FUNCTION TEST AND	PASS	FAIL	
650	TARGET	PASS	FAIL	4-24-06 L.P.D.
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
670	FINAL INSPECTION	4-26-06	RTZ	
	A) HEADSPACE	PASS	FAIL	4-26-06 RTZ
	B) TRIGGER PULL	+/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS 2.4 2.5 2.4 2.4 2.5 4-25-06 TRW		
680	F) SAFETY ON FORCE	2 LBS MIN 10 LBS 7.5 8.0 7.5 4-25-06 TRW		
	G) SAFETY OFF FORCE	2 LBS MIN 2.75 3.0 3.0 4-25-06 TRW		
	I) FIRING PIN INDENT	.020 .023 .022 .021 ^S 4-25-06 TRW		
690	PACK	4-26-06 RTZ		

C42 TEC

M-24

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C 6522136

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		8-21-90	DB
600	Proof		8-21-90	DB
607	Check Headspace		8-21-90	DB
610	Dis-assemble Gun		8-21-90	DB
612	Magnaflux Barrel Action	NEW BBL 8/18/90	8/23/90	KCR
	Magnaflux Bolt		8/23/90	KCR
615	Rollmark Caliber		8/23/90	GS.
617	Drill and Tap Sight Holes		8/23/90	LB
618	Polish Barrel RB		8/23/90	WB
620	Apply Coatings (Barrel Action)		8-23-90	1/2
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		8/31/90	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		8/31/90	RW
	C) Inspect Ejector Hole for Chamfer		8/31/90	RW
	D) Oil Firing Pin Ass'y		8/31/90	RW
	E) Adjust Trigger Pull to Min Setting and Stake		9/1/90	WB

op. #	OP. NAME	READINGS					DATE	INIT
635 nt.	F) Safety On Force	4	4	4			9/14/90	WB
	G) Safety Off Force	2	2	2			9/14/90	WB
	H) Trigger Pull Test & Retainability						9/14/90	WB
	I) Firing Pin Indent	.0235	.0235	.0235			9/14/90	WB
	J) Assemble Stock						9/15/90	RW
	K) Assemble Swivel Studs						9/17/90	JS
	L) Attach Front and Rear Sight Assemblies						9/15/90	RW
	M) Iron Sight Alignment						9/15/90	RW
	N) Detach Front & Rear Sights & place in numbered container						9/15/90	RW
	O) Attach Scope to Rifle						9/15/90	RW
	P) Detach & Attach Scope 20 Times						9/15/90	RW
640	Gallery Target & Test						9/16/90	VF
	A) Time						"	VF
	B) Malfunctions						"	VF
	C) Pierced Primers						"	VF
	D) Optical Clarity of Scope						"	VF
645	Inspect for Live Ammo						9/16/90	VF
655	Final Inspection							
	A) Headspace						9/17/90	JS
	B) Trigger Pull	2-10	2-12	2-12	2-12	2-14	9-17-90	JS
	C) Function						9/17/90	JS
660	Pack						9-19-90	DM

SWS TRIGGER PULL TEST

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

SERIAL NO. C6527136
DATE 9/14/90
TESTER WGB

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.38	2.25	2.50	2.10	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.34	2.48	2.38	2.12	
PULL #3	2.30	2.41	2.31	2.12	
PULL #4	2.29	2.42	2.23	2.12	
PULL #5	2.35	2.52	2.17	2.14	
TOTAL	11.66	12.08	11.59	10.60	
AVG.	2.33	2.41	2.32	2.12	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.05	3.31		
PULL #2	3.08	3.35		
PULL #3	3.10	3.39		
PULL #4	3.08	3.34		
PULL #5	3.16	3.40		
TOTAL	15.47	16.79		
AVG.	3.09	3.36		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.07	4.09		4.00
PULL #2	3.95	4.20		3.90
PULL #3	4.03	3.95		3.95
PULL #4	4.20	4.18		4.05
PULL #5	4.25	4.15		4.02
TOTAL	20.50	20.57		19.92
AVG.	4.10	4.11		3.98

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06522136
16 Sep 1990

CENTROIDAL DISTANCES

0 TO 1	.254566
1 TO 2	.296331
1 TO 3	.265
1 TO 4	.417005
1 TO 5	.234361

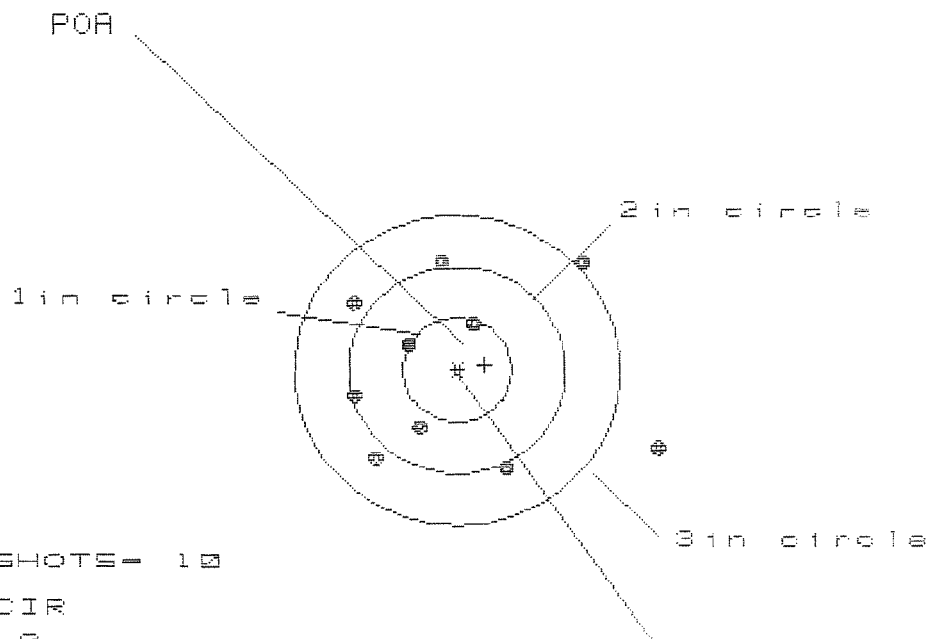
$\frac{4}{13}$ <----POB

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.1044
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.057
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .118947
THE AMR FOR THIS RIFLE IS: .8472

16 Sep 1998

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CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1 in = 0

2 in = 3

3 in = 8

HS= 2.835

VS= 2.001

ES= 3.135

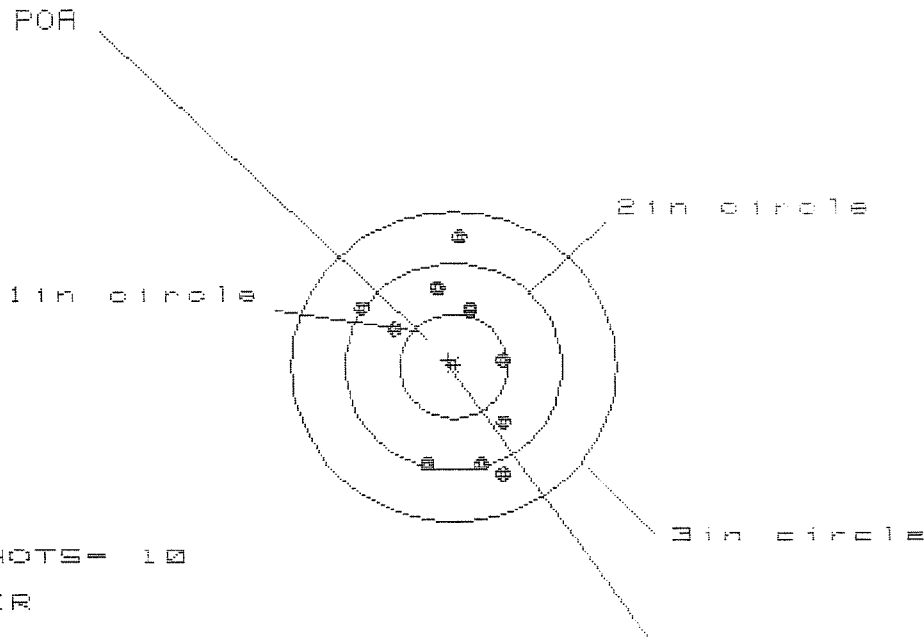
CENTROID #

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.855	1.324	.771
MINIMUM X	-.988	-.774	-.609
MAXIMUM Y	1.052	.968	1.044
MINIMUM Y	-.949	-1.033	-.912
CENTROID X	-.250	-.456	-.621
CENTROID Y	-.048	.036	-.085
POA TO CENTROID in.	.254	.457	.627
MIN RADIUS	.526	.310	.307
MEAN RADIUS	1.056	.905	.787
MAX RADIUS	2.001	1.640	1.194
HORIZONTAL SPREAD	2.835	2.098	1.380
VERTICAL SPREAD	2.001	2.001	1.956
EXTREME SPREAD	3.135	2.667	2.075
NUMBER IN ONE INCH CIRCLE =		0	
NUMBER IN TWO INCH CIRCLE =		3	
NUMBER IN THREE INCH CIRCLE =		8	

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CENTERFIRE PATTERNS # 2



OF SHOTS= 10

IN CIR

1in = 1

2in = 6

3in = 10

HS= 1.327

VS= 2.315

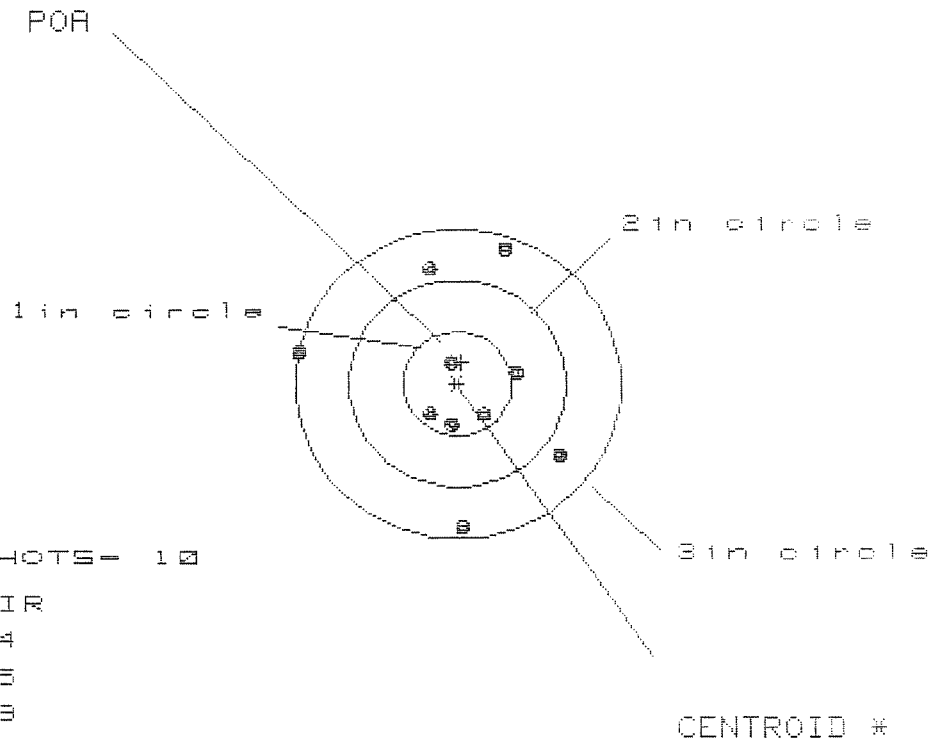
GS= 2.337

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.468	.479	.533
MINIMUM X	:	-.859	-.848	-.794
MAXIMUM Y	:	1.260	.935	.821
MINIMUM Y	:	-1.055	-.915	-.947
CENTROID X	:	.046	.035	-.019
CENTROID Y	:	-.062	-.202	-.088
POA TO CENTROID in.	:	.078	.205	.090
MIN RADIUS	:	.471	.518	.540
MEAN RADIUS	:	.861	.814	.780
MAX RADIUS	:	1.264	1.086	.992
HORIZONTAL SPREAD	:	1.327	1.327	1.327
VERTICAL SPREAD	:	2.315	1.850	1.768
EXTREME SPREAD	:	2.337	2.044	1.863
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		10	

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CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1in = 4

2in = 5

3in = 8

HS= 2.356

VS= 2.699

GS= 2.720

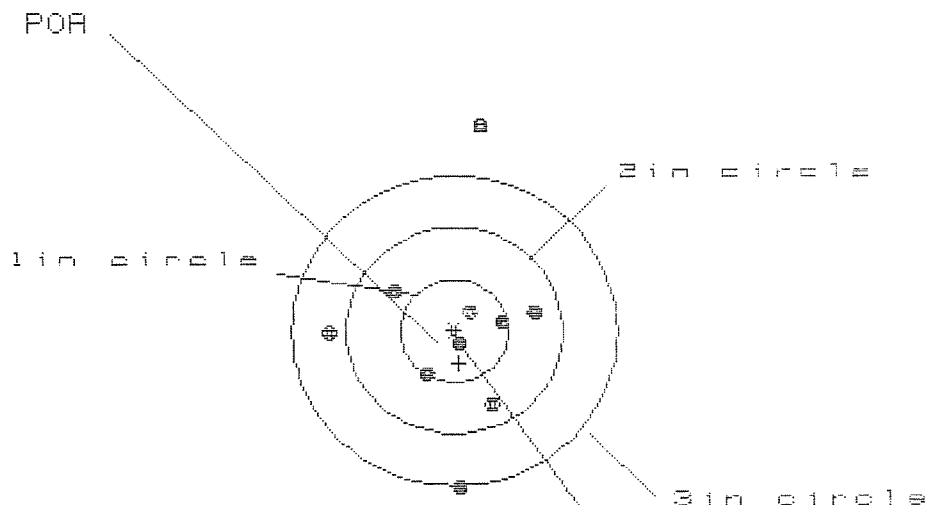
PATTERN #	3	3	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.892	.730	.719
MINIMUM X	-1.464	-.432	-.443
MAXIMUM Y	1.277	1.316	1.143
MINIMUM Y	-1.422	-1.383	-.793
CENTROID X	-.038	.124	.135
CENTROID Y	-.207	-.246	-.073
POA TO CENTROID in.	.211	.275	.153
MIN RADIUS	.244	.290	.284
MEAN RADIUS	.838	.753	.689
MAX RADIUS	1.504	1.386	1.169
HORIZONTAL SPREAD	2.356	1.162	1.162
VERTICAL SPREAD	2.699	2.699	1.936
EXTREME SPREAD	2.720	2.720	2.187
NUMBER IN ONE INCH CIRCLE =	4		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	9		

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CENTERFIRE PATTERNS

4



OF SHOTS = 10

IN CIR

1 in = 4

2 in = 7

3 in = 8

HS = 1.815

VS = 3.520

GS = 3.531

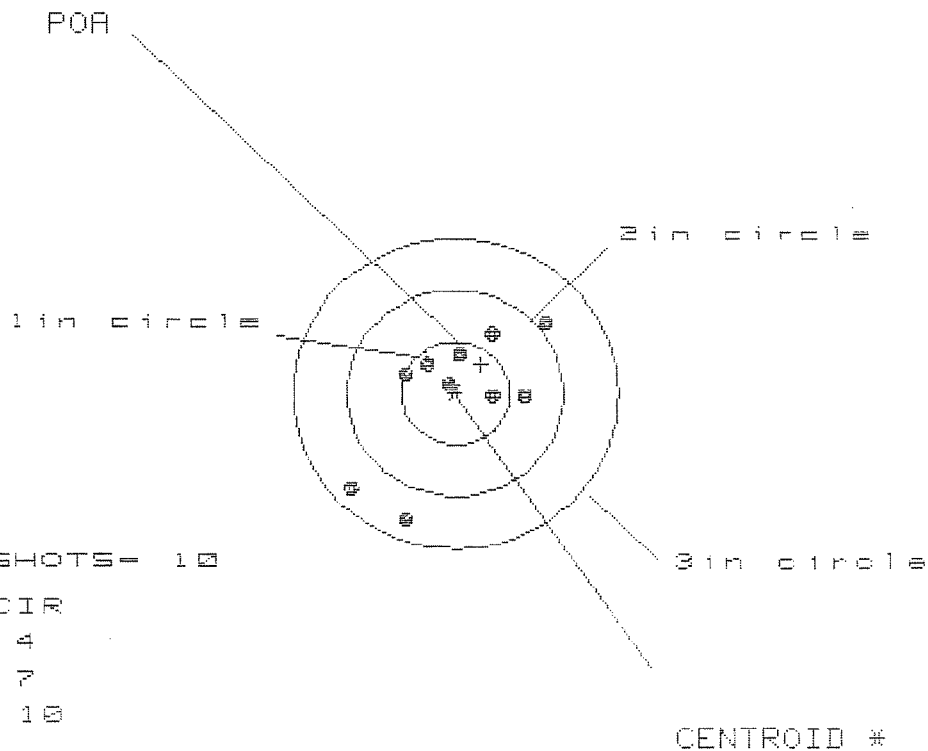
CENTROID *

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.704	.736	.741
MINIMUM X	:	-1.111	-1.079	-1.074
MAXIMUM Y	:	1.996	.596	.433
MINIMUM Y	:	-1.524	-1.303	-.697
CENTROID X	:	-.043	-.075	-.080
CENTROID Y	:	.314	.093	.256
POA TO CENTROID in.	:	.317	.119	.268
MIN RADIUS	:	.138	.114	.105
MEAN RADIUS	:	.807	.668	.567
MAX RADIUS	:	2.017	1.303	1.076
HORIZONTAL SPREAD	:	1.815	1.815	1.815
VERTICAL SPREAD	:	3.520	1.899	1.130
EXTREME SPREAD	:	3.531	1.971	1.821
NUMBER IN ONE INCH CIRCLE	=		4	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		8	

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CENTERFIRE PATTERNS # 5



OF SHOTS = 10

IN CIR

1 in = 4

2 in = 7

3 in = 10

HS = 1.817

VS = 1.824

GS = 2.381

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.849	.742	.668
MINIMUM X	:	-.968	-.608	-.682
MAXIMUM Y	:	.647	.548	.388
MINIMUM Y	:	-1.177	-1.276	-.312
CENTROID X	:	-.237	-.130	-.056
CENTROID Y	:	-.282	-.183	-.023
POA TO CENTROID in.	:	.368	.224	.060
MIN RADIUS	:	.116	.211	.133
MEAN RADIUS	:	.674	.577	.454
MAX RADIUS	:	1.316	1.407	.772
HORIZONTAL SPREAD	:	1.817	1.350	1.350
VERTICAL SPREAD	:	1.824	1.824	.700
EXTREME SPREAD	:	2.381	2.259	1.421
NUMBER IN ONE INCH CIRCLE	=		4	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		10	