

G-6360871

Replaced

C. 6225251

Repair Inquiry

Repair Number: RE00127546

Serial: G6360871 Model M24 SWS Center Fire

Repairman:

Verify Repair

Status:

New 4/3/2007 6:51:06 AM

Address Information

Customer:

Received From

Return To:

Received From

Name: DEPARTMENT OF THE ARMY - H H C

DEPARTMENT OF THE ARMY - H H C

Address 1: 1ST BATTALION, 187TH INFANTRY REGIMENT

1ST BATTALION, 187TH INFANTRY REGIMENT

Address 2: 101ST AIRBORNE DIVISION PO Box:

101ST AIRBORNE DIVISION PO Box:

City: FORT CAMPBELL

FORT CAMPBELL

State: KY

Zip Code: 42223

Country: US

State: KY

Zip Code: 42223

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
A007	With Stud	3
A010	Hard Case	1
A057	Fit and Rear Sgt Base	1

Repair Search

Refresh

Close

nagletj

4/3/2007

7:25 AM

CAPS

NUM

INS

SCRL

Serial Number:

G6360871

Model: M24 SWS



RE00127546



DEPARTMENT OF THE ARMY
HEADQUARTERS AND HEADQUARTERS COMPANY
1ST BATTALION, 187TH INFANTRY REGIMENT
101ST AIRBORNE DIVISION (AIR ASSAULT)
FORT CAMPBELL, KENTUCKY 42223-5000



AFZB-KC-G

20 MARCH 2007

MEMORANDUM FOR REMINGTON ARMS CO., INC (ATTN: PRODUCT SERVICES)

SUBJECT: M24 RIFLE RESET/REBUILD

Due to inspection of our weapon systems the following problems were identified.

1. Weapon serial number G6360884
 - A. needs new barrel (worn, overshot)
 - B. needs new bolt
 - C. needs work on safety (has to much play)
2. Weapon serial number G6360871
 - A. needs new barrel (worn, overshot)
 - B. needs new bolt
 - C. needs work on safety (has to much play)
 - D. trigger weight needs adjustment
3. Weapon serial number G6360975
 - A. needs new barrel (worn, overshot)
 - B. needs new bolt
 - C. needs work on safety (has to much play)
 - D. trigger weight needs adjustment

We apologize for the inconvenience of these weapon systems being sent to you at this time. We would like to have had these deficiencies identified earlier to give us and you more time to conduct repairs. However, **due to our recent deployment schedule we will be deploying very soon** and will need the use of these systems in Iraq. Could you please front load our M24's to the front of the line to ensure we get them back in a timely manner? If we can get them back by the end of May, it would be greatly appreciated. If you have any questions, please don't hesitate to call.

SINCERLY,
CHARLES B LINGLE
1LT, IN
Executive Officer
(270) 956-1010/1009
(931) 217-5792

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

COLUMN a - Enter TM item number.	COLUMN d - Show corrective action for deficiency or shortcoming listed in Column c.
COLUMN b - Enter the applicable condition status symbol.	COLUMN e - Individual ascertaining completed corrective action initial in this column.
COLUMN c - Enter deficiencies and shortcomings.	

"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.

FOR AIRCRAFT - Status symbols will be recorded in red.

[illegible]

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6360871.___0
FILE DATE AND TIME: 05/09/2007 05:35

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.028
The Average Y Centroid of the Five Target Set:	-0.082
The Average Point of Impact of the Five Target Set:	0.086
The Average Mean Radius of the Five Target Set:	1.011
The Distance from POA to Centroid Target #1:	0.372
The Distance from Centroid Target #2 to Centroid Target #1:	0.468
The Distance from Centroid Target #3 to Centroid Target #1:	0.568
The Distance from Centroid Target #4 to Centroid Target #1:	0.387
The Distance from Centroid Target #5 to Centroid Target #1:	0.729

SERIAL NUMBER: G6360871. __0

TARGET NUMBER: 1

FILE DATE: 05/09/2007

FILE TIME: 05:35

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

1:	-0.030	2.278
----	--------	-------

2:	0.111	1.176
----	-------	-------

3:	-1.315	1.381
----	--------	-------

4:	0.766	0.701
----	-------	-------

5:	0.409	0.422
----	-------	-------

6:	0.785	-0.073
----	-------	--------

7:	-0.277	-0.463
----	--------	--------

8:	-0.442	-0.732
----	--------	--------

9:	-0.866	-0.961
----	--------	--------

10:	-1.433	-0.794
-----	--------	--------

X CENTROID: -0.229

Y CENTROID: 0.294

POA TO CENTROID: 0.372

HORZ SPREAD: 2.218

VERT SPREAD: 3.239

GROUP SPREAD: 3.377

MIN RADIUS: 0.651

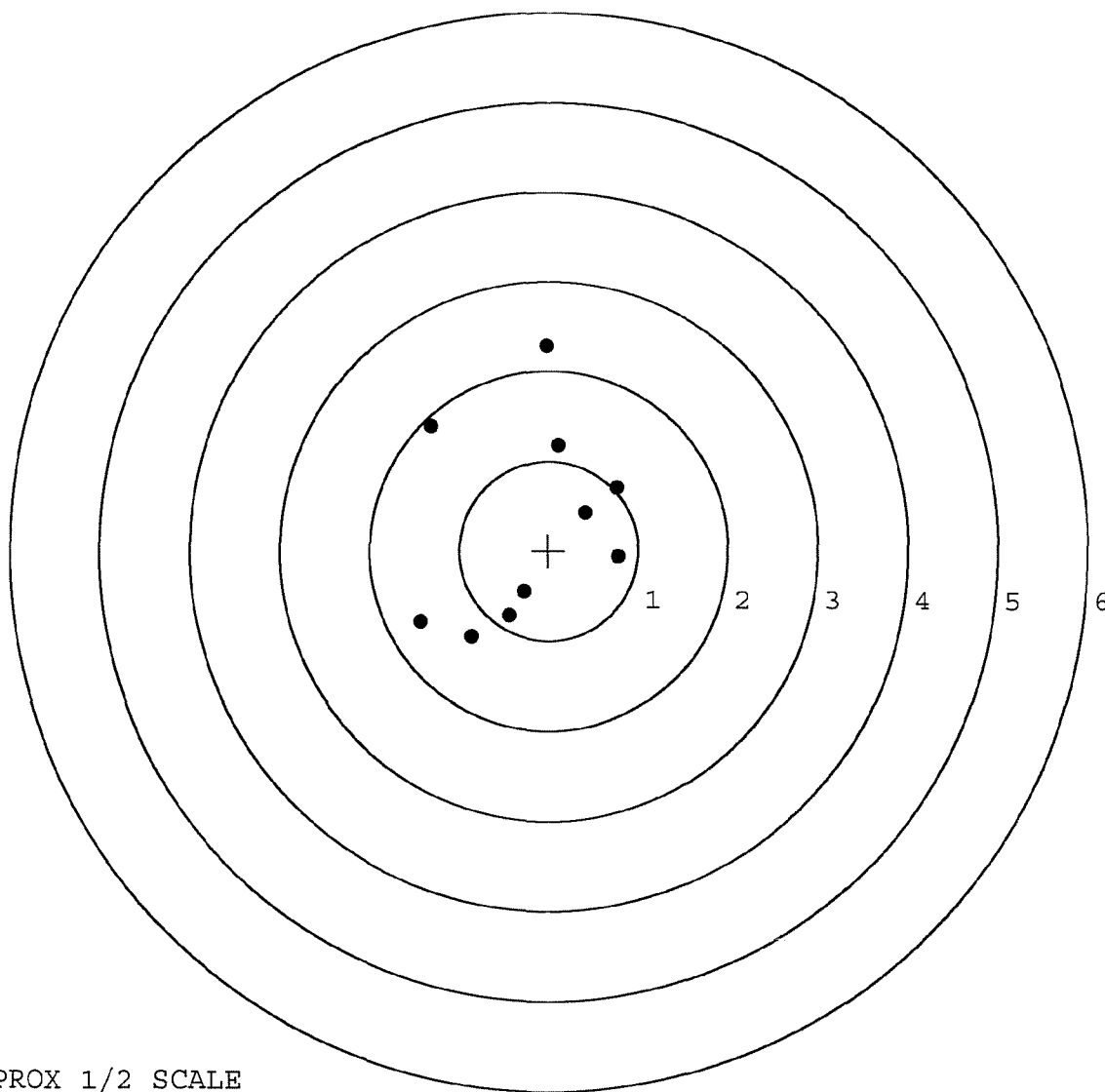
MAX RADIUS: 1.994

MEAN RADIUS: 1.212

IN 1 IN DIAMETER: 0

IN 2 IN DIAMETER: 3

in 3 IN DIAMETER: 7



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6360871. __ 0

TARGET NUMBER: 2

FILE DATE: 05/09/2007

FILE TIME: 05:35

POINT#	X	Y
1:	1.434	-0.824
2:	0.498	-1.213
3:	-0.026	-0.656
4:	0.727	-0.036
5:	-0.011	0.582
6:	-0.257	0.231
7:	-0.340	1.262
8:	-0.577	-0.196
9:	-0.848	-0.482
10:	-1.118	-0.068

X CENTROID: -0.052

Y CENTROID: -0.140

POA TO CENTROID: 0.149

HORZ SPREAD: 2.552

VERT SPREAD: 2.475

GROUP SPREAD: 2.738

MIN RADIUS: 0.424

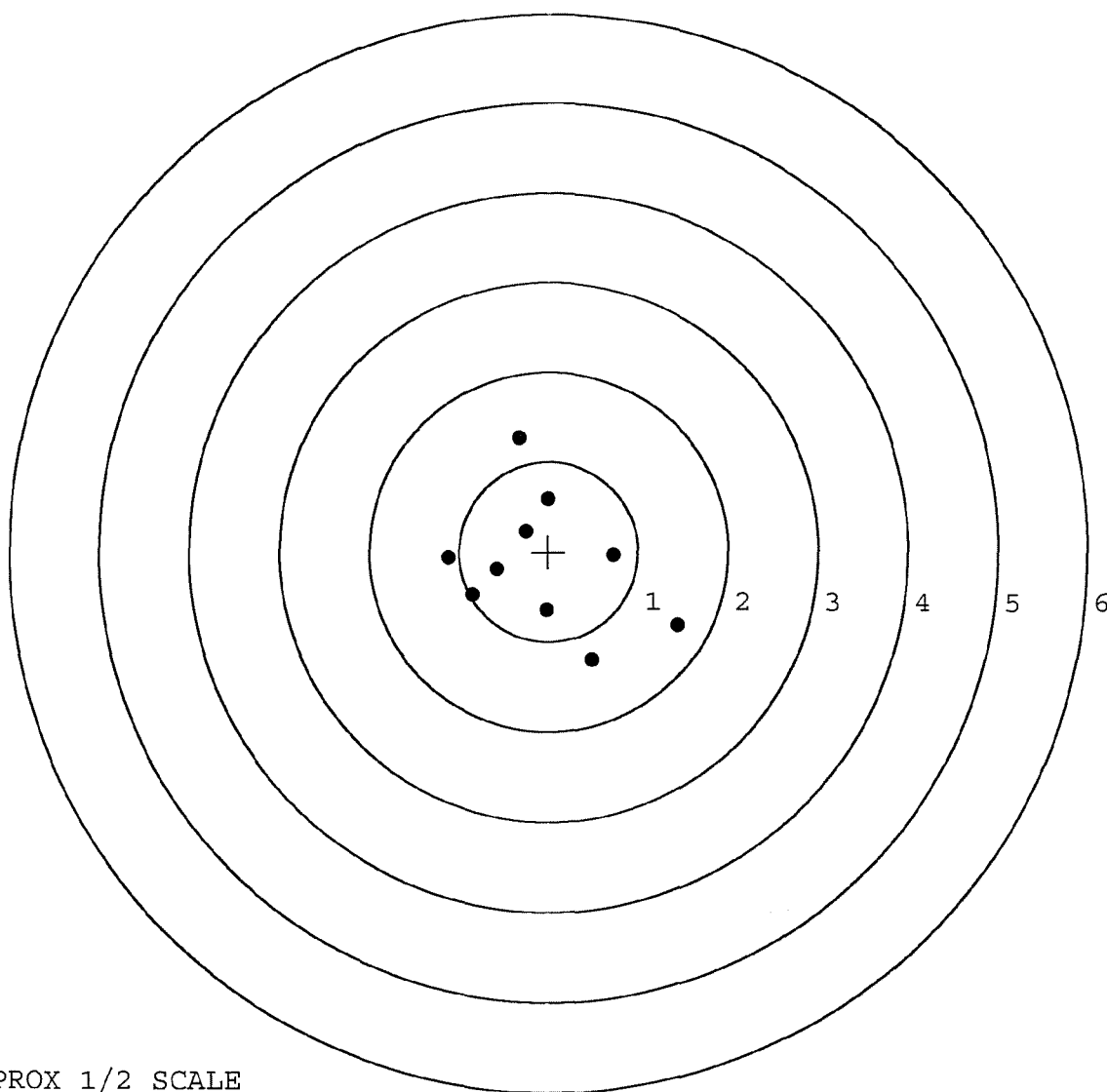
MAX RADIUS: 1.636

MEAN RADIUS: 0.919

IN 1 IN DIAMETER: 1

IN 2 IN DIAMETER: 6

in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6360871. __ 0

TARGET NUMBER: 3

FILE DATE: 05/09/2007

FILE TIME: 05:35

POINT#	X	Y
1:	1.660	-1.206
2:	1.082	0.404
3:	0.824	0.065
4:	0.358	0.049
5:	0.029	-0.163
6:	0.044	-0.579
7:	-0.348	-0.905
8:	-1.161	-0.358
9:	-1.091	0.277
10:	-0.079	0.970

X CENTROID: 0.132

Y CENTROID: -0.145

POA TO CENTROID: 0.196

HORZ SPREAD: 2.821

VERT SPREAD: 2.176

GROUP SPREAD: 3.125

MIN RADIUS: 0.104

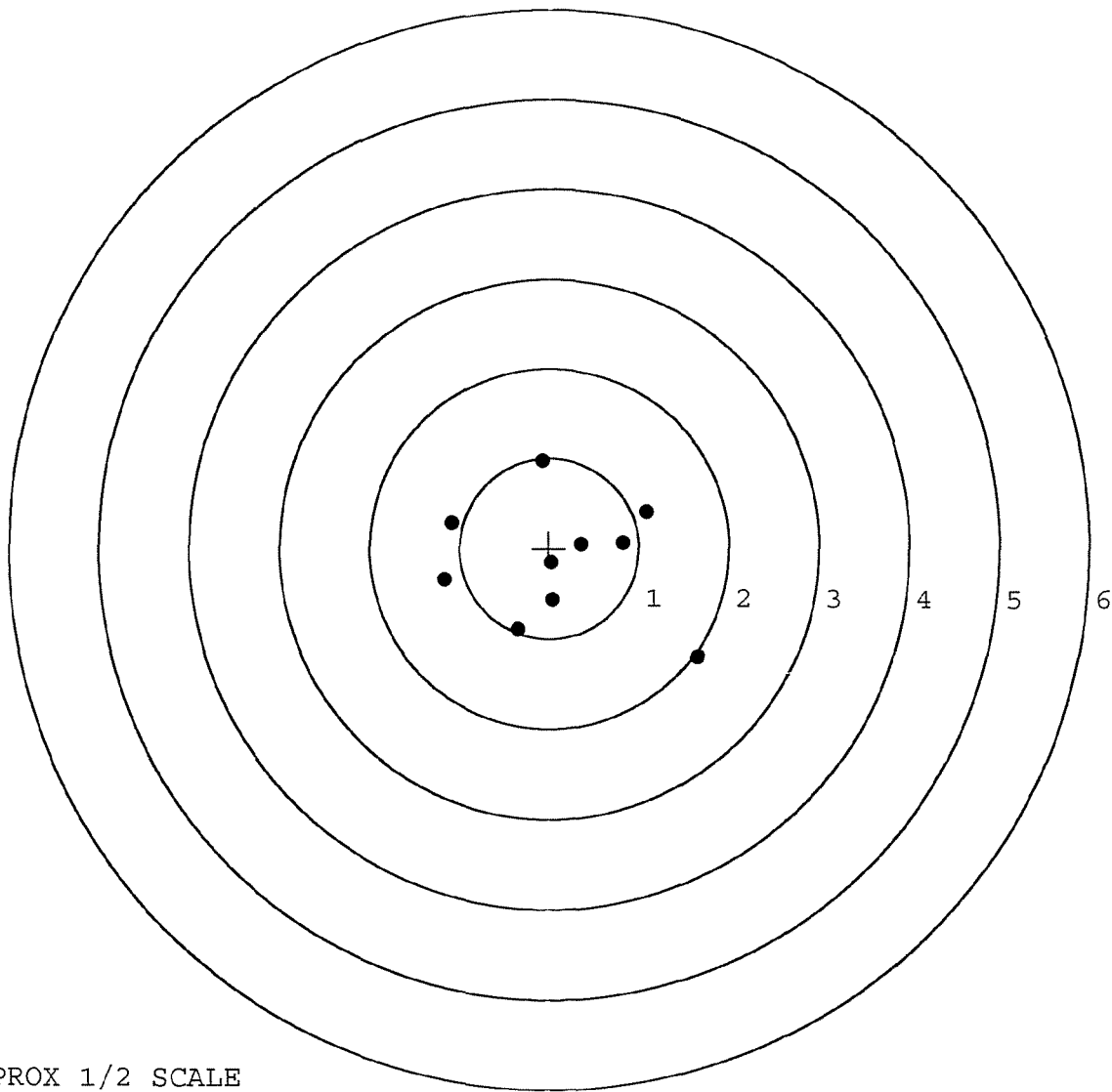
MAX RADIUS: 1.861

MEAN RADIUS: 0.916

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 5

in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6360871. __ 0

TARGET NUMBER: 4

FILE DATE: 05/09/2007

FILE TIME: 05:35

POINT#	X	Y
1:	0.859	-1.405
2:	0.624	-0.849
3:	-0.420	-1.430
4:	-0.064	-0.732
5:	0.147	-0.380
6:	0.026	0.958
7:	-0.189	0.880
8:	-0.481	0.825
9:	-0.557	0.462
10:	-1.275	0.862

X CENTROID: -0.133

Y CENTROID: -0.081

POA TO CENTROID: 0.156

HORZ SPREAD: 2.134

VERT SPREAD: 2.388

GROUP SPREAD: 3.113

MIN RADIUS: 0.410

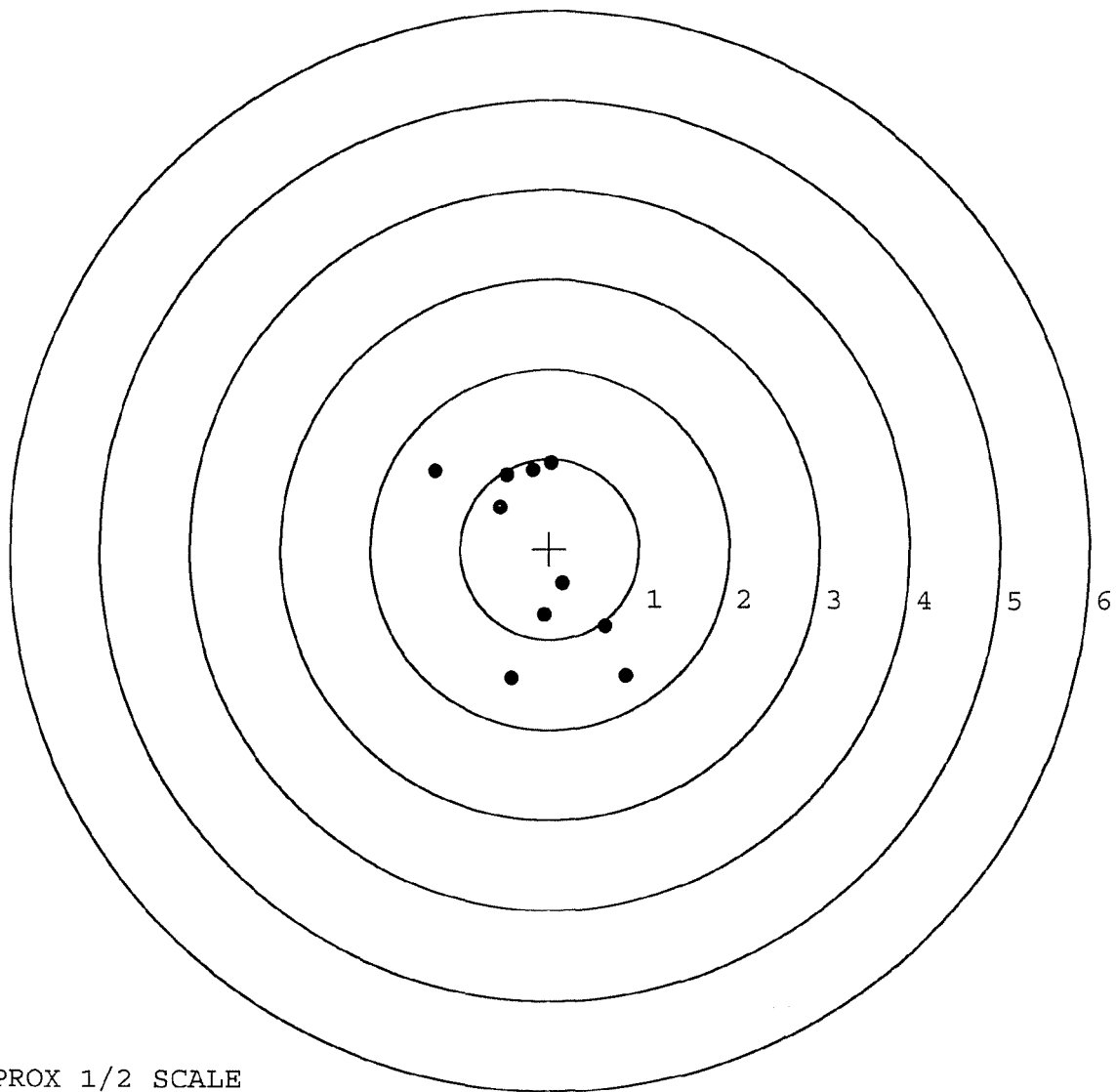
MAX RADIUS: 1.654

MEAN RADIUS: 1.033

IN 1 IN DIAMETER: 1

IN 2 IN DIAMETER: 5

in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6360871. 0

TARGET NUMBER: 5

FILE DATE: 05/09/2007

FILE TIME: 05:35

POINT#	X	Y
1:	0.763	0.578
2:	0.249	0.735
3:	0.393	-0.500
4:	0.645	-1.051
5:	1.503	-0.861
6:	-0.130	-0.053
7:	-0.822	0.312
8:	-0.792	-0.090
9:	-0.668	-0.518
10:	0.257	-1.908

X CENTROID: 0.140

Y CENTROID: -0.336

POA TO CENTROID: 0.364

HORZ SPREAD: 2.325

VERT SPREAD: 2.643

GROUP SPREAD: 2.643

MIN RADIUS: 0.302

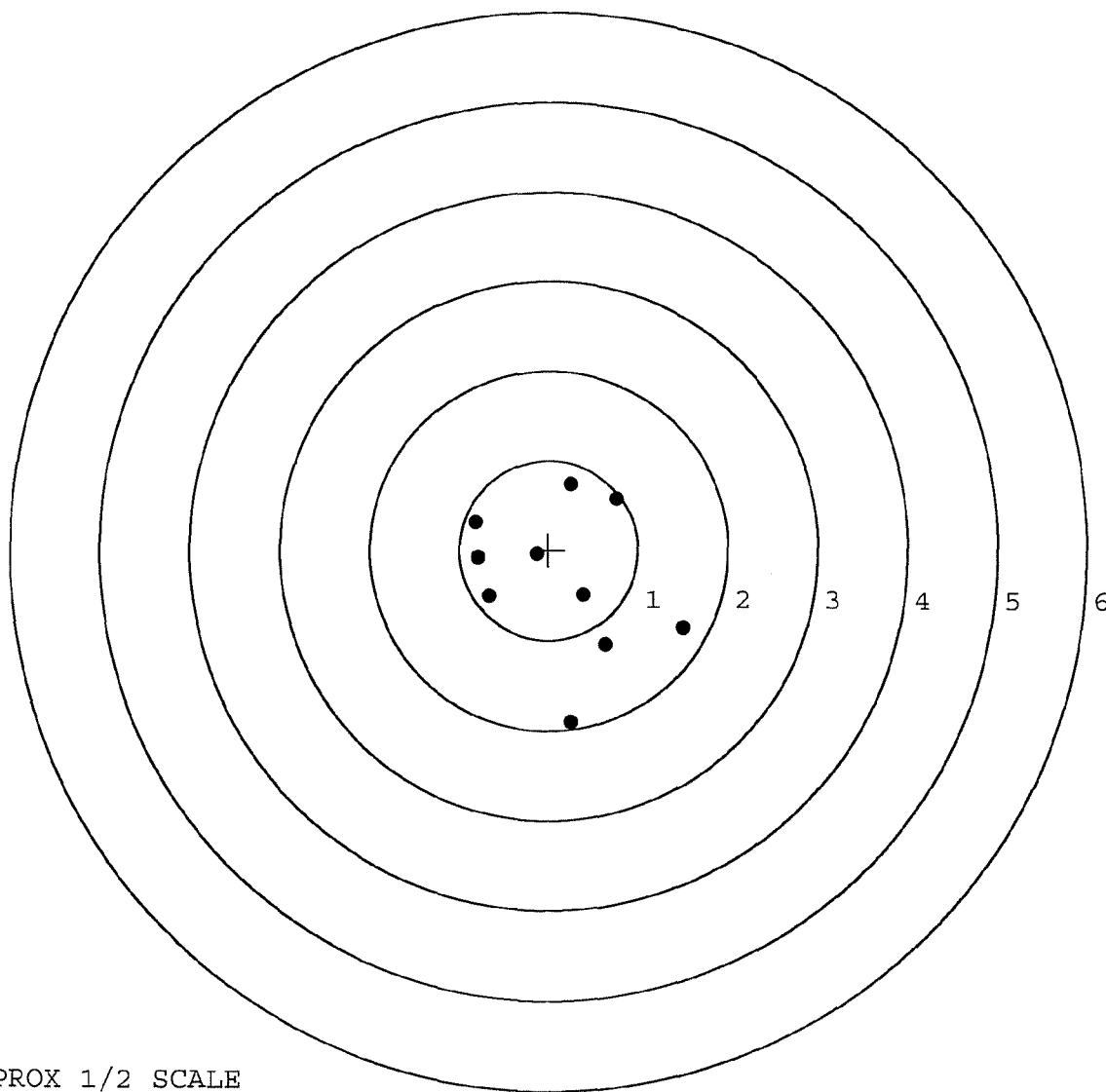
MAX RADIUS: 1.577

MEAN RADIUS: 0.974

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 5

in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

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

R & E NUMBER	127346		
SERIAL NUMBER	C6360871		
LOG-IN DATE	4-3-07		
OPERATION #	OPERATION NAME	DATE	INITIAL
500	DIS-ASSEMBLE GUN	4-24-07	RTZ
505	RE-BARREL	4-25-07	RTZ
560	ASSEMBLE	4-25-07	RTZ
600	PROOF	4-25-07	TRW
605	CHECK HEADSPACE	4-27-07	TRW
610	DIS-ASSEMBLE GUN	4-26-07	RTZ
612	MAGNAFLUX	4/30/07	und
510	DRILL AND TAP	4-27-07	TRW
615	ROLLMARK CALIBER	5-1-07	CW
618	ROTO-BLAST	5-1-07	LB
620	APPLY COATINGS	5/2/07	RB
625	FINAL ASSEMBLY	5-8-07	RTZ
640	FUNCTION TEST AND	PASS FAIL	5/8/07 non
650	TARGET	PASS FAIL	5/8/07 non
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
670	FINAL INSPECTION		5/5/07 non
	A) HEADSPACE	PASS FAIL	5/15/07 non
	B) TRIGGER PULL	2.48 2.39 2.47 2.44 2.46	5-10-07 TRW
680	F) SAFETY ON FORCE	7.0 7.0 7.5	5-10-07 TRW
	G) SAFETY OFF FORCE	2.25 2.75 2.5	5-10-07 TRW
	I) FIRING PIN INDENT	.0225 .0215 .022	5-10-07 TRW
690	PACK		5-16-07 RTA

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 <i>WDRLST-D</i>	1b. CUSTOMER UNIT NAME <i>HHC 1st INF</i>	1c. PHONE NO <i>798-6887</i>	3a. WORK ORDER NUMBER (WON)		3b. SHOP	3c. PHONE NO
2a. SAMS-2 UIC/SAMS-I/IDA	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 <i>101015101124102113161</i>	15a. FAILURE DETECTED DURING/WHEN DISCOVERED CODE (Enter code) See DA Pamphlets 738-750 and 738-751			
8. MODEL <i>M24 SWS</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			H R			
10a. ORG WON/DOC NO		10b. EIC				
11. SERIAL NUMBER <i>6225251</i>	12. QTY <i>010101</i>	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) <i>T/I</i>						
25. REMARKS <i>Pwr Spc Platt 798-6887</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/IDA 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

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6360871.___0

FILE DATE AND TIME: 01/19/2005 11:32

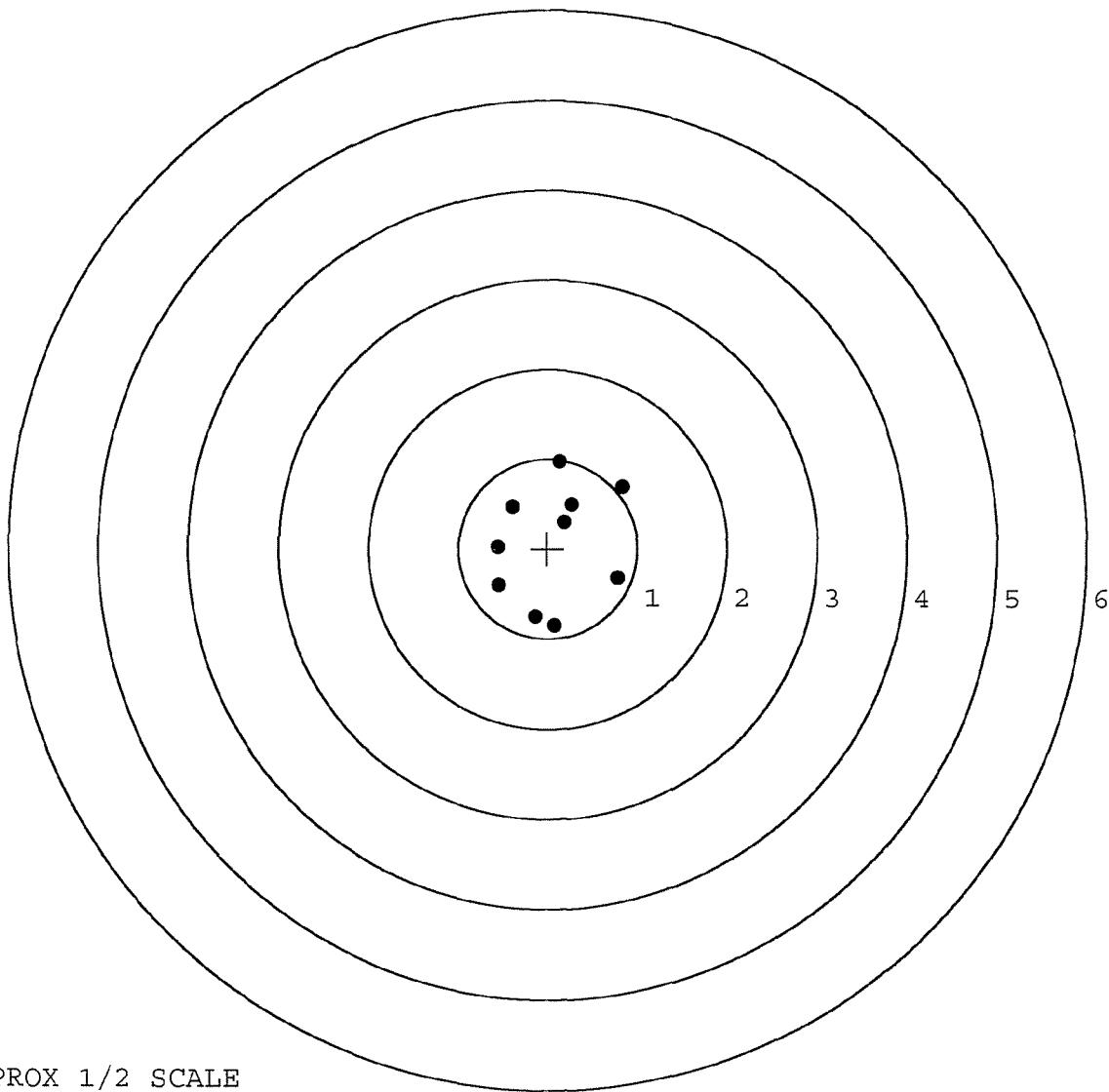
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.095
The Average Y Centroid of the Five Target Set:	0.002
The Average Point of Impact of the Five Target Set:	0.095
The Average Mean Radius of the Five Target Set:	0.734
The Distance from POA to Centroid Target #1:	0.087
The Distance from Centroid Target #2 to Centroid Target #1:	0.101
The Distance from Centroid Target #3 to Centroid Target #1:	0.241
The Distance from Centroid Target #4 to Centroid Target #1:	0.072
The Distance from Centroid Target #5 to Centroid Target #1:	0.241

SERIAL NUMBER: G6360871. __0
TARGET NUMBER: 1
FILE DATE: 01/19/2005
FILE TIME: 11:32

POINT#	X	Y
1:	0.784	-0.331
2:	0.834	0.687
3:	0.138	0.970
4:	0.271	0.499
5:	0.180	0.299
6:	-0.395	0.469
7:	-0.559	0.021
8:	-0.548	-0.409
9:	-0.142	-0.762
10:	0.079	-0.861

X CENTROID: 0.064
Y CENTROID: 0.058
POA TO CENTROID: 0.087
HORZ SPREAD: 1.393
VERT SPREAD: 1.831
GROUP SPREAD: 1.764
MIN RADIUS: 0.267
MAX RADIUS: 0.994
MEAN RADIUS: 0.726
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 10
in 3 IN DIAMETER: 10



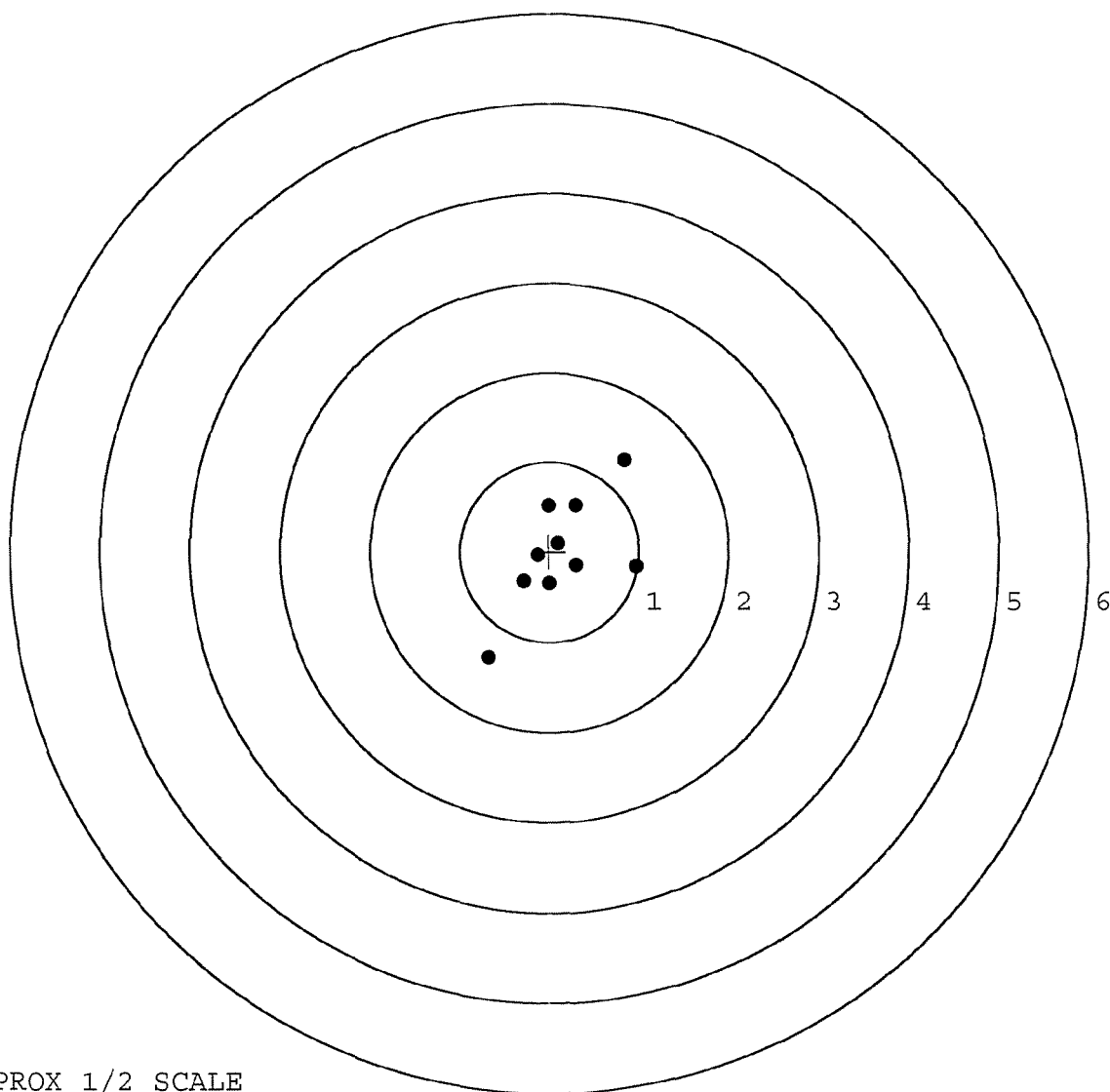
TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6360871. 0
TARGET NUMBER: 2
FILE DATE: 01/19/2005
FILE TIME: 11:32

X CENTROID: 0.139
Y CENTROID: -0.010
POA TO CENTROID: 0.140
HORZ SPREAD: 1.655
VERT SPREAD: 2.186
GROUP SPREAD: 2.669
MIN RADIUS: 0.108
MAX RADIUS: 1.424
MEAN RADIUS: 0.611

POINT#	X	Y
1:	0.969	-0.171
2:	0.846	1.016
3:	-0.686	-1.170
4:	0.298	0.516
5:	-0.011	0.507
6:	0.301	-0.148
7:	0.102	0.092
8:	-0.130	-0.046
9:	-0.006	-0.360
10:	-0.291	-0.333

IN 1 IN DIAMETER: 4
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 10

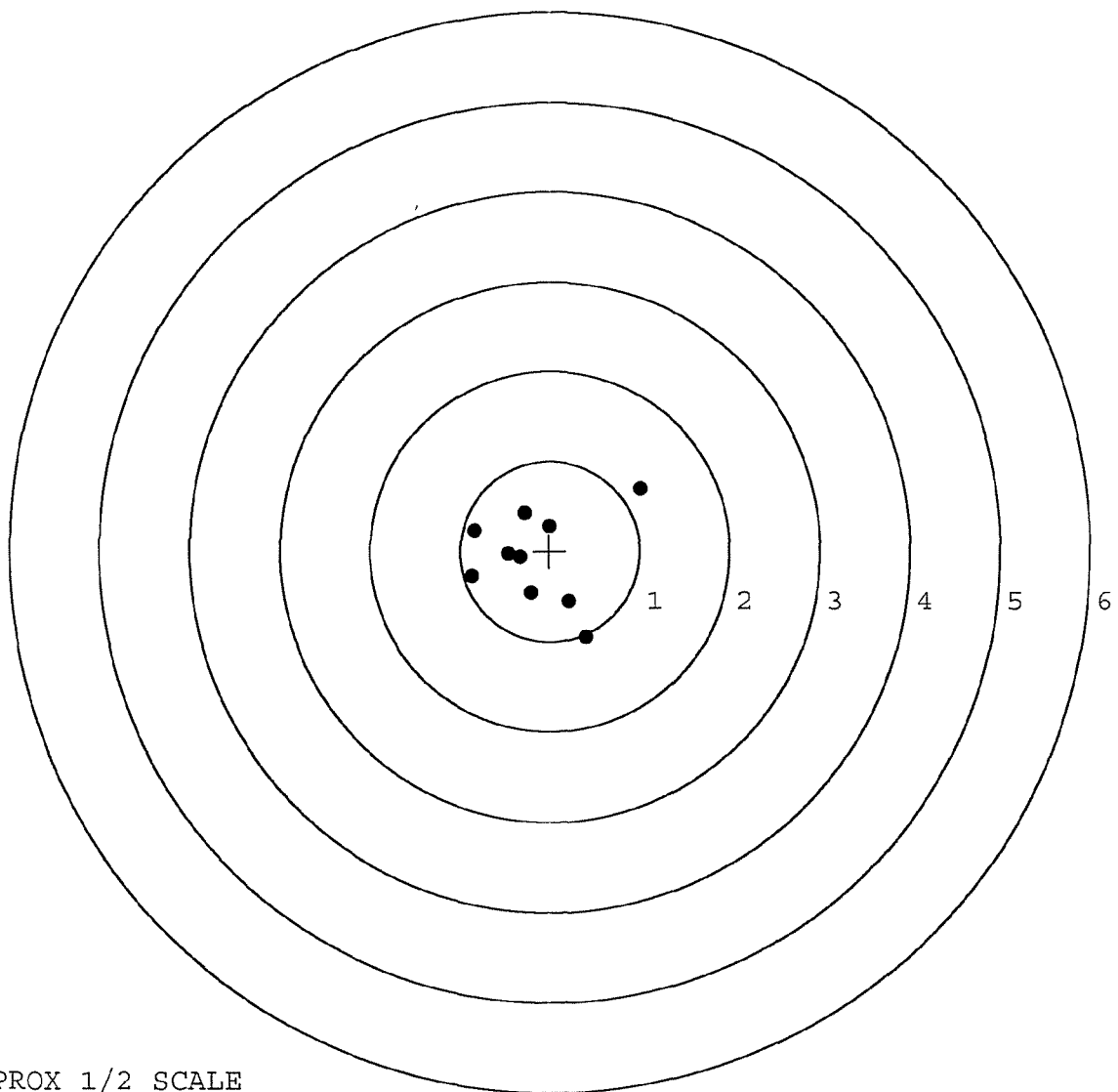


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6360871. 0
TARGET NUMBER: 3
FILE DATE: 01/19/2005
FILE TIME: 11:32

POINT#	X	Y
1:	1.013	0.688
2:	0.406	-0.959
3:	0.220	-0.556
4:	-0.211	-0.466
5:	-0.011	0.274
6:	-0.284	0.421
7:	-0.463	-0.032
8:	-0.871	-0.274
9:	-0.840	0.228
10:	-0.328	-0.073

X CENTROID: -0.137
Y CENTROID: -0.075
POA TO CENTROID: 0.156
HORZ SPREAD: 1.884
VERT SPREAD: 1.647
GROUP SPREAD: 2.115
MIN RADIUS: 0.191
MAX RADIUS: 1.380
MEAN RADIUS: 0.635
IN 1 IN DIAMETER: 4
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6360871. 0

TARGET NUMBER: 4

FILE DATE: 01/19/2005

FILE TIME: 11:32

POINT#	X	Y
1:	1.138	0.002
2:	0.799	0.020
3:	0.417	0.711
4:	0.091	0.526
5:	-0.310	0.515
6:	0.015	-0.021
7:	0.122	-0.287
8:	-0.113	-0.442
9:	-0.619	-0.355
10:	-0.469	-0.669

X CENTROID: 0.107

Y CENTROID: 0.000

POA TO CENTROID: 0.107

HORZ SPREAD: 1.757

VERT SPREAD: 1.380

GROUP SPREAD: 1.793

MIN RADIUS: 0.094

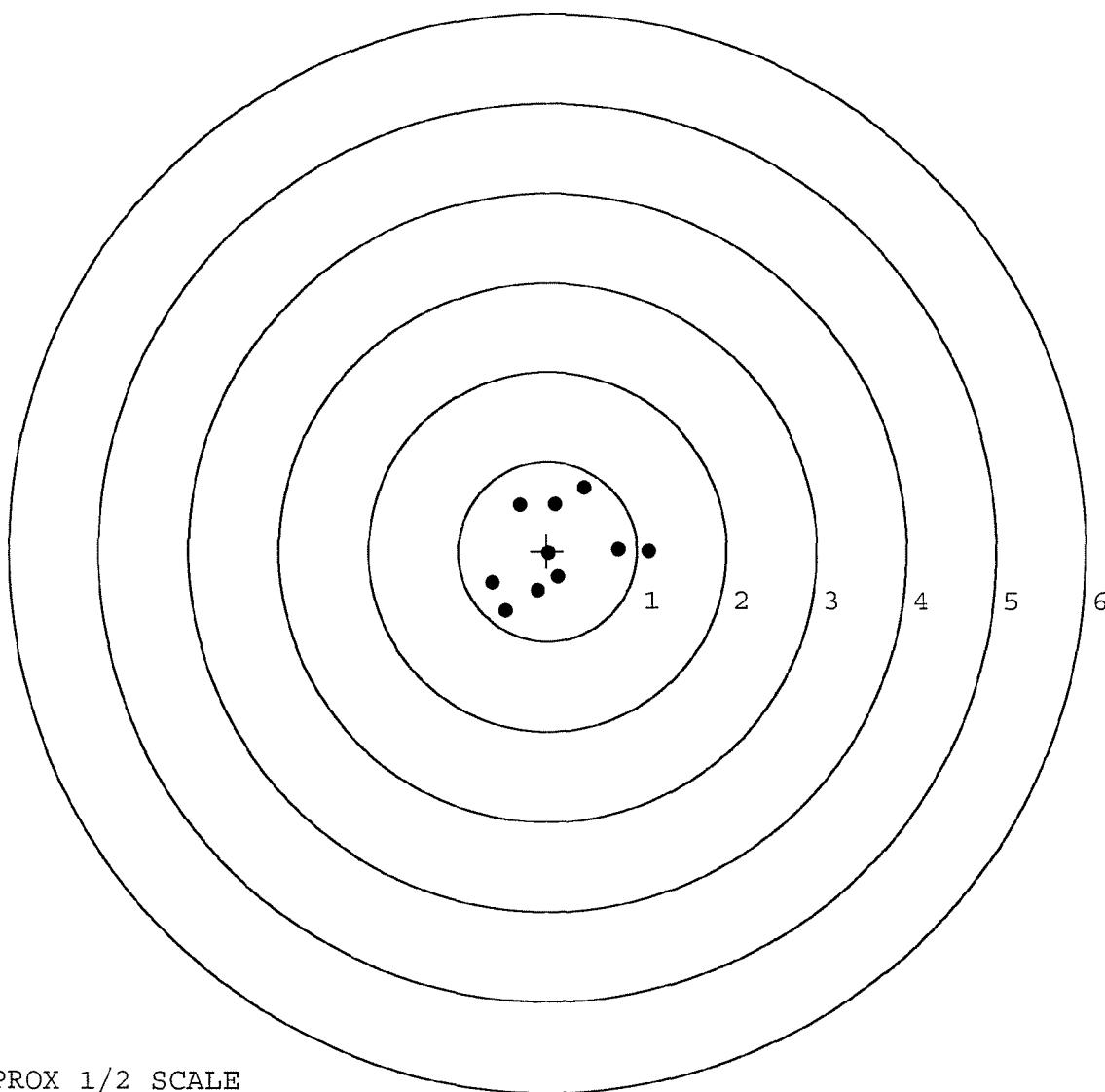
MAX RADIUS: 1.031

MEAN RADIUS: 0.625

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10

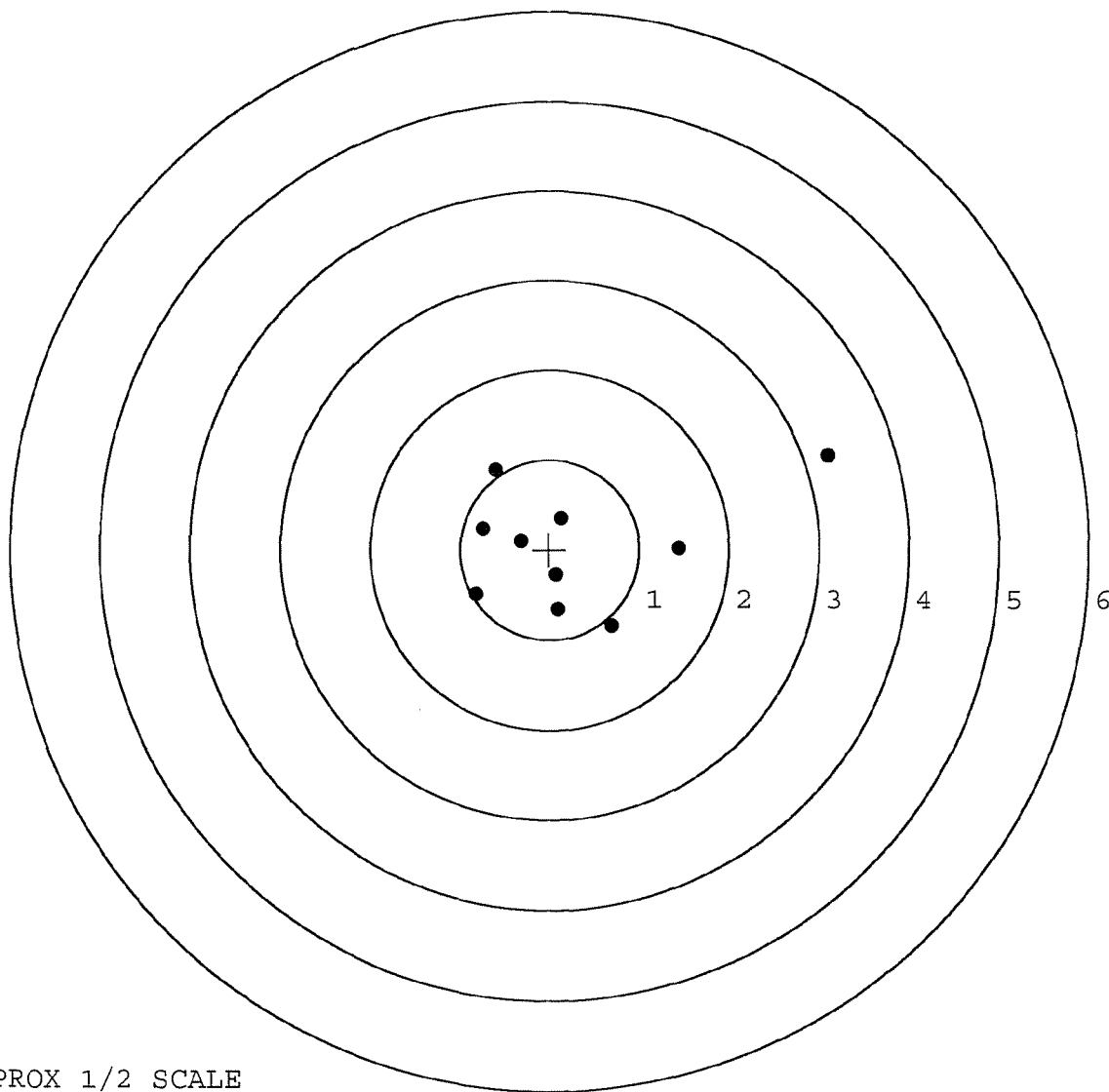


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6360871. __0
TARGET NUMBER: 5
FILE DATE: 01/19/2005
FILE TIME: 11:32

X CENTROID: 0.304
Y CENTROID: 0.034
POA TO CENTROID: 0.306
HORZ SPREAD: 3.920
VERT SPREAD: 1.899
GROUP SPREAD: 4.215
MIN RADIUS: 0.358
MAX RADIUS: 2.970
MEAN RADIUS: 1.075
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 5
in 3 IN DIAMETER: 9

POINT#	X	Y
1:	3.095	1.048
2:	1.441	0.026
3:	0.695	-0.851
4:	0.097	-0.670
5:	0.080	-0.281
6:	0.130	0.347
7:	-0.318	0.099
8:	-0.751	0.237
9:	-0.825	-0.500
10:	-0.606	0.889



TARGET APPROX 1/2 SCALE

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 1-6-05

TESTER TRW

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS		COMMENTS
PULL #1	2.30	2.58		2.13	
PULL #2	2.37	2.62		2.03	
PULL #3	2.21	2.50		2.11	
PULL #4	2.21	2.72		2.00	
PULL #5	2.34	2.41		2.22	
TOTAL	11.43	12.83		10.49	
AVERAGE	2.28	2.56		2.09	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	3.27	3.12		
PULL #2	3.26	3.40		
PULL #3	3.13	3.11		
PULL #4	3.16	3.09		
PULL #5	3.14	3.12		
TOTAL	15.96	15.84		
AVERAGE	3.19	3.16		

	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	4.36	4.31		4.26
PULL #2	4.25	4.26		4.09
PULL #3	4.28	4.16		4.37
PULL #4	4.30	4.28		4.14
PULL #5	4.39	4.16		4.19
TOTAL	21.58	21.17		21.05
AVERAGE	4.31	4.23		4.21

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

R & E NUMBER	90347		
SERIAL NUMBER	C6225257	C6360871	
LOG-IN DATE	1-5-05		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	1-6-05	RTL
560 A	RE-BARREL	1-7-05	RTL
B	DRILL AND TAP	1-10-05	TRW
575	ASSEMBLE	1-7-05	RTL
600	PROOF	1-10-05	RTL
605	CHECK HEADSPACE	1-10-05	RTL
610	DIS-ASSEMBLE GUN	1-10-05	RTL
612	MAGNAFLUX	OPERATOR	
615	ROLLMARK CALIBER	1-11-05	CW
618	ROTO-BLAST	1-12-05	LB
620	APPLY COATINGS	1/14/05	HP
625 A	FINAL ASSEMBLY	1-17-05	RTL
B	TRIGGER PULL TEST	1-20-05	AC
C	SAFETY "ON" FORCE	1-20-05	AC
D	SAFETY "OFF" FORCE	1-20-05	AC
E	FIRING PIN INDENT	1-20-05	AC
640	TARGET	1-19-05	AC
655	FINAL INSPECT	1-20-05	AC
660	PACK	1-20-05	DA
		SHIP DATE	
		QAR INSPECTION DATE	

2671646

MAINTENANCE REQUEST				PAGE NO. 1	NO. OF PAGES 1	REQUIREMENTS CONTROL SYMBOL CSGLD - 1047(R1)	
For use of this form, see DA PAM 738-750; the proponent agency is DCSLOG							
SECTION I - EQUIPMENT DATA							
CONTROL NUMBER		WORK ORDER NO.		WESDC	ORG. PD 12	PD AUTHENTICATION	
☒ Work Request ☐ MWO ☐ Warranty Claim		1A. ORGANIZATION 4HC 1/187th INF		B. LOCATION Ft Campbell KY		C. UNIT IDENT CODE WDRSTO	
2. SERIAL NO. 66225231		3. NOUN NOMENCLATURE Sniper System 7.62 M24		4. LINE NO. M24		5. MODEL 1005-01-240-2136	
7A. MAINTENANCE ACTIVITY		B. LEVEL		8. UTILIZATION CODE		9A. MCSR ITEM	
14. FAILURE DETECTED DURING (Select one - use ☒ or X)		15. FIRST INDICATION OF TROUBLE (Select one - use ☒ or X)					
☒ A Sch. Main. ☐ C Test ☐ E Storage ☐ G Flight ☐ B Handling ☐ D Normal Op ☐ F Inspection ☐ H Other		☐ 068 Inoperative ☐ 253 Overheating ☐ 790 Out of Adjustment ☐ 008 Noisy ☐ 387 Low Performance ☒ Other					
16A. DESCRIBE DEFICIENCIES OR SYMPTOMS ON THE BASIS OF COMPLETE CHECKOUT AND DIAGNOSTIC PROCEDURE IN EQUIPMENT TM (Do not prescribe repairs). Barrel riflings worn and unserviceable							
B. REMARKS POC SSG Price (502)798-3017							
PREPARATION INSTRUCTIONS (Prior to using this form, read DA PAM 738-750 for detailed preparation instructions)							
1. Place a "✓" or an "X" in the box for the type of action required. 2. Enter the WESDC if the item is Materiel Condition Status Reportable. 3. Enter the priority designator as determined from the urgency of need and force activity designator. 4. The Unit Commander, Chief of TDA activity or their designated representative will authenticate, by signature, a priority of 01 through 08. 5. <i>Block 1A.</i> Enter the name of the organization submitting the request. 6. <i>Block 1B.</i> Enter the unit submitting the request; units overseas enter APO only. 7. <i>Block 1C.</i> Enter the unit identification code of the unit in block 1A. 8. <i>Block 2.</i> Enter the equipment serial number. For ammunition, enter the lot number. For administrative-use vehicles, enter the USA registration number. 9. <i>Block 3.</i> Enter the noun abbreviation of the item. 10. <i>Block 4.</i> Enter the item line number, if applicable. 11. <i>Block 5.</i> Enter the model number. 12. <i>Block 6.</i> Enter the National Stock Number of the item listed in Block 3.				13. <i>Block 7.</i> Enter the name of the support activity. 14. <i>Block 7A.</i> Enter the symbol of the maintenance category (O, F, H, D, or L). 15. <i>Block 8.</i> Enter the utilization code. 16. <i>Block 9A.</i> Enter the word "yes" if the item is Materiel Condition Status Reportable. 17. <i>Block 9B.</i> Enter the equipment readiness code, if applicable. 18. <i>Block 9C.</i> Enter the word "yes" if the item is a pacing item. 19. <i>Block 10.</i> Enter the hour reading, if applicable. 20. <i>Block 11.</i> Enter the mileage from the odometer, if applicable. 21. <i>Block 12.</i> Enter the total rounds fired, if applicable. 22. <i>Block 13.</i> For turbine engines, enter the number of hot starts. 23. <i>Block 14.</i> Enter a "✓" or "X" in the proper block. 24. <i>Block 15.</i> Enter a "✓" or "X" in the proper block. 25. <i>Block 16.</i> Describe briefly the fault or symptoms needing correction.			
23. SUBMITTED BY		24. RECEIVED BY					
JULIAN DATE		JULIAN DATE					

MAINTENANCE REQUEST					PAGE NO.	NO. OF PAGES	REQUIREMENTS CONTROL SYMBOL		
For use of this form, see DA PAM 738-750; the proponent agency is DCSLOG					1	1	CSGLD - 1047(R1)		
SECTION I - EQUIPMENT DATA									
CONTROL NUMBER		WORK ORDER NO.		WESDC		ORG. PD		PD AUTHENTICATION	
						12			
☒ Work Request ☐ MWO ☐ Warranty Claim		1A. ORGANIZATION		B. LOCATION			C. UNIT IDENT CODE		
		HHC 1/187th INF		Ft Campbell KY			42223 WDIR STO		
2. SERIAL NO.		3. NOUN NOMENCLATURE		4. LINE NO.		5. MODEL		6. NATIONAL STOCK NUMBER	
06225251		Sniper System 762 M24				M24		1005-01-240-2136	
7A. MAINTENANCE ACTIVITY		B. LEVEL	8. UTILIZATION CODE	9A. MCSR ITEM	9B. ERC	9C. PACING ITEM	10. HOURS	11. MILES	
14. FAILURE DETECTED DURING (Select one - use ☒ or X)				15. FIRST INDICATION OF TROUBLE (Select one - use ☒ or X)					
☒ A Sch. Main ☐ C Test ☐ E Storage ☐ G Flight ☐ B Handling ☐ D Normal Op ☐ F Inspection ☐ H Other				☐ 068 Inoperative ☐ 258 Overheating ☐ 790 Out of Adjustment ☐ 008 Noisy ☐ 387 Low Performance ☒ Other					
16A. DESCRIBE DEFICIENCIES OR SYMPTOMS ON THE BASIS OF COMPLETE CHECKOUT AND DIAGNOSTIC PROCEDURE IN EQUIPMENT TM (Do not prescribe repairs).									
Barrel riflings worn and unusable									
B. REMARKS									
POC SSG Price (502) 775-3017									
SECTION II - WORK ACCOMPLISHED									
17A. REPAIR ORGANIZATION/ACTIVITY			C. UNIT IDENT. CODE		18. TYPE ORGANIZATION/ACTIVITY ACCOMPLISHING WORK (Select one - use ☒ or X)			19. AMS ACCT. CODE	
B. LOCATION					☐ 1 TOE ☐ 2 TD ☐ 3 Contractor				
20A. ACT. CODE	B. FAILURE CODE	C. COMPONENT/PART NOUN, SVC, OR MWO NO.			D. MANHOURS (Hrs. & tenths)	E. NATIONAL STOCK NUMBER	F. PART SOURCE CODE	G. QTY.	H. PARTS COST
		(1) CB CODE (2) REF DESIGN (3) MFR. CODE							
									\$
									\$
									\$
									\$
									\$
									\$
									\$
									\$
									\$
									\$
									\$
									\$
									\$
									\$
									\$
I. TOTAL MANHOURS					J. TOTAL MANHOURS COST		K. TOTAL PARTS COST		
					\$		\$		
21. DELAY (Select One)					22. Data Transcribed				
☐ 1 Parts ☐ 2 Manpower ☐ 3 Facilities ☐ 4 Funds ☐ 5 Tools									
23. SUBMITTED BY		24. RECEIVED BY		25. WORK STARTED BY		26. INSPECTED BY		27. ACCEPTED BY	
JULIAN DATE		JULIAN DATE		JULIAN DATE		JULIAN DATE		JULIAN DATE	
28. DISPOSITION (Select One)									
☐ A To User ☐ D Evacuated ☐ B To Stock ☐ E Cannibalization ☐ C Salvaged									

DA FORM 2407, AUG 88

EDITION OF MAY 81 MAY BE USED

NMP COPY 2

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6225251

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	3 17	89	RW
600	Proof	3 17	89	RW
607	Check Headspace	3 17	89	RW
610	Dis-assemble Gun	3 17	89	RW
612	Magnaflux Barrel Action		3/21	KCR
	Magnaflux Bolt		3/21	KCR
615	Rollmark Caliber		3/21	SL
617	Drill and Tap Sight Holes	3 22	89	FB
618	Polish Barrel	3 22	89	BT.
620	Apply Coatings (Barrel Action)		3-31-89	TSA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		4/4/89	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		4/4/89	RW
	C) Inspect Ejector Hole for Chamfer		4/4/89	RW
	D) Oil Firing Pin Ass'y		4/4/89	RW
	E) Adjust Trigger Pull to Min Setting and Stake		4-6-89	SL

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	8	8	8			4-6-89	JU
	G) Safety Off Force	4	4	4			4-6-89	JU
	H) Trigger Pull Test & Retainability						4-4-89	S.S.
	I) Firing Pin Indent	.020	.020	.020			4-6-89	JU
	J) Assemble Stock						4/14/89	RW
	K) Assemble Swivel Studs						19 Apr 89	JU
	L) Attach Front and Rear Sight Assemblies						4/14/89	RW
	M) Iron Sight Alignment						4/14/89	RW
	N) Detach Front & Rear Sights & place in numbered container						4/14/89	RW
	O) Attach Scope to Rifle						4/14/89	JU
	P) Detach & Attach Scope 20 Times						4/14/89	JU
640	Gallery Target & Test	58R	93L				4/19/89	DH
	A) Time						4/19/89	DH
	B) Malfunctions						4/19/89	DH
	C) Pierced Primers						4/19/89	DH
	D) Optical Clarity of Scope						4/19/89	DH
645	Inspect for Live Ammo						4/19/89	DH
655	Final Inspection							
	A) Headspace						19 Apr 89	JU
	B) Trigger Pull	2.40	2.39	2.34	2.28	2.33	19 Apr 89	JU
	C) Function						19 Apr 89	JU
660	Pack						21 June 89	JU

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# + .50#

3.00# + .75#

4.00# + 1.00#

SERIAL NO. C6225251

DATE 4-4-90

TESTER JH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	² 2.57	² 2.43		² 2.55	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.40	2.41		2.50	
PULL #3	2.35	2.28		2.54	
PULL #4	2.55	2.40		2.55	
PULL #5	2.24	2.41		2.57	
TOTAL	12.11	11.93		12.71	
AVG.	2.422	2.386		2.542	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	³ 3.48	³ 3.52		
PULL #2	3.50	3.50		
PULL #3	3.52	3.53		
PULL #4	3.53	3.25		
PULL #5	3.44	3.40		
TOTAL	17.47	17.20		
AVG.	3.494	3.44		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	⁴ 4.32	⁴ 4.26		
PULL #2	4.20	4.32		
PULL #3	4.23	4.31		
PULL #4	4.23	4.22		
PULL #5	4.27	4.25		
TOTAL	21.25	21.36		
AVG.	4.25	4.272		

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6225251
20 Apr 1989

CENTROIDAL DISTANCES

Ø TO	1	.295833
1 TO	2	.0547814
1 TO	3	.24067
1 TO	4	.469652
1 TO	5	.677402

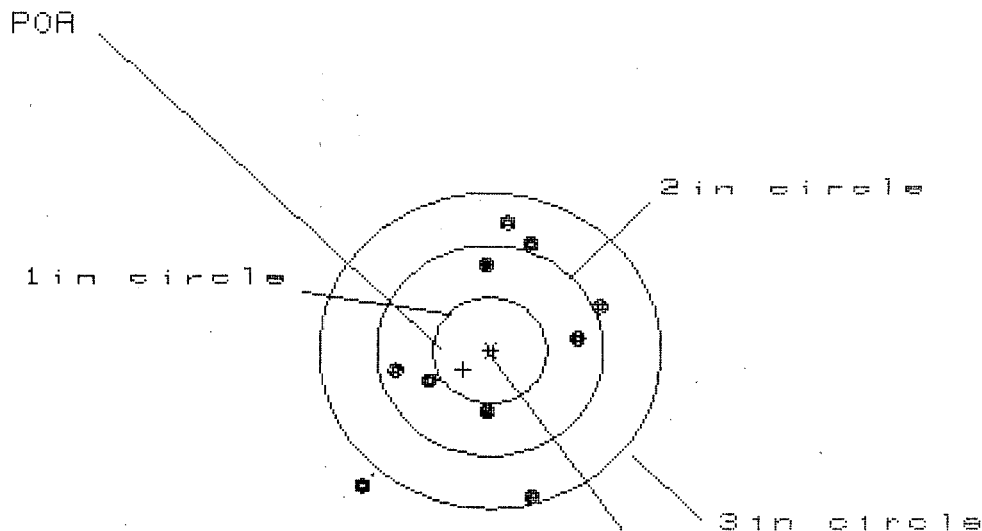
5⁴
+23 <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0848
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .3062
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .317725
THE AMR FOR THIS RIFLE IS: 1.016

20 Apr 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C6225251

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1 in - 0

2 in - 5

3 in - 9

HS- 2.086

VS- 2.585

GS- 2.807

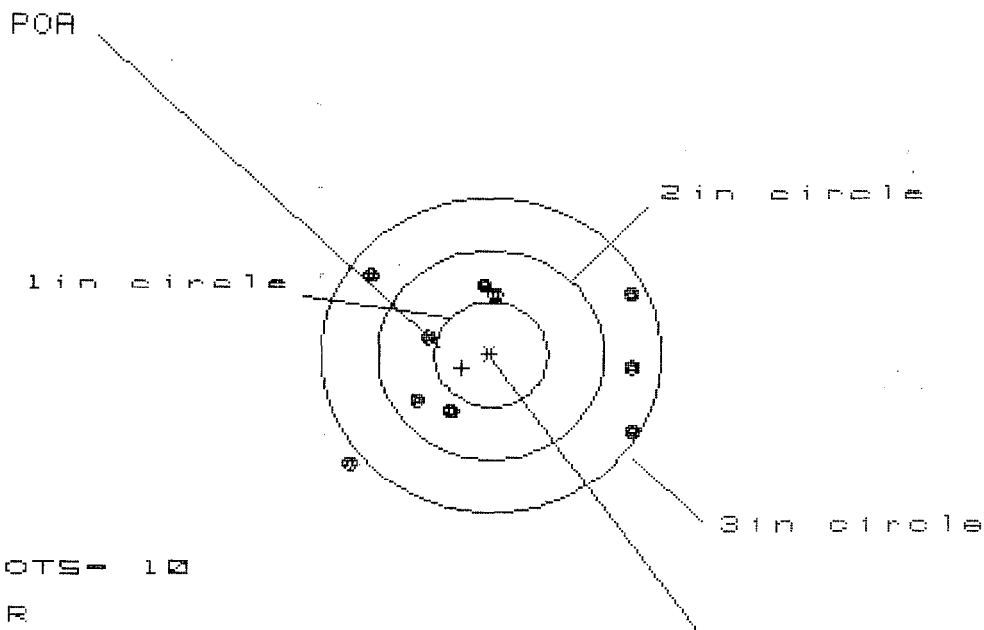
CENTROID #

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.955	.829	.858
MINIMUM X	-1.131	-.975	-.947
MAXIMUM Y	1.252	1.112	.928
MINIMUM Y	-1.333	-1.473	-.933
CENTROID X	.234	.360	.332
CENTROID Y	.181	.321	.505
POA TO CENTROID in.	.296	.482	.604
MIN RADIUS	.609	.631	.517
MEAN RADIUS	1.013	.921	.827
MAX RADIUS	1.688	1.490	1.053
HORIZONTAL SPREAD	2.086	1.804	1.804
VERTICAL SPREAD	2.585	2.585	1.861
EXTREME SPREAD	2.807	2.594	1.877
NUMBER IN ONE INCH CIRCLE =	0		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	9		

28 Apr 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C8225251

CENTERFIRE PATTERNS # 2



OF SHOTS - 10

IN CIR

1 in = 0

2 in = 5

3 in = 9

HS = 2.576

VS = 1.792

GS = 3.011

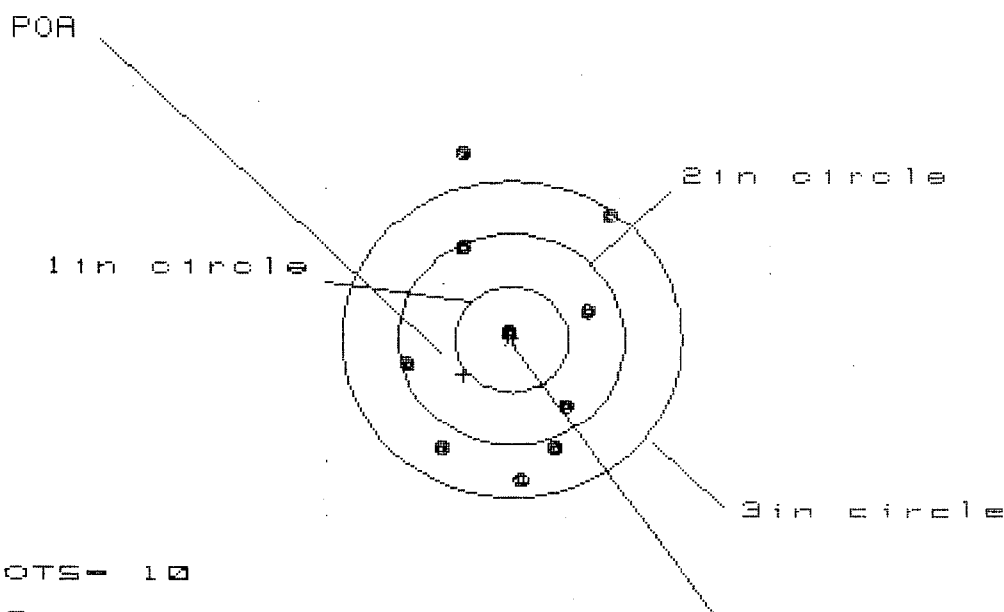
CENTROID #

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.273	1.128	1.268
MINIMUM X	:	-1.303	-1.157	-1.017
MAXIMUM Y	:	.774	.661	.558
MINIMUM Y	:	-1.018	-.826	-.722
CENTROID X	:	.254	.399	.259
CENTROID Y	:	.130	.243	.346
POA TO CENTROID in.	:	.285	.467	.432
MIN RADIUS	:	.541	.505	.392
MEAN RADIUS	:	1.023	.952	.857
MAX RADIUS	:	1.653	1.390	1.323
HORIZONTAL SPREAD	:	2.576	2.285	2.285
VERTICAL SPREAD	:	1.792	1.487	1.280
EXTREME SPREAD	:	3.011	2.717	2.469
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		9	

20 Apr 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C6225251

CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1in = 1

2in = 5

3in = 9

HS= 1.791

VS= 3.086

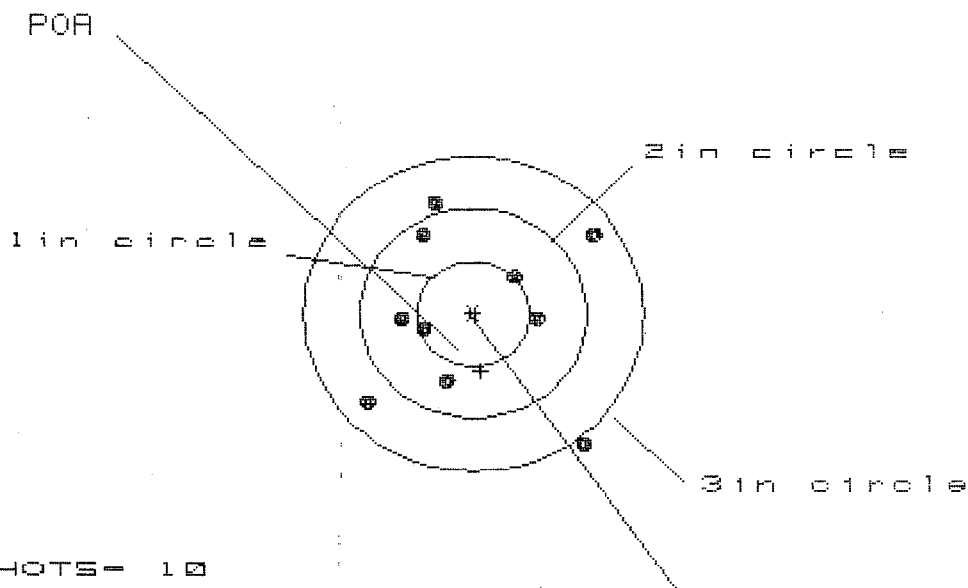
GS= 3.127

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.843	.791	.772
MINIMUM X	:	-.948	-1.000	-.901
MAXIMUM Y	:	1.747	1.399	1.270
MINIMUM Y	:	-1.340	-1.145	-.971
CENTROID X	:	.423	.475	.376
CENTROID Y	:	.330	.135	-.039
POA TO CENTROID in.	:	.536	.494	.378
MIN RADIUS	:	.026	.225	.398
MEAN RADIUS	:	1.043	.949	.855
MAX RADIUS	:	1.807	1.607	1.321
HORIZONTAL SPREAD	:	1.791	1.791	1.673
VERTICAL SPREAD	:	3.086	2.544	2.241
EXTREME SPREAD	:	3.127	2.667	2.286
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		9	

20 Apr 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C6225251

CENTERFIRE PATTERNS # 4



OF SHOTS- 10

IN CIR

1 in = 1

2 in = 6

3 in = 9

HS= 2.039

VS= 2.294

GS= 2.611

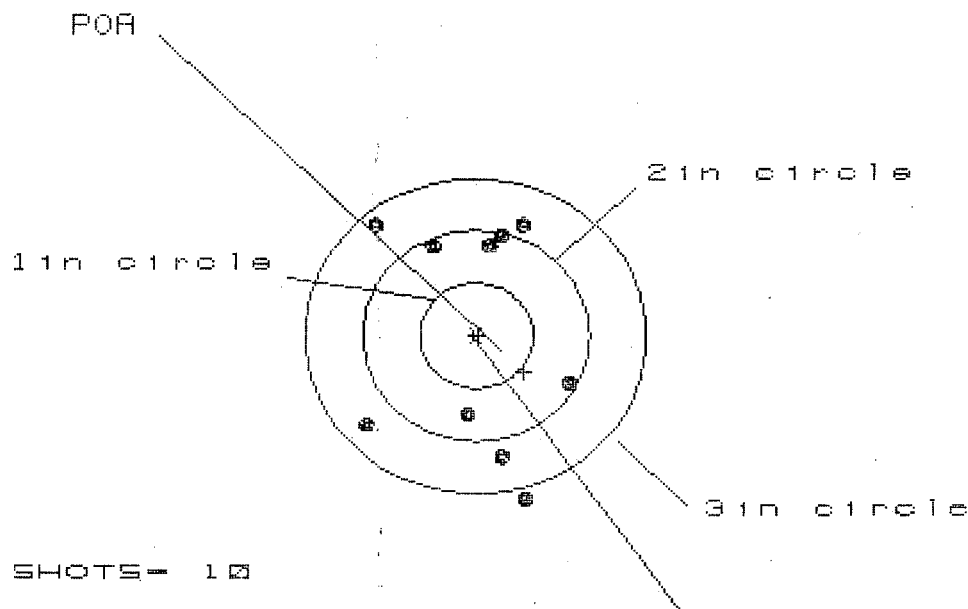
CENTROID *

PATTERN #	4	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.063	1.169	1.060
MINIMUM X	-.976	-.870	-.598
MAXIMUM Y	1.091	.957	.830
MINIMUM Y	-1.203	-1.023	-.910
CENTROID X	-.064	-.170	-.061
CENTROID Y	.544	.678	.805
POA TO CENTROID in.	.548	.699	.808
MIN RADIUS	.443	.424	.345
MEAN RADIUS	.895	.806	.734
MAX RADIUS	1.535	1.343	1.154
HORIZONTAL SPREAD	2.039	2.039	1.658
VERTICAL SPREAD	2.294	1.980	1.740
EXTREME SPREAD	2.611	2.595	1.875
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	6		
NUMBER IN THREE INCH CIRCLE =	9		

28 Apr 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C6225251

CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1in = 0

2in = 5

3in = 9

HS= 1.833

VS= 2.597

GS= 2.895

CENTROID *

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.839	.890	.783
MINIMUM X	:	-.994	-.943	-1.050
MAXIMUM Y	:	1.074	.905	1.011
MINIMUM Y	:	-1.523	-1.357	-1.259
CENTROID X	:	-.423	-.474	-.361
CENTROID Y	:	.346	.515	.498
POA TO CENTROID in.	:	.546	.700	.640
MIN RADIUS	:	.748	.692	.611
MEAN RADIUS	:	1.108	1.030	1.006
MAX RADIUS	:	1.593	1.395	1.397
HORIZONTAL SPREAD	:	1.833	1.833	1.611
VERTICAL SPREAD	:	2.597	2.262	2.262
EXTREME SPREAD	:	2.895	2.498	2.397
NUMBER IN ONE INCH CIRCLE	=	0		
NUMBER IN TWO INCH CIRCLE	=	5		
NUMBER IN THREE INCH CIRCLE	=	9		

Remington®



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

MODEL 700™ H24

SERIAL NO.
C6225251

ORDER NO.
5716

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

01



5716 C6225251

UPC



0 47700 25716 7

Repair Number: **RE00021295** Serial: C6225251 Model: 700 Center Fire Caliber: 7.62 NATO M-24 (SWS) Repairman: Status: Closed 1/22/01 10:31:17 AM

Verify Repair

Address Information

Customer: ☒ Received From Return To: ☒ Received From

Name: TRANSPORTATION OFFICE TRANSPORTATION OFFICE

Address 1: BLDG 873 BLDG 873

Address 2: BASTOGNE AVE PO Box BASTOGNE AVE PO Box

City: FORT CAMPBELL FORT CAMPBELL

State: KY Zip Code: 42223 Country: US State: KY Zip Code: 42223 Country: US

FFL: ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐

Contact / Condition Problems Estimate History / Status Shipping / Billing

Contact Information:

Phone:

Fax:

Email:

Comments:

Received Condition:

Fair

Condition Notes:

CSR Notes:

Accessories Received:

Code	Desc	Qty
A007	With Stud	1
A008	With Swivel	1
A010	Hard Case	1
A017	Scope Base	1
X	BI-POD	1

Repair Search Refresh Close

maglet 1/22/01 11:26 AM NUM

Start In Na Ar Exp Mic Ass Pa RD RE 11:26 AM

Serial Number: **C6225251**

Model: **700**



RE00021295

Remington Test Lab, Ilion, N.Y.

Centroidal distance calculations for Rifle # c6225251
23 Feb 2001

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0428

THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0052

THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0431147

THE AMR FOR THIS RIFLE IS: 1.411

CENTROIDAL DISTANCES

Ø TO	1	.0471275
1 TO	2	.919828
1 TO	3	.752062
1 TO	4	.258588
1 TO	5	.106569

3

4 15 <----POA

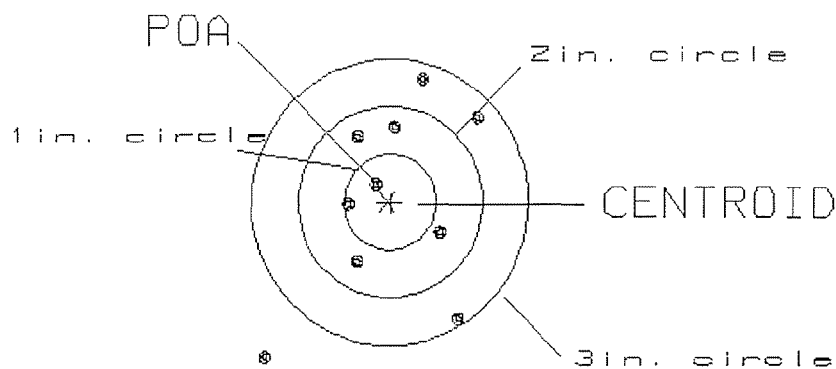
2

PATTERN #: ☐ 1 ☐
 POA TO CENTROID: .047
 MIN RADIUS : .245
 MEAN RADIUS : .984
 MAX RADIUS : 2.116
 CENTROID X : -.045
 CENTROID Y : .014

23 Feb 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6225251

CENTERFIRE PATTERN # 1



OF SHOTS= 10

IN CIRCLE

HS= 2.33

2

VS= 2.89

6

GS= 3.43

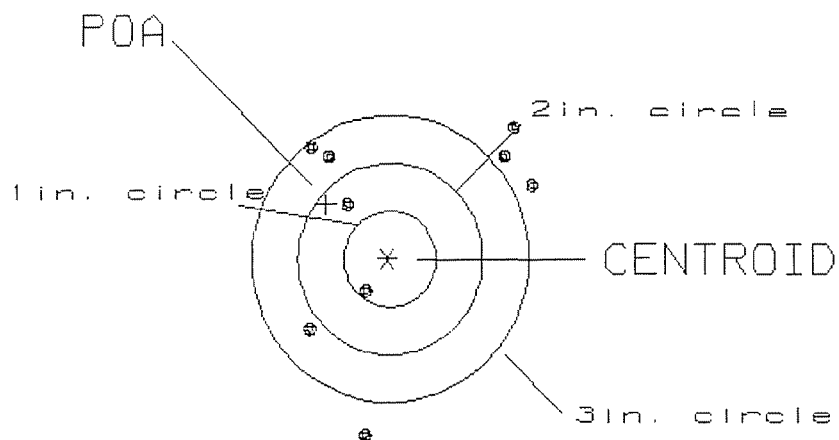
9

PATTERN #: ☐ 2 ☐
 POA TO CENTROID: .876
 MIN RADIUS : .397
 MEAN RADIUS : 1.525
 MAX RADIUS : 3.268
 CENTROID X : .666
 CENTROID Y : -.568

23 Feb 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6225251

CENTERFIRE PATTERN # 2



OF SHOTS= 10

IN CIRCLE

HS= 2.40

•

1

VS= 4.58

2

GS= 4.99

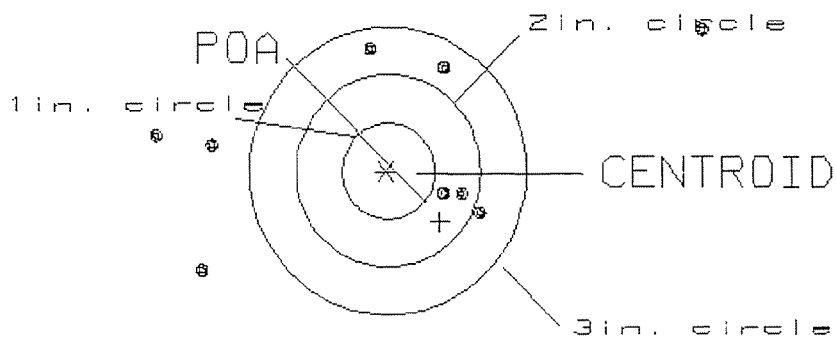
5

PATTERN #: ☐ 3 ☐
 POA TO CENTROID: .794
 MIN RADIUS : .613
 MEAN RADIUS : 1.806
 MAX RADIUS : 3.692
 CENTROID X : -.594
 CENTROID Y : .528

23 Feb 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6225251

CENTERFIRE PATTERN # 3



OF SHOTS= 10

IN CIRCLE

HS= 5.92

0

VS= 4.06

2

GS= 6.03

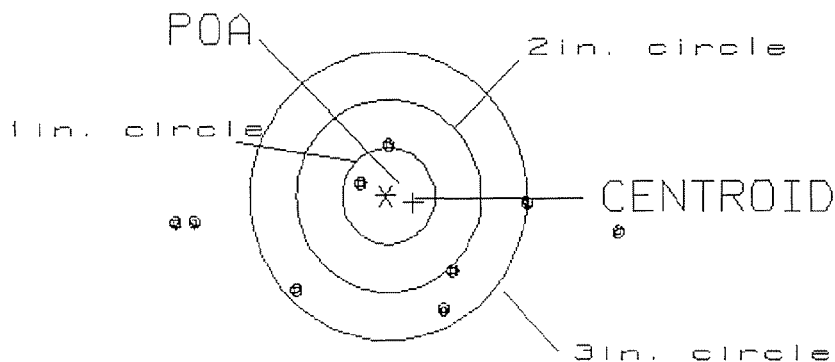
5

PATTERN #: ☐ 4 ☐
 POA TO CENTROID: .305
 MIN RADIUS : .287
 MEAN RADIUS : 1.632
 MAX RADIUS : 3.233
 CENTROID X : -.297
 CENTROID Y : .072

23 Feb 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6225251

CENTERFIRE PATTERN # 4



OF SHOTS= 10

IN CIRCLE

HS= 4.82

1

VS= 4.43

2

GS= 4.82

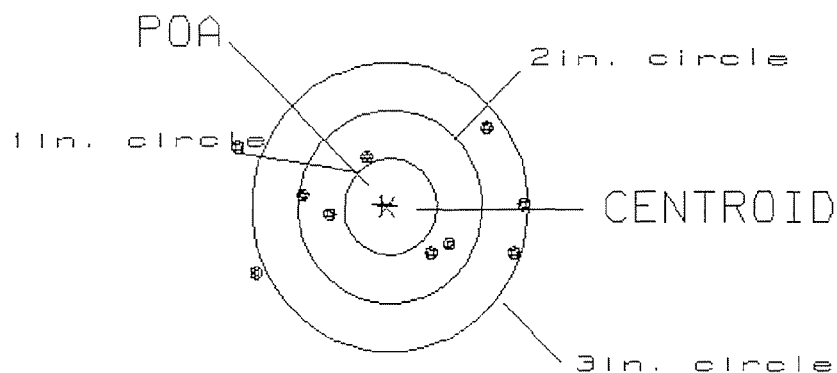
6

PATTERN #: L 5 C
 POA TO CENTROID: .059
 MIN RADIUS : .538
 MEAN RADIUS : 1.108
 MAX RADIUS : 1.733
 CENTROID X : .056
 CENTROID Y : -.020

23 Feb 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6225251

CENTERFIRE PATTERN # 5



OF SHOTS= 10

IN CIRCLE

HS= 3.05

0

VS= 1.49

5

GS= 3.13

8

Remington Test Lab, Ilion, N.Y.

Centroidal distance calculations for Rifle # c6225251

1 Mar 2001

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0834

THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0558

THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .100345

THE AMR FOR THIS RIFLE IS: .8682

CENTROIDAL DISTANCES

0 TO	1	.382624
1 TO	2	.288647
1 TO	3	.406864
1 TO	4	.453538
1 TO	5	.3236

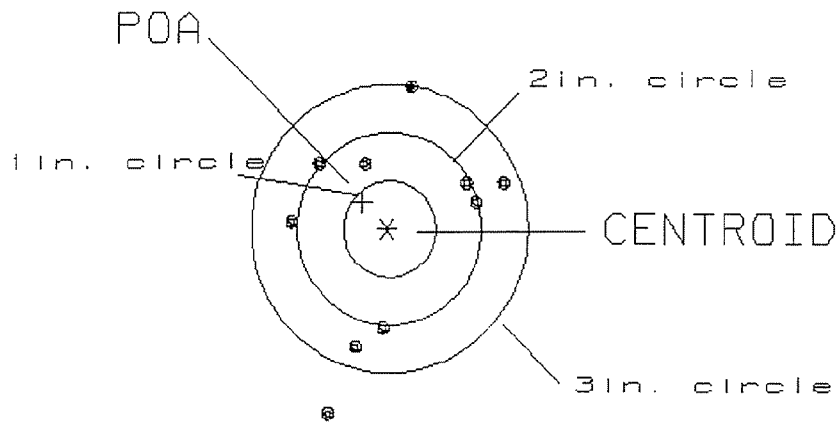
4
35 <----POA
2
1

PATTERN #: ☐ 1 ☐
 POA TO CENTROID: .383
 MIN RADIUS : .743
 MEAN RADIUS : 1.188
 MAX RADIUS : 2.040
 CENTROID X : .265
 CENTROID Y : -.276

1 Mar 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6225251

CENTERFIRE PATTERN # 1



OF SHOTS= 10

IN CIRCLE

HS= 2.30

0

VS= 3.44

4

GS= 3.54

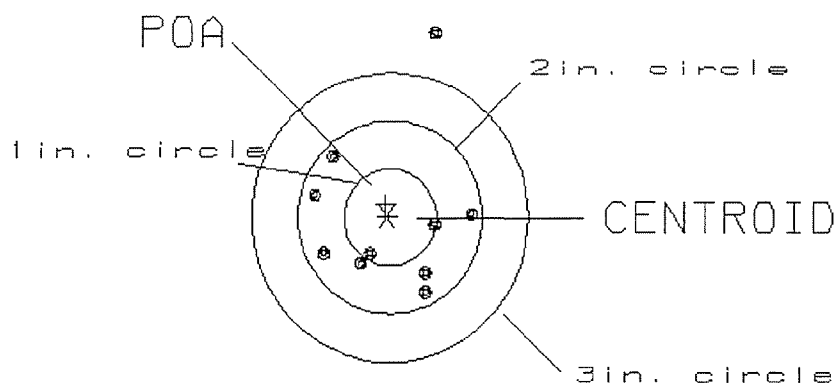
8

PATTERN #: ☐ 2 ☐
 POA TO CENTROID: .126
 MIN RADIUS : .422
 MEAN RADIUS : .841
 MAX RADIUS : 1.939
 CENTROID X : .019
 CENTROID Y : -.125

1 Mar 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6225251

CENTERFIRE PATTERN # 2



OF SHOTS= 10

IN CIRCLE

HS= 1.69

1

VS= 2.68

9

GS= 2.68

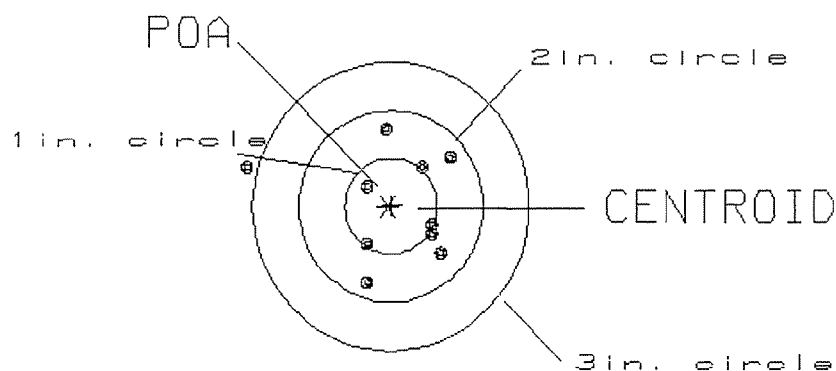
9

PATTERN #: 3
 POA TO CENTROID: .043
 MIN RADIUS : .274
 MEAN RADIUS : .706
 MAX RADIUS : 1.622
 CENTROID X : -.042
 CENTROID Y : -.009

1 Mar 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6225251

CENTERFIRE PATTERN # 3



OF SHOTS= 10

IN CIRCLE

HS= 2.20

3

VS= 1.55

9

GS= 2.26

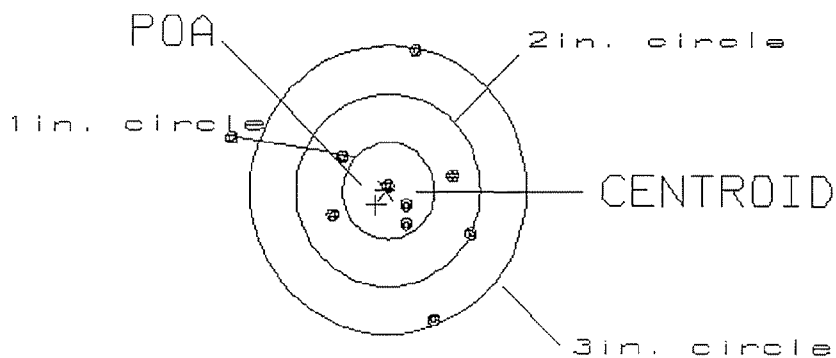
9

PATTERN #: ☐ 4 ☐
 POA TO CENTROID: .181
 MIN RADIUS : .047
 MEAN RADIUS : .836
 MAX RADIUS : 1.753
 CENTROID X : .104
 CENTROID Y : .148

1 Mar 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6225251

CENTERFIRE PATTERN # 4



OF SHOTS= 10

IN CIRCLE

HS= 2.57

3

VS= 2.81

7

GS= 2.86

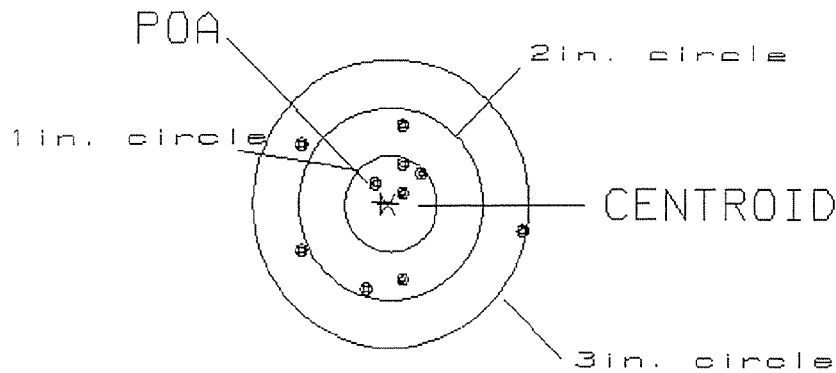
9

PATTERN #: ☐ 5 ☐
 POA TO CENTROID: .073
 MIN RADIUS : .196
 MEAN RADIUS : .770
 MAX RADIUS : 1.498
 CENTROID X : .071
 CENTROID Y : -.017

1 Mar 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6225251

CENTERFIRE PATTERN # 5



OF SHOTS= 10

IN CIRCLE

HS= 2.46

4

VS= 1.74

7

GS= 2.64

10

Final Inspection

Sn: C-6225251

DATE REC'D: 1-22-01

DATE RET'D:

AUDITOR: CK

Item:

Barrel Assy.

☒ BARREL☒ RECEIVER☒ FRONT SIGHT BLOCK☒ REAR SIGHT BLOCK☒ SCREWS☒ FINISH

Scope Assy.

☐ SCOPE☐ SCOPE RINGS☒ MOUNTING SCREWS☒ MOUNTING BASE☐ SCREWS☐ FINISH☐ LOOSENESS☐ CLARITY

Misc.

☐ DD-250☐ BAR CODE☐ PACKAGING

Item:

Stock Assy.

☒ STOCK☒ SLING SWIVEL STUDS☒ ADJUSTABLE BUTT PLATE☒ LOCK NUTS☒ BARREL CLEARANCE☒ COLOR/FINISH

Systems Case

☐ SCOPE CASE☐ IRON SIGHTS☐ DEPLOYMENT KIT

Trigger

☒ SAFETY OPERATION☒ SET

Comments:

M-24 INSPECTION CHECKLIST
CONTRACT #: DAAE-20-97-C-242

R & E NUMBER <u>212 95</u>			
SERIAL NUMBER <u>C-6225251</u>			
LOG-IN DATE <u>1-22-01</u>			
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	1-27-01	CK
560 A	RE-BARREL AT CUSTOM SHOP		
B	DRILL AND TAP		
C	POLISH		
575	ASSEMBLE		
600	PROOF	1-30-01	CK
605	CHECK HEADSPACE	1-30-01	CK
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		
D	SAFETY "OFF" FORCE		
E	FIRING PIN INDENT		
640	TARGET	2-7-01	CK
655	FINAL INSPECT	2-12-01	CK
660	PACK		
		SHIP DATE	
QAR INSPECTION DATE			