

G 6590222

Replaces

C. 6225446

Flash Sup
sling

Serial Number: G6590222

Model: M24 SWS



RE00165514

M-24
INSPECTION CHECKLIST - REPAIRS
CONTRACT #: W52H09-07-C-0207
ISSUED 10/1/2007

R & E NUMBER <u>165574</u>				
SERIAL NUMBER <u>G6590222</u>				
LOG-IN DATE <u>165574 3/31/09</u>				
OPERATION #	OPERATION NAME		DATE	INITIAL
500	DIS-ASSEMBLE GUN		4-14-09	RTL
505	RE-BARREL		4-15-09	RTL
420	ASSEMBLE		4-15-09	RTL
440	PROOF		4-15-09	WV
460	CHECK HEADSPACE	MAGNA - FLUX	4-15-09	WV
470	DIS-ASSEMBLE GUN		4-15-09	RTL
480	MAGNAFLUX		4/18/09	(N)
510	DRILL AND TAP	OPERATOR (P)	4-15-09	SP
500	ROLLMARK CALIBER		4/20/09	RT
520	GOFF BLAST BBL / REC		4/21/09	LM
530 & 540	APPLY COATINGS		4/21	—
560	FINAL ASSEMBLY		4-22-09	RTL
640	FUNCTION TEST AND	(PASS) FAIL	4-23-09	RP
650	TARGET	(PASS) FAIL	4-23-09	RP
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION	N/A	
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION	4-23-09	RPD
670	FINAL INSPECTION			
	A) HEADSPACE	(PASS) FAIL	4-24-09	WV
	B) TRIGGER PULL	+/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	2.83 2.84 2.83 2.81 2.77 4-24-09	WV
680	F) SAFETY ON FORCE	2 LBS MIN 10 LBS MAX	5 5 5 4-24-09	WV
	G) SAFETY OFF FORCE	2 LBS MIN	2.5 2.5 2.5 4-24-09	WV
	I) FIRING PIN INDENT	.020	.022 .022 .023 4-24-09	WV
690	PACK		5/14/09	FM

F006 REV 1/2009

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6590222.__1

FILE DATE AND TIME: 04/24/2009 05:17

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.077
The Average Y Centroid of the Five Target Set:	0.011
The Average Point of Impact of the Five Target Set:	0.078
The Average Mean Radius of the Five Target Set:	0.643
The Distance from POA to Centroid Target #1:	0.187
The Distance from Centroid Target #2 to Centroid Target #1:	0.271
The Distance from Centroid Target #3 to Centroid Target #1:	0.288
The Distance from Centroid Target #4 to Centroid Target #1:	0.220
The Distance from Centroid Target #5 to Centroid Target #1:	0.150

SERIAL NUMBER: G6590222. __1

TARGET NUMBER: 1

FILE DATE: 04/24/2009

FILE TIME: 05:17

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

1:	-0.025	-1.113
----	--------	--------

2:	0.290	-1.062
----	-------	--------

3:	-0.093	-0.566
----	--------	--------

4:	-0.388	-0.363
----	--------	--------

5:	-0.830	0.366
----	--------	-------

6:	-0.419	1.072
----	--------	-------

7:	-0.355	0.614
----	--------	-------

8:	-0.096	0.316
----	--------	-------

9:	-0.026	0.056
----	--------	-------

10:	0.250	-0.121
-----	-------	--------

X CENTROID: -0.169

Y CENTROID: -0.080

POA TO CENTROID: 0.187

HORZ SPREAD: 1.120

VERT SPREAD: 2.185

GROUP SPREAD: 2.249

MIN RADIUS: 0.198

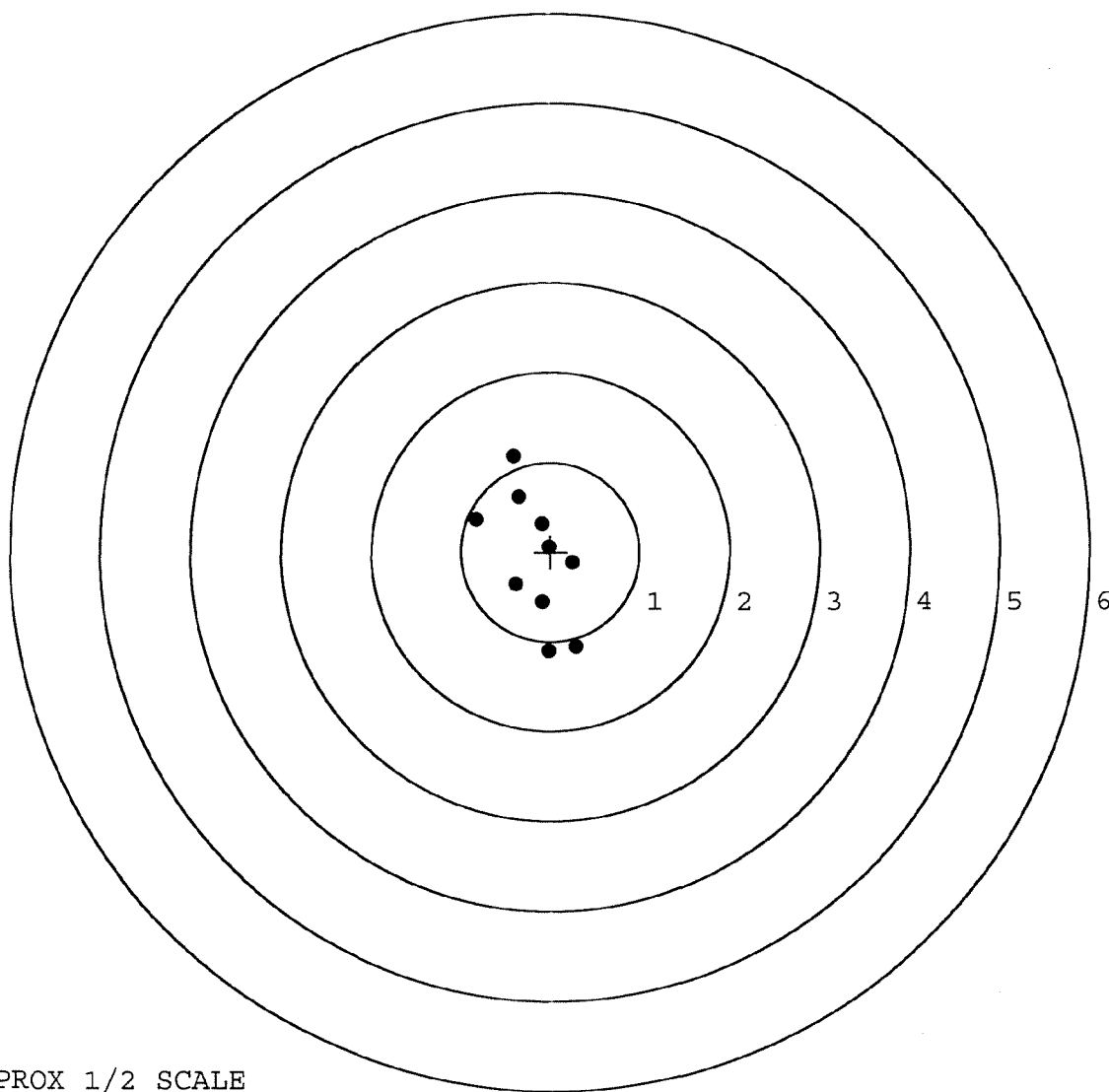
MAX RADIUS: 1.179

MEAN RADIUS: 0.669

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 10

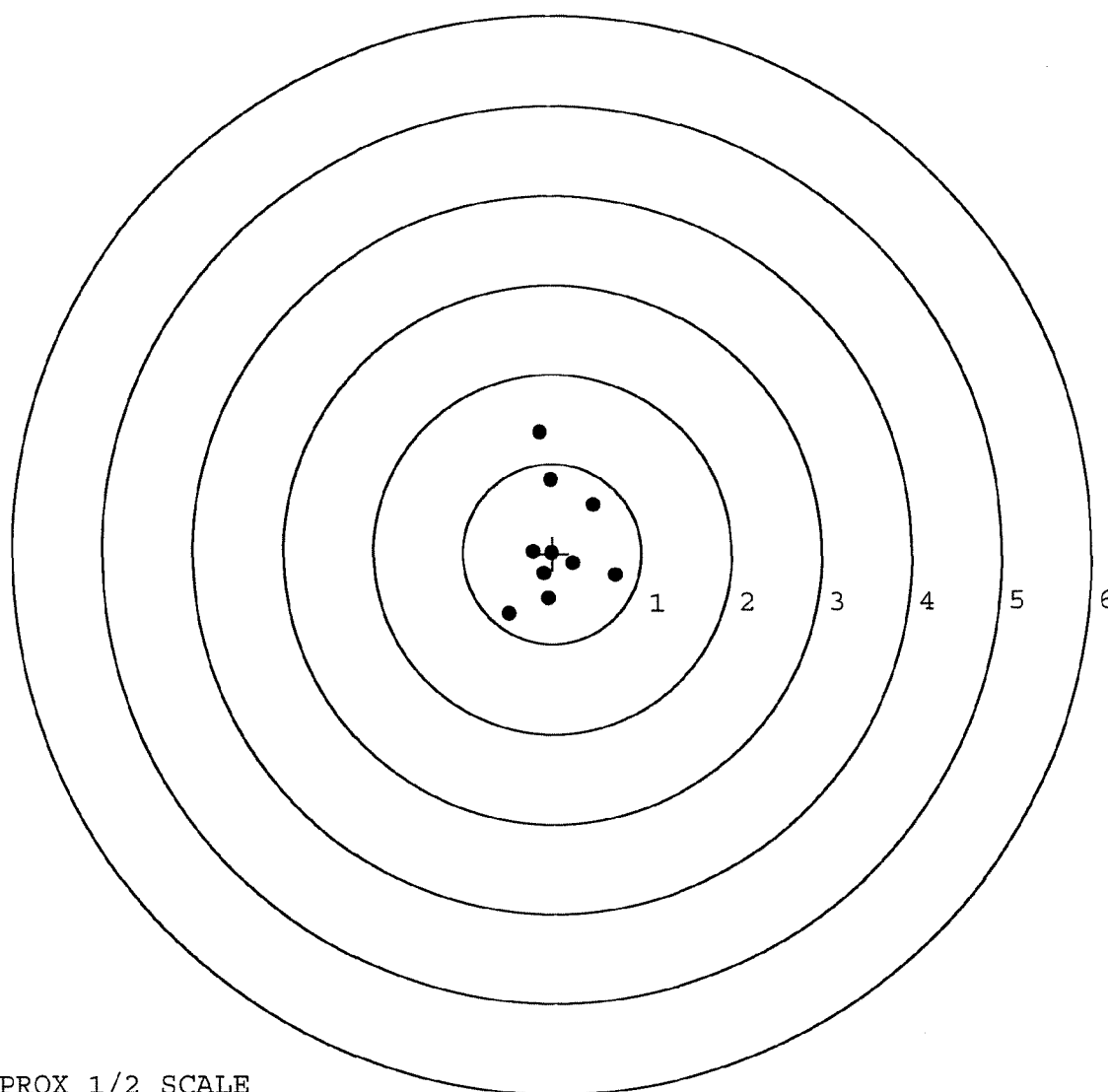


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6590222. __1
TARGET NUMBER: 2
FILE DATE: 04/24/2009
FILE TIME: 05:17

X CENTROID: 0.034
Y CENTROID: 0.099
POA TO CENTROID: 0.105
HORZ SPREAD: 1.203
VERT SPREAD: 2.017
GROUP SPREAD: 2.049
MIN RADIUS: 0.102
MAX RADIUS: 1.261
MEAN RADIUS: 0.592
IN 1 IN DIAMETER: 4
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.135	1.349
2:	-0.014	0.823
3:	0.464	0.544
4:	0.705	-0.245
5:	-0.498	-0.668
6:	-0.059	-0.505
7:	0.226	-0.112
8:	-0.102	-0.226
9:	-0.226	0.021
10:	-0.016	0.011



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6590222. __1

TARGET NUMBER: 3

FILE DATE: 04/24/2009

FILE TIME: 05:17

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

1:	-0.253	0.773
----	--------	-------

2:	0.435	0.980
----	-------	-------

3:	-0.670	-0.068
----	--------	--------

4:	-0.435	0.100
----	--------	-------

5:	-0.300	0.270
----	--------	-------

6:	0.122	0.242
----	-------	-------

7:	0.027	-0.166
----	-------	--------

8:	0.092	-0.482
----	-------	--------

9:	0.448	-0.349
----	-------	--------

10:	0.898	-0.090
-----	-------	--------

X CENTROID: 0.036

Y CENTROID: 0.121

POA TO CENTROID: 0.126

HORZ SPREAD: 1.568

VERT SPREAD: 1.462

GROUP SPREAD: 1.523

MIN RADIUS: 0.148

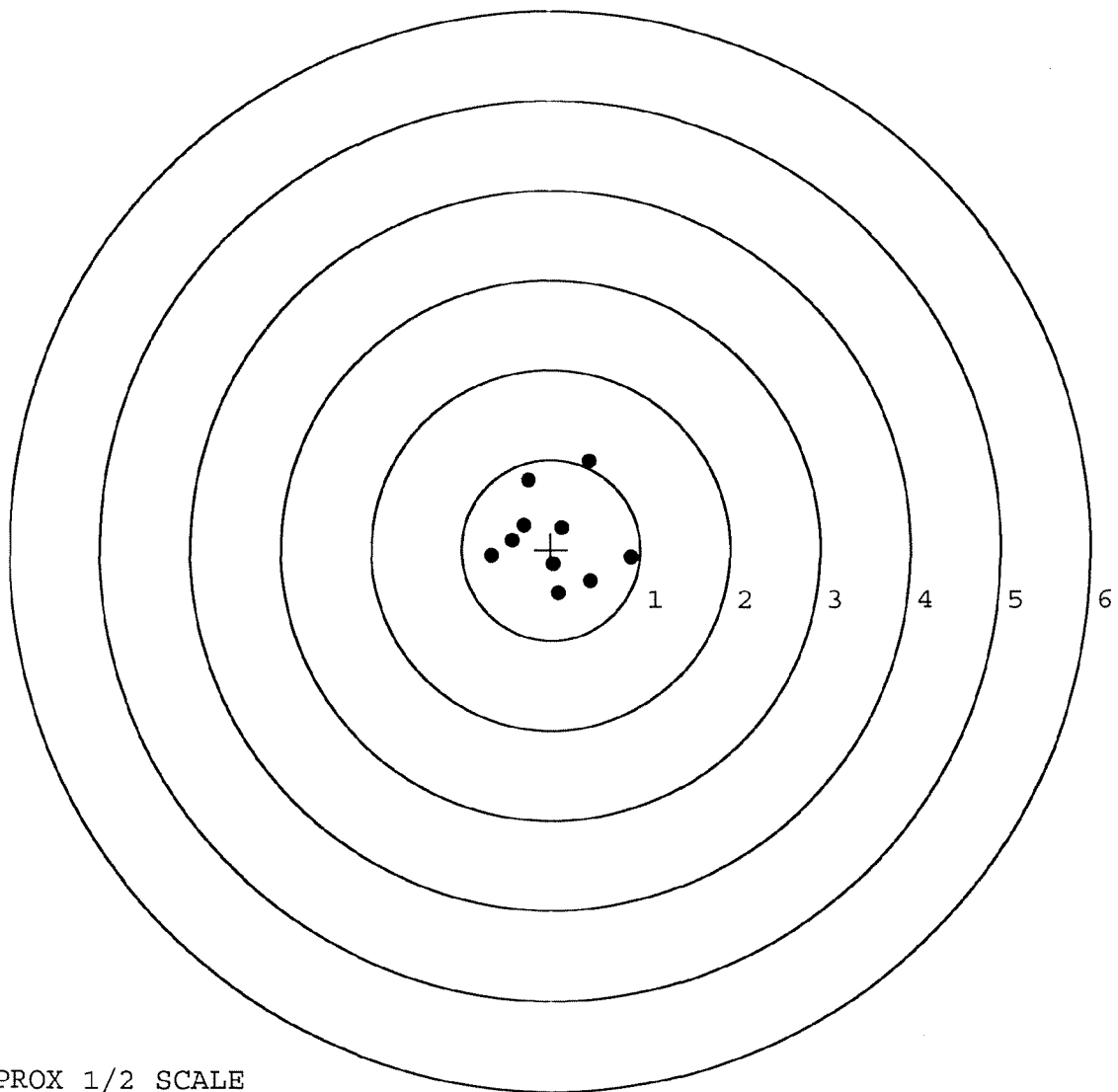
MAX RADIUS: 0.947

MEAN RADIUS: 0.578

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10

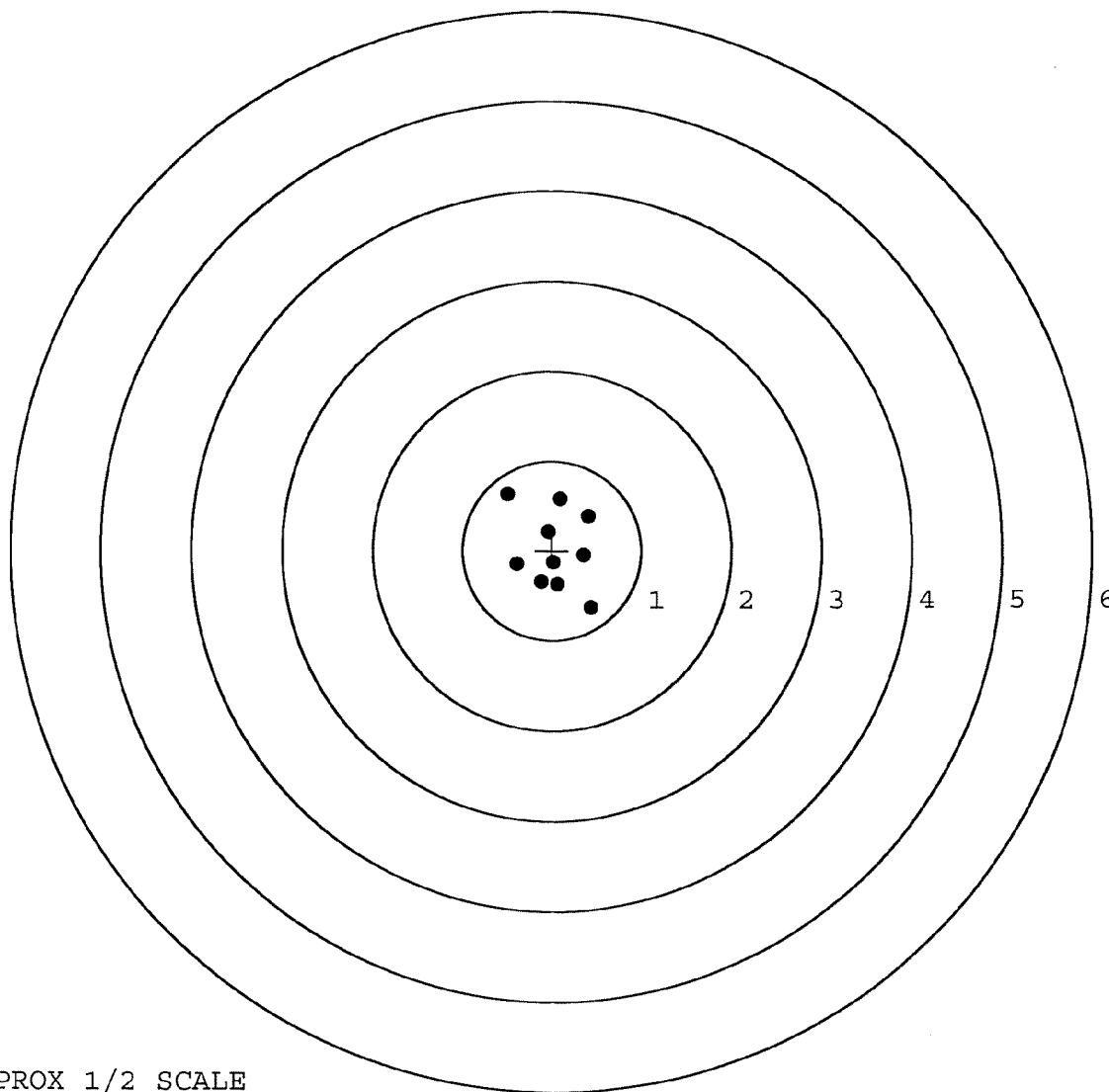


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6590222. __1
TARGET NUMBER: 4
FILE DATE: 04/24/2009
FILE TIME: 05:17

X CENTROID: 0.033
Y CENTROID: 0.007
POA TO CENTROID: 0.034
HORZ SPREAD: 0.934
VERT SPREAD: 1.272
GROUP SPREAD: 1.578
MIN RADIUS: 0.144
MAX RADIUS: 0.816
MEAN RADIUS: 0.463
IN 1 IN DIAMETER: 6
IN 2 IN DIAMETER: 10
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.495	0.629
2:	0.099	0.580
3:	0.408	0.382
4:	0.439	-0.643
5:	-0.396	-0.157
6:	-0.123	-0.356
7:	0.062	-0.381
8:	-0.042	0.211
9:	0.360	-0.060
10:	0.019	-0.136



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6590222. 1

TARGET NUMBER: 5

FILE DATE: 04/24/2009

FILE TIME: 05:17

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

1:	-1.051	-1.047
----	--------	--------

2:	-0.308	-1.495
----	--------	--------

3:	0.135	-0.999
----	-------	--------

4:	-0.021	-0.926
----	--------	--------

5:	-0.850	1.795
----	--------	-------

6:	-0.436	0.835
----	--------	-------

7:	-0.422	0.592
----	--------	-------

8:	-0.284	0.159
----	--------	-------

9:	0.002	0.200
----	-------	-------

10:	0.048	-0.050
-----	-------	--------

X CENTROID: -0.319

Y CENTROID: -0.094

POA TO CENTROID: 0.332

HORZ SPREAD: 1.186

VERT SPREAD: 3.290

GROUP SPREAD: 3.334

MIN RADIUS: 0.255

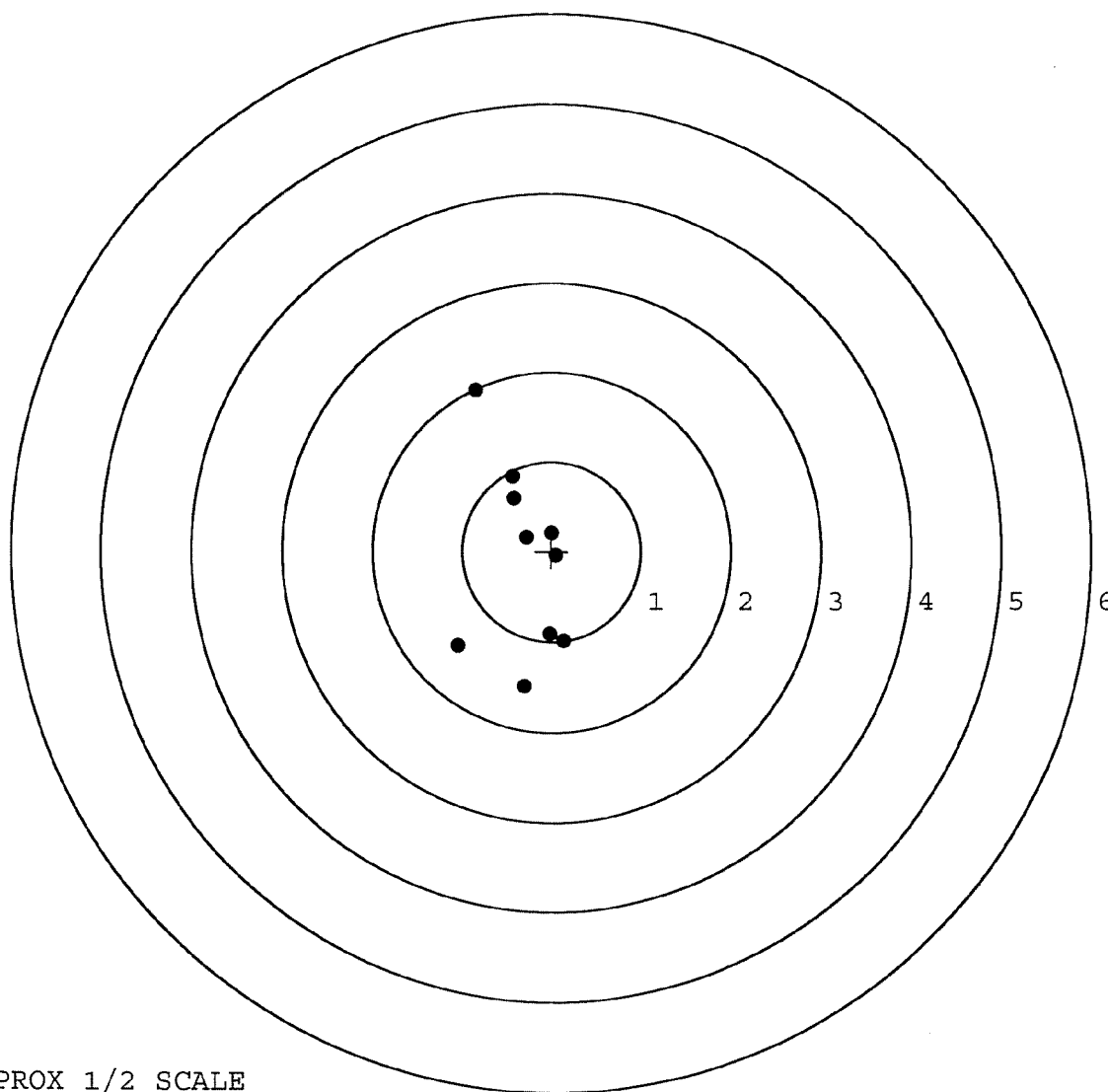
MAX RADIUS: 1.962

MEAN RADIUS: 0.915

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 6

IN 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

Repair Inquiry

Repair Number: RE00126841

Serial: C6225446 Model M24 SWS Center Fire
Produced: 06/21/1989

Repairman:

Status:

New 3/16/2007 3:04:10 PM

Verify Repair

Address Information

Customer:	☒ Received From	Return To:	☐ Received From
Name:	ISSD ARMS ROOM		
Address 1:	8TH AND DESERT STORM		
Address 2:	BLDG 5210 BAY DOOR #30 PO Box:		
City:	FORT CAMPBELL		
State:	KY	Zip Code:	42223 Country:

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
A017	Scope Base	1
A026	Scope	1
A057	Fit and Rear Sgt Base	2

Repair Search

Refresh

Close

naglej

3/19/2007

8:50 AM

CAPS

NUM

INS

SCRL

start

2 Micros...

Part Sear...

2 Micros...

5 Intern...

Arms Ser...

8:50 AM

G6590222 (New)

Serial Number: **C6225446**

Model: M24 SWS



RE00126841

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 WAC&T.O	1b. CUSTOMER UNIT NAME HHC 21502	1c. PHONE NO		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 F. CO 526			
SECTION III - EQUIPMENT DATA							
5. TYPE MNT REQ CODE _____	6. ID _____	7. NSN 1.005 P. 1249 2136		15a. FAILURE DETECTED DURING/WHEN DISCOVERED CODE (Enter code) See DA Pamphlets 738-750 and 738-751			
8. MODEL M24				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 _____ H _____ R _____	
9. NOUN RIFLE 7.76MM SNIPPER							
10a. ORG WON/DOC NO _____		10b. EIC _____					
11. SERIAL NUMBER 66235446		12. QTY 1001	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) EXCEEDED ROUND COUNT							
25. REMARKS 							
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 Victor K. N...	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 07067	35b. STATUS _____	35d. TIME _____					

DA FORM 2407, JUL 94

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

RECEIPT COPY 1

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

R & E NUMBER	126841		G6590222 (New)	
SERIAL NUMBER	C6225446			
LOG-IN DATE	3-16-07			
OPERATION #	OPERATION NAME		DATE	INITIAL
500	DIS-ASSEMBLE GUN		3-28-07	RTZ
505	RE-BARREL		4-3-07	RTZ
560	ASSEMBLE		4-3-07	RTZ
600	PROOF		4-3-07	TRW
605	CHECK HEADSPACE	INSPECTED	4-3-07	TRW
610	DIS-ASSEMBLE GUN	APR 05 2007	4-4-07	RTZ
612	MAGNAFLUX	OPERATOR <u>CPD</u>	4-4-07	APD
510	DRILL AND TAP		4-4-07	TRW
615	ROLLMARK CALIBER		4-5-07	CW
618	ROTO-BLAST		4-5-07	LB
620	APPLY COATINGS		4/9/07	RB
625	FINAL ASSEMBLY		4-12-07	RTZ
640	FUNCTION TEST AND	<u>PASS</u> FAIL	4/12/07	non
650	TARGET	<u>PASS</u> FAIL	4/12/07	non
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
670	FINAL INSPECTION		4/12/07	non
	A) HEADSPACE	<u>PASS</u> FAIL	4/19/07	non
	B) TRIGGER PULL	+/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	2.42 2.40 2.42 2.31 2.30 4/19/07	non
680	F) SAFETY ON FORCE	2 LBS MIN 10 LBS MAX	5.0 4.0 4.0 4/19/07	non
	G) SAFETY OFF FORCE	2 LBS MIN	2.25 2.0 2.0 4/19/07	non
	I) FIRING PIN INDENT	.020	.021 .020 .022 4/19/07	non
690	PACK		4/24/07	CA

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6590222.___0

FILE DATE AND TIME: 04/12/2007 23:52

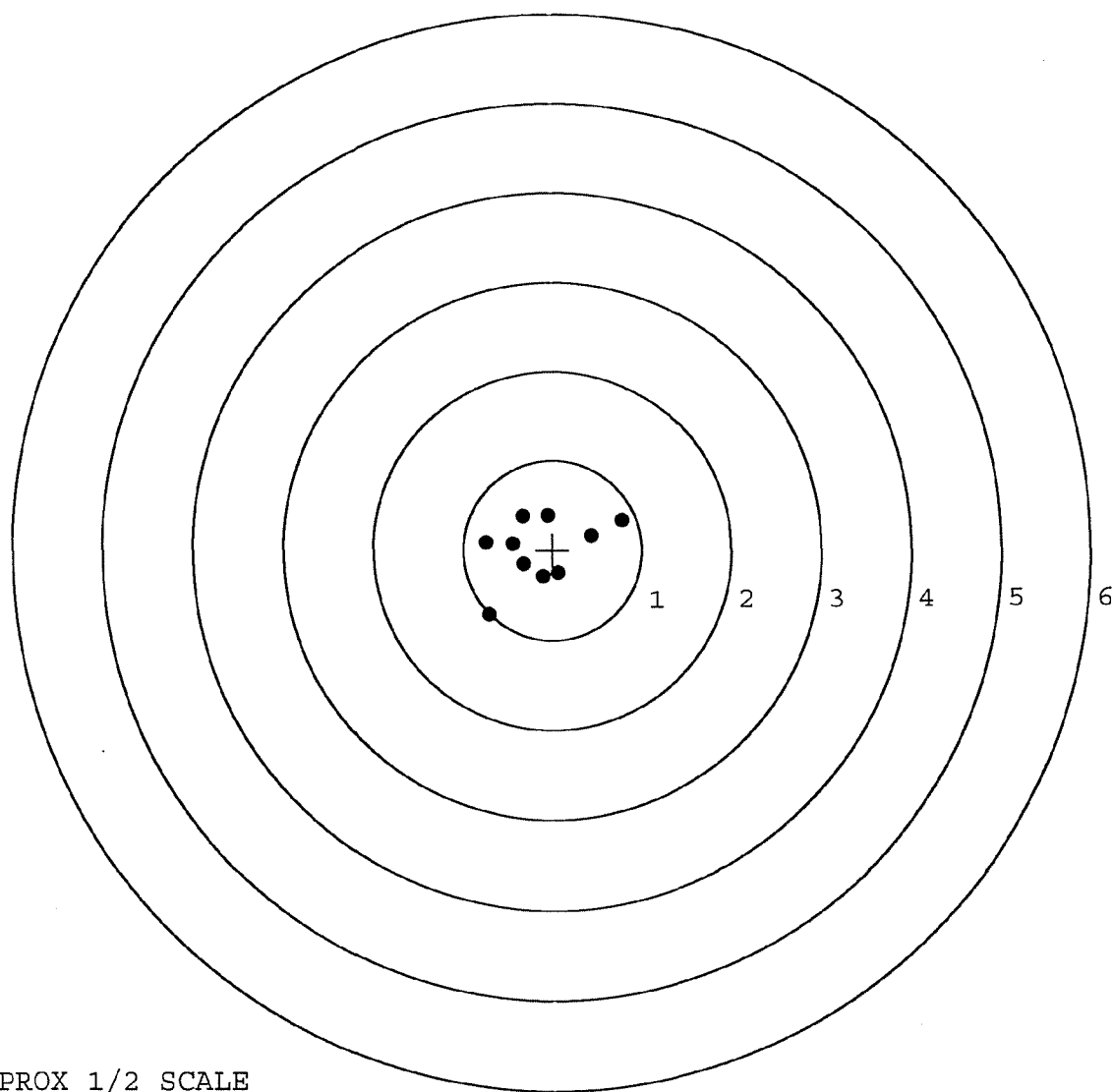
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.056
The Average Y Centroid of the Five Target Set:	0.100
The Average Point of Impact of the Five Target Set:	0.114
The Average Mean Radius of the Five Target Set:	0.663
The Distance from POA to Centroid Target #1:	0.143
The Distance from Centroid Target #2 to Centroid Target #1:	0.190
The Distance from Centroid Target #3 to Centroid Target #1:	0.313
The Distance from Centroid Target #4 to Centroid Target #1:	0.080
The Distance from Centroid Target #5 to Centroid Target #1:	0.170

SERIAL NUMBER: G6590222.___0
TARGET NUMBER: 1
FILE DATE: 04/12/2007
FILE TIME: 23:52

X CENTROID: -0.143
Y CENTROID: -0.003
POA TO CENTROID: 0.143
HORZ SPREAD: 1.539
VERT SPREAD: 1.107
GROUP SPREAD: 1.840
MIN RADIUS: 0.242
MAX RADIUS: 0.994
MEAN RADIUS: 0.513
IN 1 IN DIAMETER: 6
IN 2 IN DIAMETER: 10
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.331	0.379
2:	-0.053	0.385
3:	0.446	0.156
4:	0.793	0.333
5:	0.064	-0.257
6:	-0.113	-0.298
7:	-0.327	-0.159
8:	-0.444	0.070
9:	-0.746	0.084
10:	-0.715	-0.722

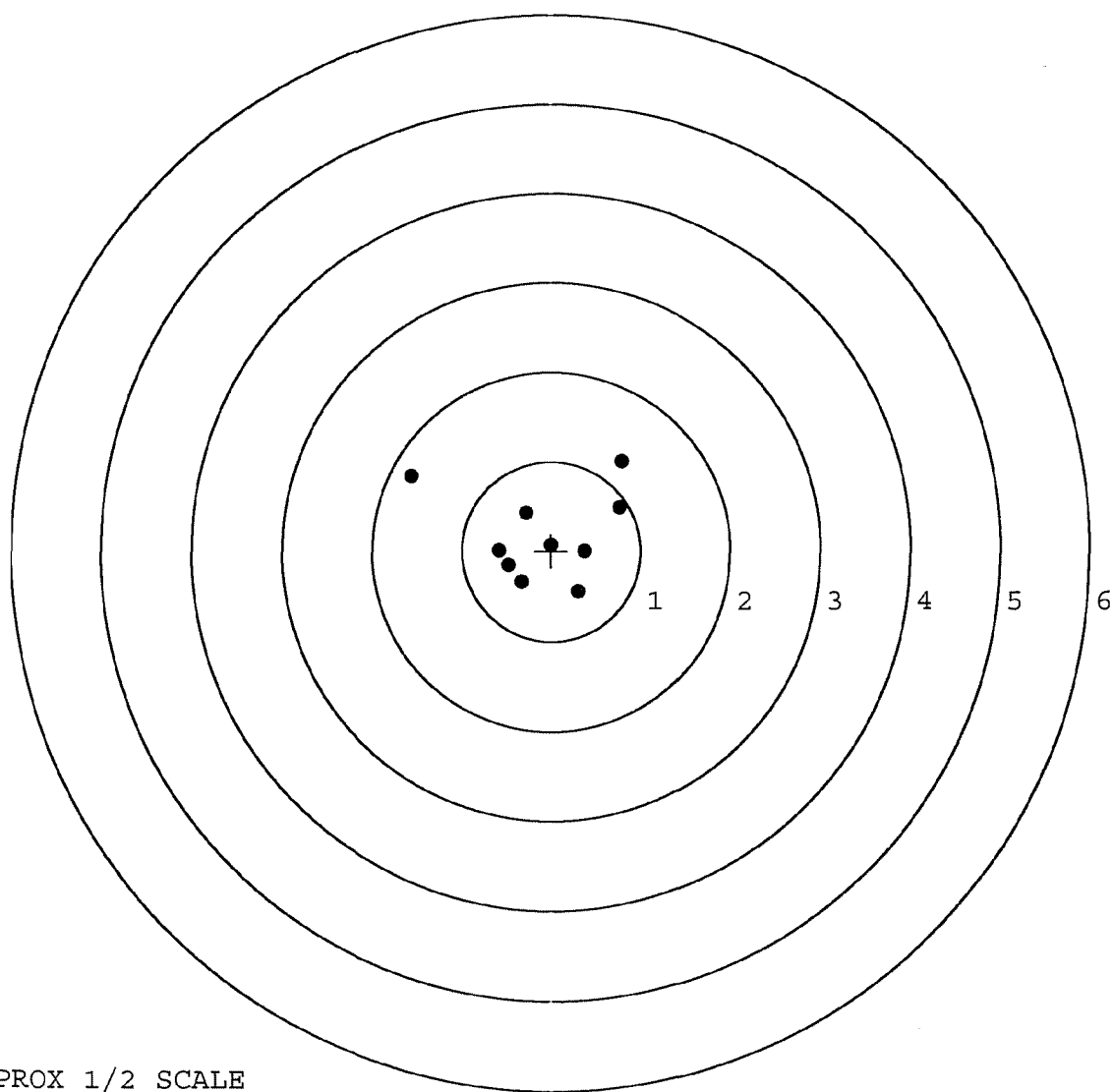


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6590222. __0
TARGET NUMBER: 2
FILE DATE: 04/12/2007
FILE TIME: 23:52

POINT#	X	Y
1:	-0.286	0.421
2:	-0.591	-0.001
3:	-0.327	-0.350
4:	-1.560	0.839
5:	0.004	0.065
6:	0.376	-0.012
7:	0.311	-0.459
8:	0.773	0.481
9:	0.800	1.003
10:	-0.476	-0.166

X CENTROID: -0.098
Y CENTROID: 0.182
POA TO CENTROID: 0.207
HORZ SPREAD: 2.360
VERT SPREAD: 1.462
GROUP SPREAD: 2.366
MIN RADIUS: 0.155
MAX RADIUS: 1.603
MEAN RADIUS: 0.709
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 9

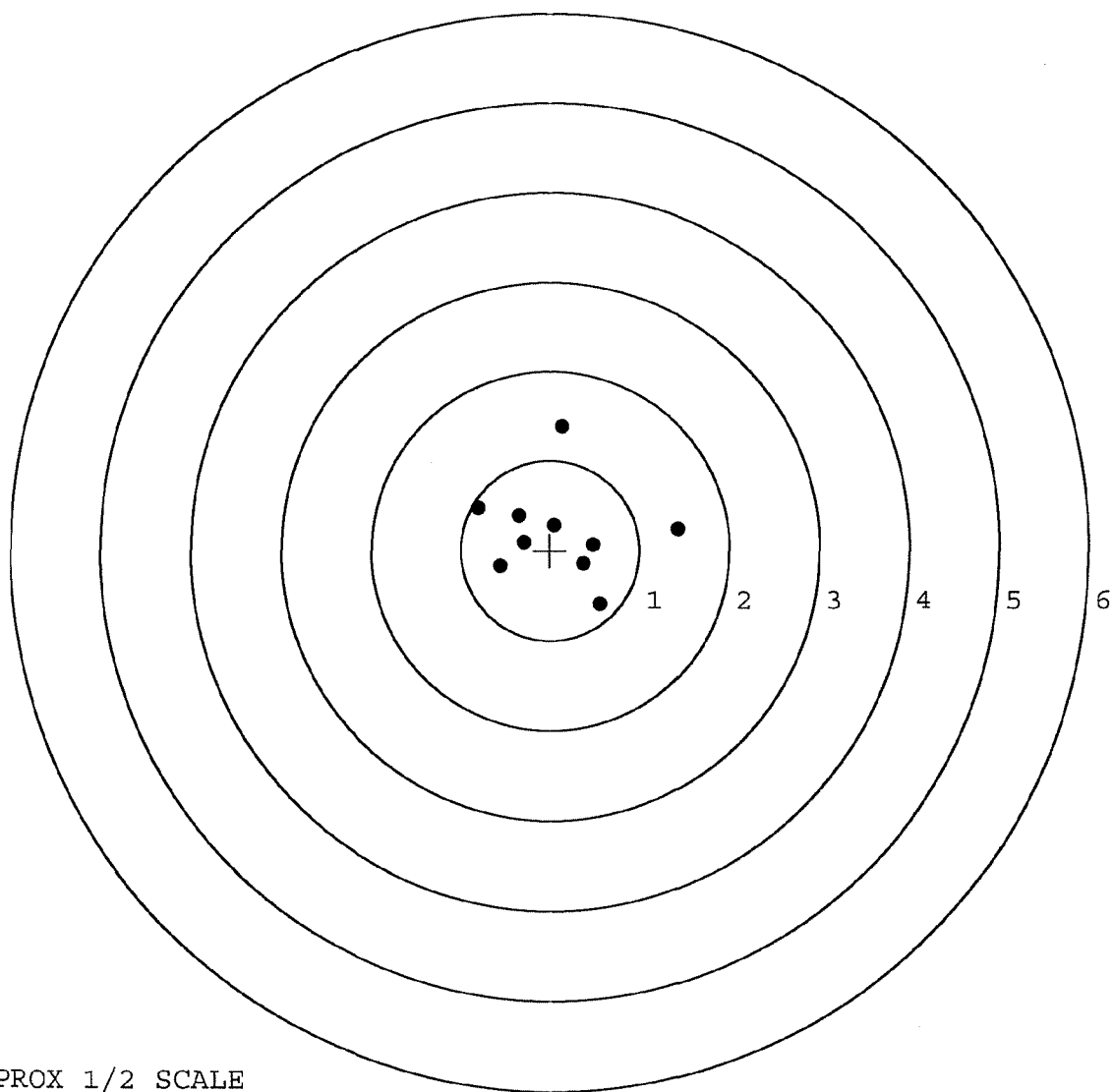


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6590222. __0
TARGET NUMBER: 3
FILE DATE: 04/12/2007
FILE TIME: 23:52

POINT#	X	Y
1:	-0.811	0.468
2:	-0.359	0.382
3:	-0.303	0.090
4:	-0.561	-0.178
5:	0.043	0.276
6:	0.376	-0.148
7:	0.476	0.064
8:	0.564	-0.603
9:	1.424	0.243
10:	0.134	1.376

X CENTROID: 0.098
Y CENTROID: 0.197
POA TO CENTROID: 0.220
HORZ SPREAD: 2.235
VERT SPREAD: 1.979
GROUP SPREAD: 2.246
MIN RADIUS: 0.096
MAX RADIUS: 1.326
MEAN RADIUS: 0.699
IN 1 IN DIAMETER: 5
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 10

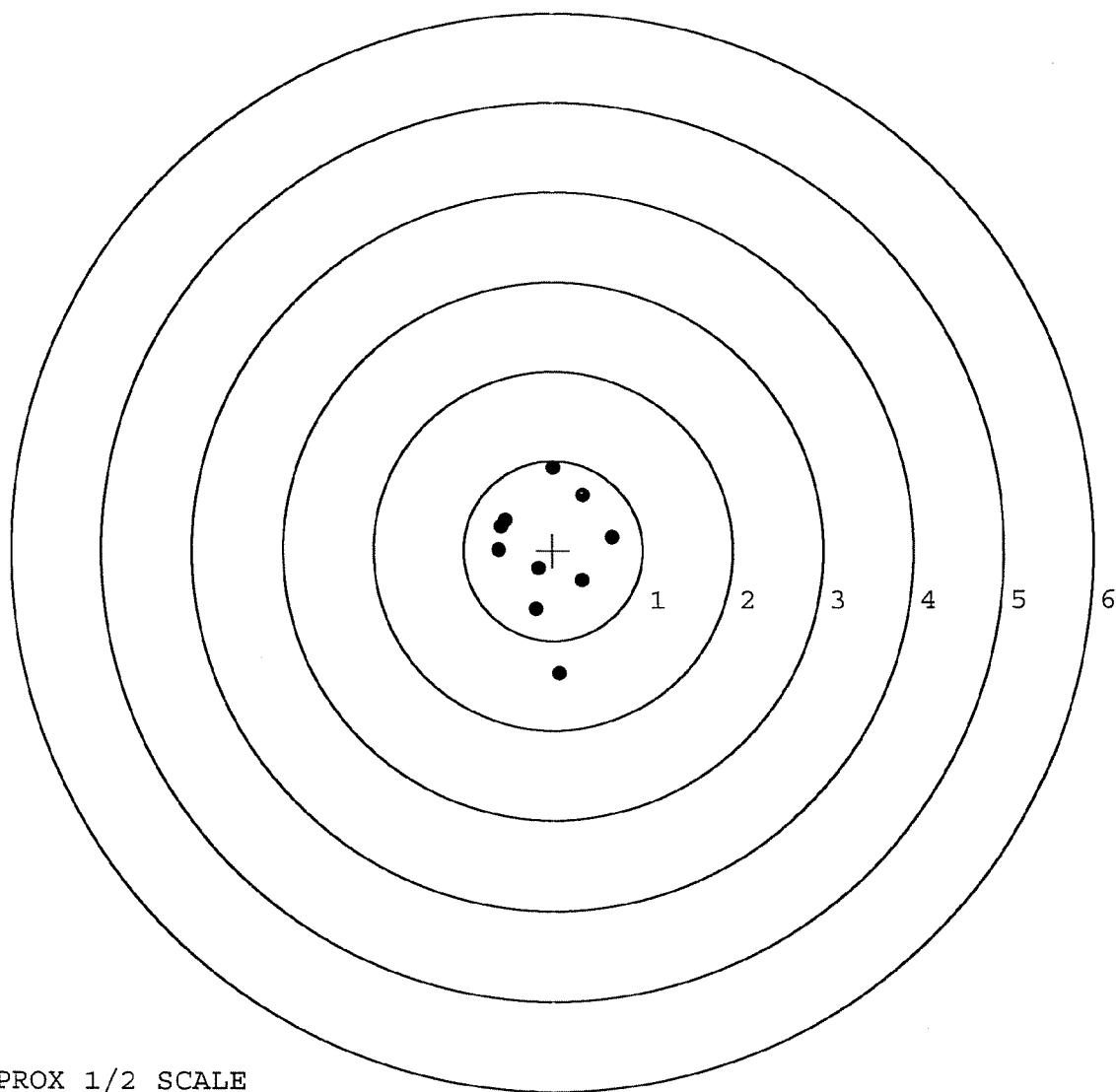


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6590222. __0
TARGET NUMBER: 4
FILE DATE: 04/12/2007
FILE TIME: 23:52

X CENTROID: -0.067
Y CENTROID: -0.029
POA TO CENTROID: 0.073
HORZ SPREAD: 1.273
VERT SPREAD: 2.296
GROUP SPREAD: 2.297
MIN RADIUS: 0.196
MAX RADIUS: 1.352
MEAN RADIUS: 0.689
IN 1 IN DIAMETER: 1
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.537	0.335
2:	-0.586	0.261
3:	-0.607	-0.004
4:	-0.161	-0.201
5:	-0.190	-0.658
6:	0.331	-0.335
7:	0.666	0.143
8:	0.336	0.619
9:	0.002	0.923
10:	0.079	-1.373

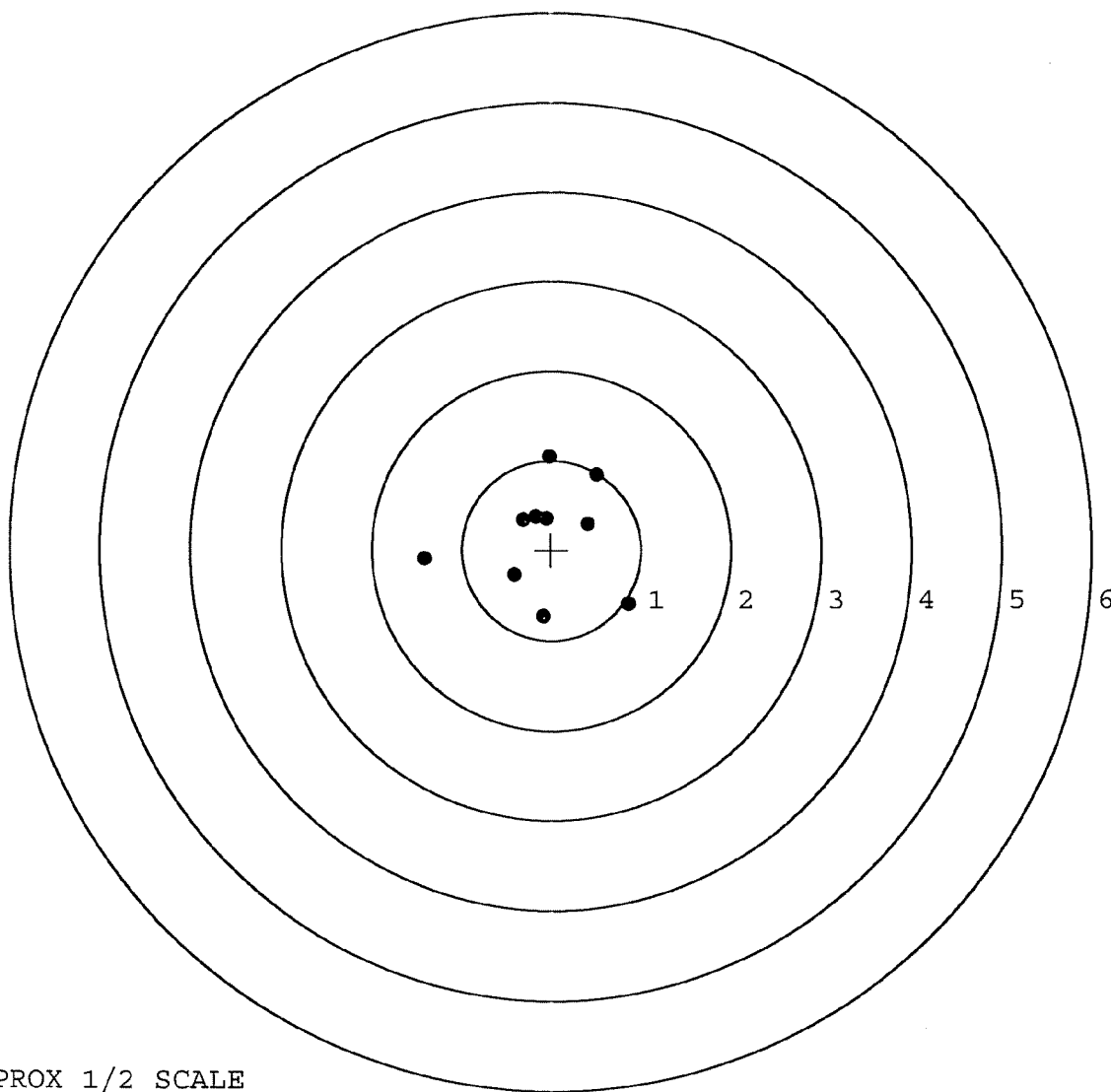


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6590222. 0
TARGET NUMBER: 5
FILE DATE: 04/12/2007
FILE TIME: 23:52

X CENTROID: -0.071
Y CENTROID: 0.151
POA TO CENTROID: 0.167
HORZ SPREAD: 2.279
VERT SPREAD: 1.782
GROUP SPREAD: 2.332
MIN RADIUS: 0.203
MAX RADIUS: 1.368
MEAN RADIUS: 0.707
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.026	1.042
2:	-0.054	0.353
3:	0.412	0.291
4:	0.512	0.842
5:	-0.319	0.337
6:	0.864	-0.600
7:	-0.089	-0.740
8:	-0.418	-0.281
9:	-1.415	-0.106
10:	-0.178	0.372



TARGET APPROX 1/2 SCALE

RECEIVING AND ESTIMATING REPORT

COMMENTS

ORDER
R 99-16331

INITIAL CUSTOMER ORDER NO.

WOG 2 OF 4

SWS

DATE RECEIVED	DATE OPENED	DATE CODE	SERIAL NUMBER	NEW SERIAL NUMBER	MODEL AND GRADE
08/20/99	08/24/99	LJ 2/89	C6225446		700 7.62NAT M24 SWS
ACCESSORIES W/STUDS HARD CASE SCOPE BASE W/ADJ BUTT PLATE					

FROM:

SHIP TO:

COMMANDER
101ST ABN DIV (AASLT)
ATTN: AFZB-DL-S-P-S
FORT CAMPBELL

KY 42223

COMMANDER
101ST ABN DIV (AASLT)
ATTN: AFZB-DL-S-P-S
FORT CAMPBELL

KY

42223

CUST NO: 061543 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

COMMENTS

BBL 96003
Stock 96018
Front Sight Base 96011

REPAIRMAN

PROOF

CLEAN

TEST

TARGET

PATTERN

GALLERY TESTER

DATE

DATE

DATE

DATE

DATE

OFFICE COPY

RD5925 REV. 7/97

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

M2400166989

Doc PFC Addicks
798-3314

DATE: 19990802

MAINTENANCE REQUEST

DA FORM 5990-E

----- CUSTOMER DATA -----
UIC: WACQAA 2/502 INF PHONE: (502) 798-2433
UTIL CODE: 0

----- ACTIVITY DATA -----
SUP WON: 2688 B CO 526TH FSB PHONE: 798-2871
SUP UIC: WFJ3B0 SHOP SEC: A

----- EQUIPMENT DATA -----

TYPE MNT REQ: 1 ID: A NSN: 1005012402136 MODEL: M24
NOUN: RIFLE, 7.62 SER NUM: C6225446 QTY: 00001

ORG WON: ACQAA1929624 PRIORITY: 02 FAILURE DETECTED: F

MI/KM: ----- HOURS: ----- ROUNDS:

IN WARRANTY: LEVEL OF WORK: F ADMIN NUM:

DEFICIENCY: DUE FOR RD SERVICE

PD AUTHENTICATING SIGNATURE: [Signature]

----- SIGNATURE DATA -----

SUBMITTED BY: [Signature] ORD DATE: 99215 MIL TIME: _____

ACCEPTED BY: 053 STATUS: A ORD DATE: 99215 MIL TIME: _____

----- ACTION DATA -----

WORK STARTED BY: 053 STATUS: B ORD DATE: _____ MIL TIME: _____

INSPECTED BY: 053 STATUS: R ORD DATE: _____ MIL TIME: _____

PICKED UP BY: [Signature] STATUS: L ORD DATE: _____ MIL TIME: _____

----- COMPLETION DATA -----

QTY RPR: _____ QTY CONDEMNED: _____ NRTS: _____

EVAC WON: _____ EVAC UNIT NAME: _____

IAW AR 725-50, code:
Inspected by B Co 526th FSB
Ins: [Signature] INSR # 053

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

DA FORM 2404
1 APR 79

Replaces edition of 1 Jan 64, which will be used

21 DAY TURN - AROUND

M-24

CONTRACT # DAAA09-92-C-0834

R&E NO.

SERIAL NO. C6225446

LOG IN DATE: / /		DATE	INIT.
INSPECT & VERIFY:		8-24-99	RW
OP. #	OP. NAME		
550	DIS-ASSEMBLE GUN	8-24-99	RW
560 A	RE-BARREL AT CUSTOM SHOP		
B	DRILL & TAP		
C	POLISH		
575	ASSEMBLE		
600	PROOF	10-20-99	RW
605	CHECK HEADSPACE	10-20-99	RW
610	DIS-ASSEMBLE		
612	MAGNAFLUX	10-21-99	RW
615	ROLLMARK CALIBER		
618	ROTO-BLAST		
620	APPLY COATINGS		
625 A	FINAL ASSEMBLY	11-18-99	RW
B	TRIGGER PULL TEST		
C	SAFETY ON FORCE		
D	SAFETY OFF FORCE		
E	FIRING PIN INDENT		
640	TARGET	11-23-99	RW
655	FINAL INSPECT	12-7-99	RW
660	PACK		

QAR INSPECTION

SHIP DATE

Final Inspection

S.N. C6225446

DATE REC'D: 8-20-99

DATE RET'D:

AUDITOR:

RW

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:

Remington Test Lab, Ilion, N.Y.

Centroidal distance calculations for Rifle # c6225446
6 Dec 1999

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .2604
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0768
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .271489

THE AMR FOR THIS RIFLE IS: 1.145

CENTROIDAL DISTANCES

0 TO 1	.706116
1 TO 2	.833838
1 TO 3	.227985
1 TO 4	.837437
1 TO 5	.53521

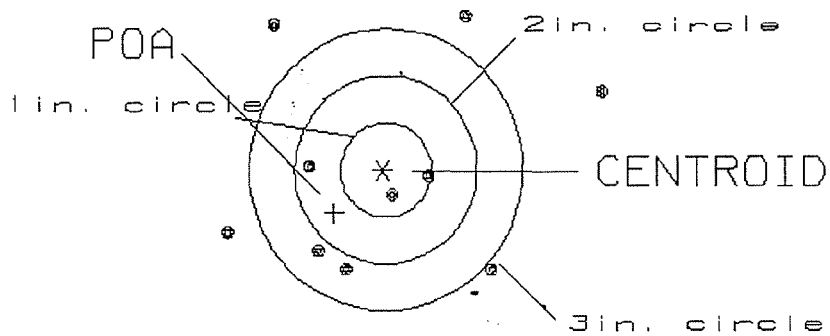
3 1
+ 5 <----POA
2 4

PATTERN #: ☐ 1 ☐
 POA TO CENTROID: .706
 MIN RADIUS : .253
 MEAN RADIUS : 1.363
 MAX RADIUS : 2.521
 CENTROID X : .534
 CENTROID Y : .462

23 Nov 1999

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6225446

CENTERFIRE PATTERN # 1



OF SHOTS= 10

IN CIRCLE

HS= 4.07
 VS= 2.76
 GS= 4.35

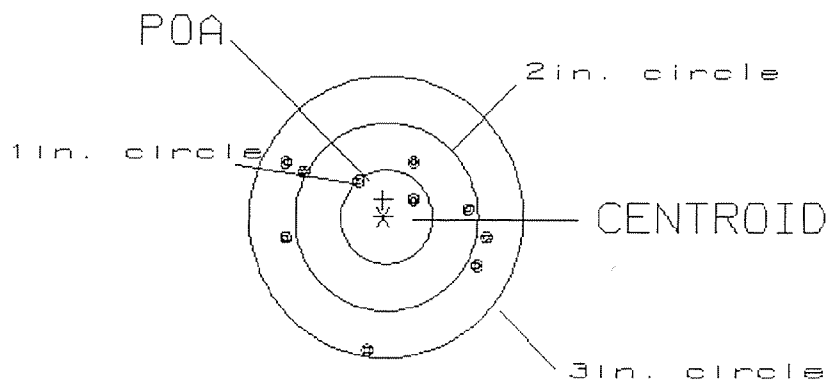
2
 3
 5

PATTERN #: - 2 -
 POA TO CENTROID: .185
 MIN RADIUS : .381
 MEAN RADIUS : .946
 MAX RADIUS : 1.445
 CENTROID X : .008
 CENTROID Y : -.185

23 Nov 1999

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6225446

CENTERFIRE PATTERN # 2



OF SHOTS= 10

IN CIRCLE

HS= 2.19

2

VS= 2.05

4

GS= 2.39

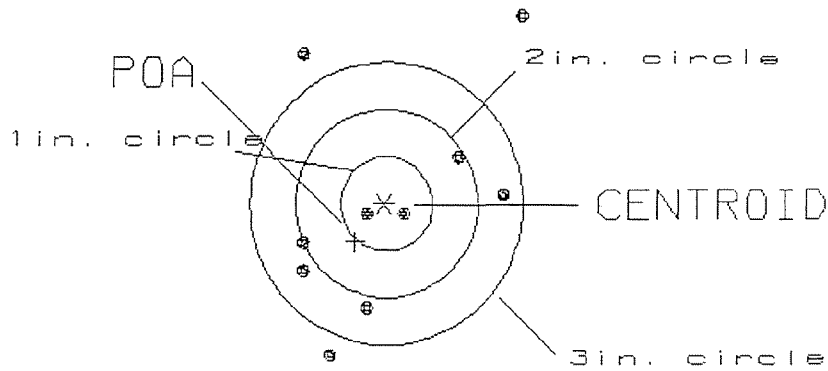
10

PATTERN #: ☐ 3 ☐
 POA TO CENTROID: .513
 MIN RADIUS : .231
 MEAN RADIUS : 1.207
 MAX RADIUS : 2.497
 CENTROID X : .313
 CENTROID Y : .406

23 Nov 1999

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6225446

CENTERFIRE PATTERN # 3



OF SHOTS= 10

IN CIRCLE

HS= 2.39
 VS= 3.68
 GS= 4.22

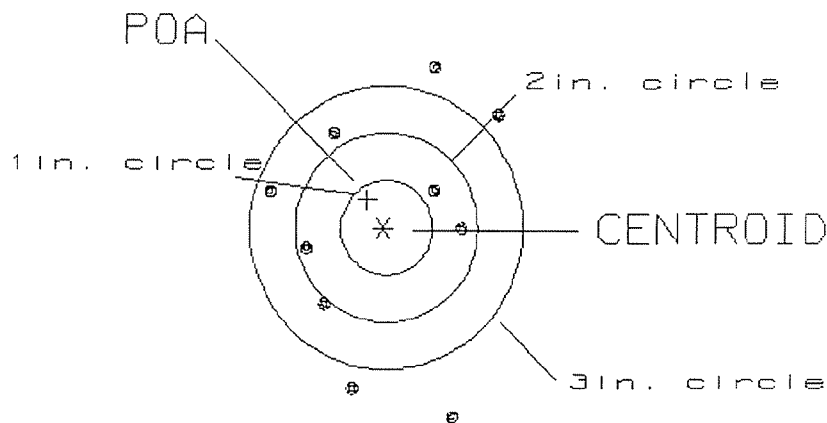
2
 4
 7

PATTERN #: - 4 -
 POA TO CENTROID: .346
 MIN RADIUS : .704
 MEAN RADIUS : 1.350
 MAX RADIUS : 2.150
 CENTROID X : .178
 CENTROID Y : -.296

23 Nov 1999

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6225446

CENTERFIRE PATTERN # 4



OF SHOTS= 10

IN CIRCLE

HS= 2.55

0

VS= 3.76

3

GS= 3.76

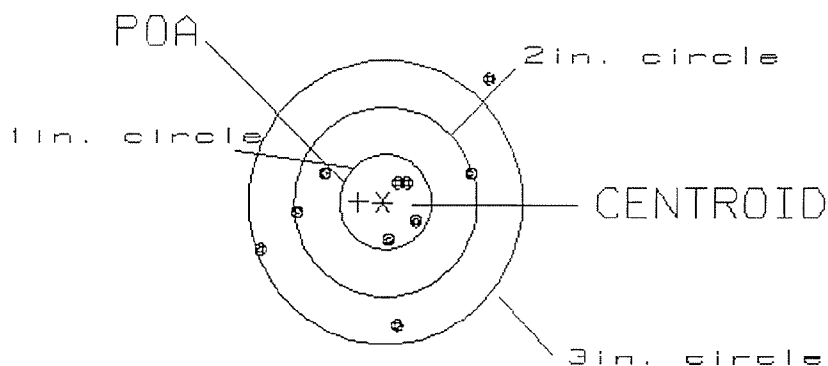
6

PATTERN #: ☐ 5 ☐
 POA TO CENTROID: .269
 MIN RADIUS : .265
 MEAN RADIUS : .859
 MAX RADIUS : 1.773
 CENTROID X : .269
 CENTROID Y : -.003

23 Nov 1999

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6225446

CENTERFIRE PATTERN # 5



OF SHOTS= 10

IN CIRCLE

HS= 2.53

4

VS= 2.60

6

GS= 3.13

9

Remington®



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

MODEL 700™ H24

SERIAL NO.
C6225446

ORDER NO.
5716

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

Ø1



5716 C6225446

UPC



0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6225446

OP. #	OP. NAME	READINGS	DATE	INITIAL
575 & 580	Assemble Action and Stock	1 25	89	RW
600	Proof	1 25	89	RW
607	Check Headspace	1 25	89	RW
610	Dis-assemble Gun	1 25	89	RW
612	Magnaflux Barrel Action		1-27-89	PK.
	Magnaflux Bolt		1-27-89	KCR
615	Rollmark Caliber		1-27-89	JS
617	Drill and Tap Sight Holes	2 1	89	FB
618	Polish Barrel	2 1	89	BT
620	Apply Coatings (Barrel Action)		2-10-89	JS
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		3/30/89	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		3/30/89	RW
	C) Inspect Ejector Hole for Chamfer		3/30/89	RW
	D) Oil Firing Pin Ass'y		3/30/89	RW
	E) Adjust Trigger Pull to Min Setting and Stake		3/11/89	JS

op. #	OP. NAME	READINGS					DATE	INITIAL
625 cont.	F) Safety On Force	5	5	5			3 April 89	JS
	G) Safety Off Force	3	3	3			3 April 89	JS
	H) Trigger Pull Test & Retainability						3/10/89	JS
	I) Firing Pin Indent	.020	.020	.020			3 April 89	JS
	J) Assemble Stock						4/3/89	RW
	K) Assemble Swivel Studs						12 April 89	JS
	L) Attach Front and Rear Sight Assemblies						4/3/89	RW
	M) Iron Sight Alignment						4/3/89	RW
	N) Detach Front & Rear Sights & place in numbered container						4/3/89	RW
	O) Attach Scope to Rifle						4/5/89	JS
	P) Detach & Attach Scope 20 Times						4/5/89	JS
640	Gallery Target & Test	LIVE FIRE					4-7-89	AC
	A) Time						"	AC
	B) Malfunctions				NONE		"	AC
	C) Pierced Primers				NONE		"	AC
	D) Optical Clarity of Scope				OK		"	AC
645	Inspect for Live Ammo				NONE		4-7-89	AC
655	Final Inspection						12 April 89	JS
	A) Headspace						12 April 89	JS
	B) Trigger Pull	2.51	2.38	2.47	2.40	2.52	12 April 89	JS
	C) Function						12 April 89	JS
660	Pack						12 April 89	JS

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50#+.50#
3.00#+.75#
4.00#+1.00#

SERIAL NO. C6225446

DATE 4-4-90

TESTER JG

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.30	2.38		2.56	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.38	2.40		2.35	
PULL #3	2.37	2.39		2.41	
PULL #4	2.39	2.39		2.42	
PULL #5	2.47	2.28		2.46	
TOTAL	11.91	11.84		12.20	
AVG.	2.382	2.368		2.44	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.44	3.56		
PULL #2	3.60	3.65		
PULL #3	3.56	3.56		
PULL #4	3.57	3.44		
PULL #5	3.52	3.39		
TOTAL	17.69	17.50		
AVG.	3.534	3.5		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.26	4.21		
PULL #2	4.27	4.17		
PULL #3	4.30	4.26		
PULL #4	4.24	4.23		
PULL #5	4.28	4.31		
TOTAL	21.35	21.18		
AVG.	4.27	4.236		

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06225446
10 Apr 1989

CENTROIDAL DISTANCES

0 TO	1	.263424
1 TO	2	.578132
1 TO	3	.295203
1 TO	4	.495331
1 TO	5	.508497

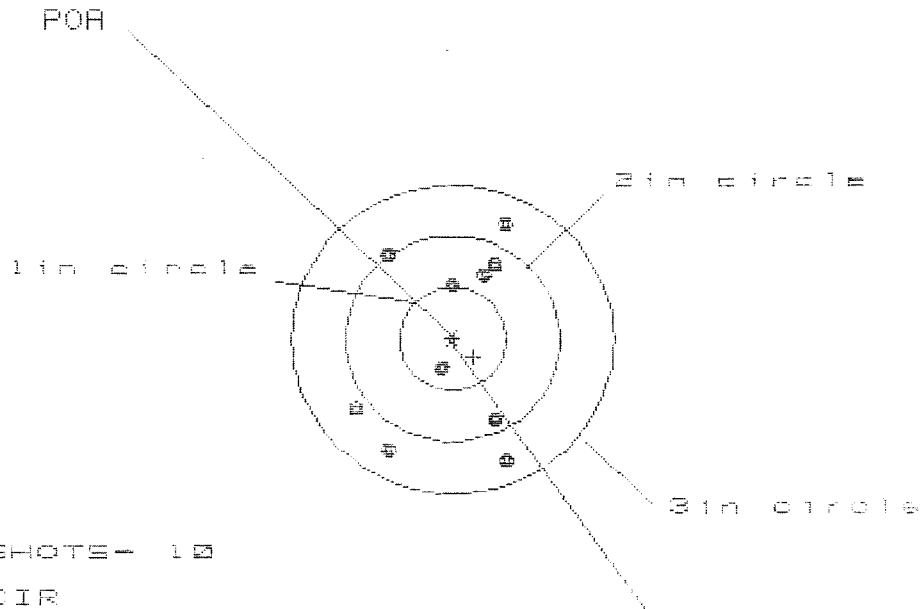
$\frac{1}{3.52}$ (----POB

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0564
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.1328
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .14428
THE AMR FOR THIS RIFLE IS: 1.062

10 Apr 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C6225446

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1in - 1

2in - 5

3in - 10

HS= 1.392

VS= 2.322

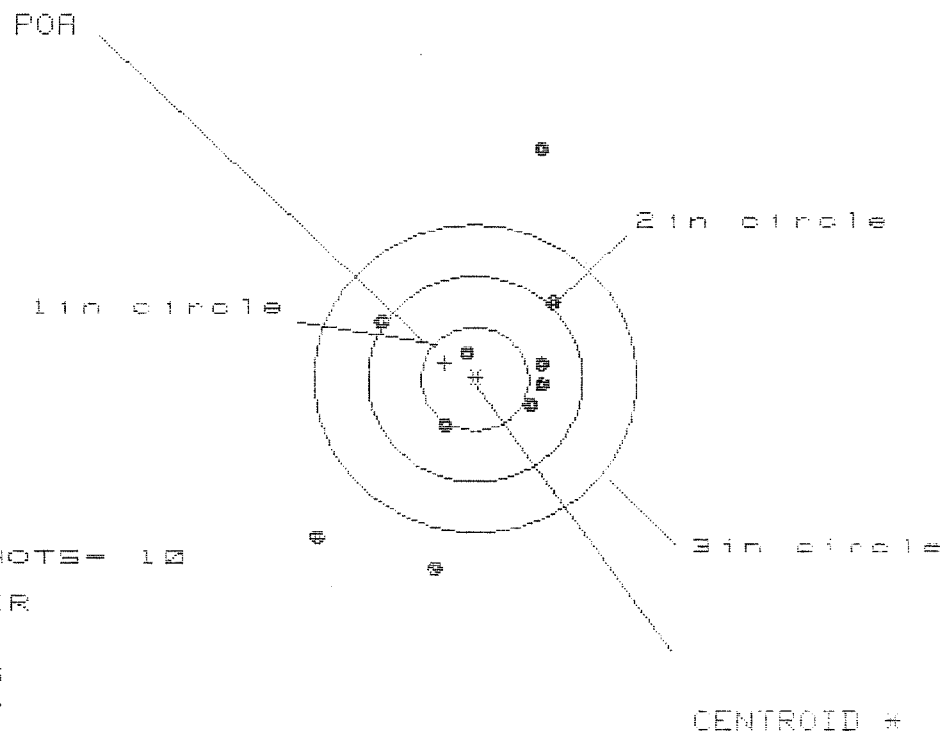
GS= 2.469

PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.530	.585	.573
MINIMUM X	:	-.862	-.807	-.734
MAXIMUM Y	:	1.145	1.014	.846
MINIMUM Y	:	-1.177	-1.188	-1.061
CENTROID X	:	-.196	-.251	-.324
CENTROID Y	:	.176	.307	.180
POB TO CENTROID in.	:	.264	.397	.371
MIN RADIUS	:	.300	.414	.284
MEAN RADIUS	:	.911	.856	.810
MAX RADIUS	:	1.277	1.302	1.156
HORIZONTAL SPREAD	:	1.392	1.392	1.306
VERTICAL SPREAD	:	2.322	2.202	1.907
EXTREME SPREAD	:	2.469	2.469	2.036
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		10	

10 Apr 1989

FILE:/PATTERNING/CENTERFIRE_PATT/06225446

CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1in = 1

2in = 5

3in = 7

HS= 2.181

VS= 4.131

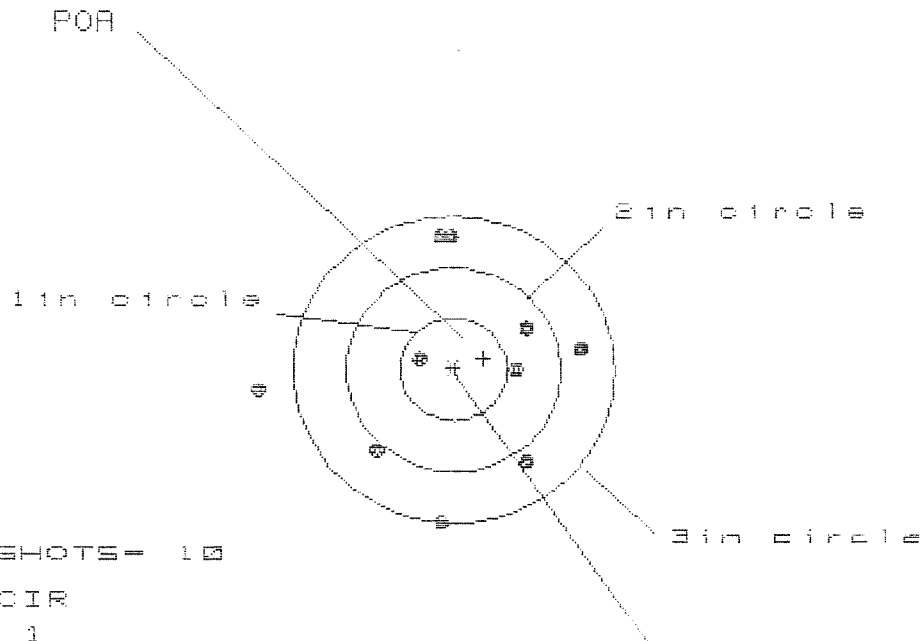
GS= 4.330

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.716	.786	.611
MINIMUM X	:	-1.465	-1.395	-1.029
MAXIMUM Y	:	2.294	.993	.838
MINIMUM Y	:	-1.837	-1.582	-1.737
CENTROID X	:	.278	.208	.383
CENTROID Y	:	-.155	-.410	-.255
POA TO CENTROID in.	:	.318	.460	.460
MIN RADIUS	:	.266	.324	.392
MEAN RADIUS	:	1.108	.987	.815
MAX RADIUS	:	2.379	1.867	1.791
HORIZONTAL SPREAD	:	2.181	2.181	1.640
VERTICAL SPREAD	:	4.131	2.575	2.575
EXTREME SPREAD	:	4.330	3.122	2.780
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		7	

18 Apr 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C6225446

CENTERFIRE PATTERNS # 3



OF SHOTS = 10

IN CIR

1in = 1

2in = 3

3in = 6

HS = 2.944

VS = 2.857

GS = 2.979

CENTROID #

PATTERN #	3
SHOTS (BEST OF)	10
MAXIMUM X	1.166
MINIMUM X	-1.777
MAXIMUM Y	1.349
MINIMUM Y	-1.508
CENTROID X	-.280
CENTROID Y	-.107
POA TO CENTROID in.	.300
MIN RADIUS	.349
MEAN RADIUS	1.118
MAX RADIUS	1.792
HORIZONTAL SPREAD	2.944
VERTICAL SPREAD	2.857
EXTREME SPREAD	2.979
NUMBER IN ONE INCH CIRCLE =	1
NUMBER IN TWO INCH CIRCLE =	3
NUMBER IN THREE INCH CIRCLE =	6

18 Apr 1989

FILE:/PATTERNING/CENTERFIRE_PATT/06225446

CENTERFIRE PATTERNS

4

POA

1 in circle

2 in circle

3 in circle

OF SHOTS = 10

IN CIR

1 in = 0

2 in = 1

3 in = 6

HS = 0.8337

VS = 3.592

GS = 3.646

CENTROID *

PATTERN #	:	4	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.661	1.536	1.457
MINIMUM X	:	-1.176	-1.301	-1.360
MAXIMUM Y	:	1.894	1.705	1.239
MINIMUM Y	:	-1.698	-1.791	-1.578
CENTROID X	:	-0.148	-0.023	0.056
CENTROID Y	:	-0.317	-0.128	-0.341
POA TO CENTROID in.	:	0.349	0.130	0.346
MIN RADIUS	:	0.551	0.536	0.353
MEAN RADIUS	:	1.407	1.322	1.235
MAX RADIUS	:	2.037	1.816	1.593
HORIZONTAL SPREAD	:	2.837	2.837	2.837
VERTICAL SPREAD	:	3.592	3.496	2.817
EXTREME SPREAD	:	3.646	3.605	2.928
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		1	
NUMBER IN THREE INCH CIRCLE	=		6	

18 Apr 1989

FILE:/PATTERNING/CENTERFIRE_PATT/05225446

CENTERFIRE PATTERNS # 5

POA

1in circle

2in circle

3in circle

CENTROID *

OF SHOTS = 10

IN CIR

1in = 3

2in = 6

3in = 10

HS = 2.328

VS = 1.626

GS = 2.333

PATTERN #	5	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.150	1.245	.736
MINIMUM X	-1.178	-1.083	-.927
MAXIMUM Y	.936	.698	.663
MINIMUM Y	-.698	-.585	-.611
CENTROID X	.064	-.031	-.187
CENTROID Y	-.261	-.366	-.340
POA TO CENTROID in.	.269	.367	.387
MIN RADIUS	.132	.273	.209
MEAN RADIUS	.766	.711	.640
MAX RADIUS	1.271	1.262	.932
HORIZONTAL SPREAD	2.328	2.328	1.663
VERTICAL SPREAD	1.626	1.275	1.275
EXTREME SPREAD	2.333	2.333	1.729
NUMBER IN ONE INCH CIRCLE =		3	
NUMBER IN TWO INCH CIRCLE =		6	
NUMBER IN THREE INCH CIRCLE =		10	