

G6414400
K290000
G6285917

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: **RE00111252** Serial: G6285917 Model M24 SWS Center Fire
 Caliber: 7.62 NATO Produced: 08/11/2003 Repairman: Status: Closed 4/19/2006 11:43:03 AM

Verify Repair

Address Information

Customer: Received From Return To: Received From

Name: **TRANSPORTATION DIVISION DFEL** **TRANSPORTATION DIVISION DFEL**

Address 1: **6759 MITCHELL AVENUE** **6759 MITCHELL AVENUE**

Address 2: **BLDG 1836** **BLDG 1836** PO Box: PO Box:

City: **FORT BENNING** **FORT BENNING**

State: **GA** Zip Code: **31905** Country: **US** State: **GA** Zip Code: **31905** 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
A017	Scope Base	1
A026	Scope	1
A045	Bi Pod	1
B000	FRONT AND REAR E	2

Repair Search Refresh Close

naglej 4/20/2006 7:38 AM PAPS NUM INS SCRL

start Arms Services Repair ... 7:38 AM

G6414400 (New)

G6285917

Model: **M24 SWS**



RE00111252

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6414400.___0

FILE DATE AND TIME: 05/16/2006 16:47

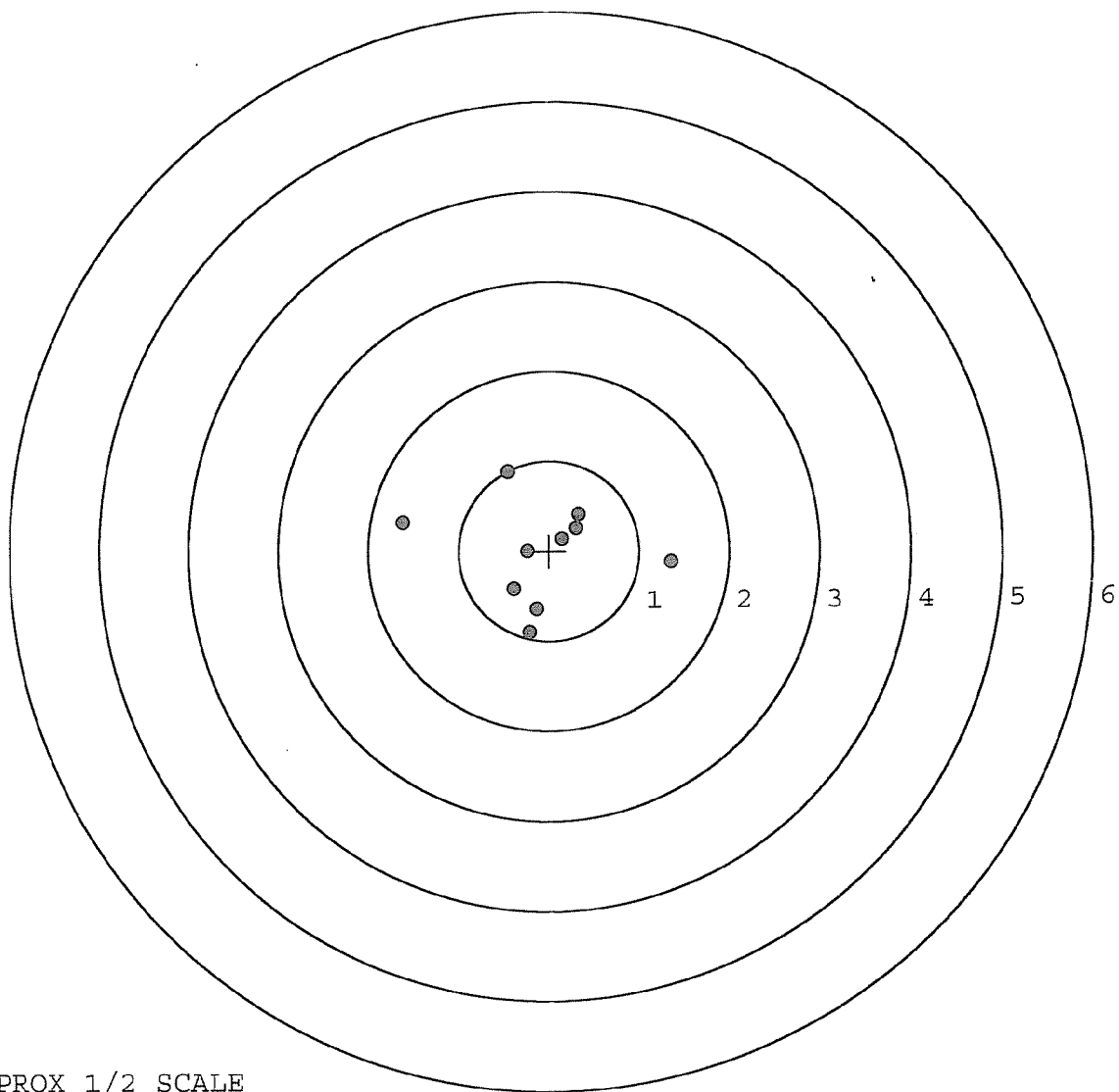
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.025
The Average Y Centroid of the Five Target Set:	-0.026
The Average Point of Impact of the Five Target Set:	0.036
The Average Mean Radius of the Five Target Set:	0.651
The Distance from POA to Centroid Target #1:	0.095
The Distance from Centroid Target #2 to Centroid Target #1:	0.027
The Distance from Centroid Target #3 to Centroid Target #1:	0.326
The Distance from Centroid Target #4 to Centroid Target #1:	0.112
The Distance from Centroid Target #5 to Centroid Target #1:	0.122

SERIAL NUMBER: G6414400. 0
TARGET NUMBER: 1
FILE DATE: 05/16/2006
FILE TIME: 16:47

X CENTROID: -0.095
Y CENTROID: -0.010
POA TO CENTROID: 0.095
HORZ SPREAD: 2.971
VERT SPREAD: 1.797
GROUP SPREAD: 3.006
MIN RADIUS: 0.152
MAX RADIUS: 1.558
MEAN RADIUS: 0.756
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 9

POINT#	X	Y
1:	-0.460	0.884
2:	-1.615	0.329
3:	1.356	-0.131
4:	0.329	0.411
5:	0.144	0.134
6:	-0.246	0.005
7:	-0.397	-0.424
8:	-0.143	-0.652
9:	-0.222	-0.913
10:	0.306	0.254

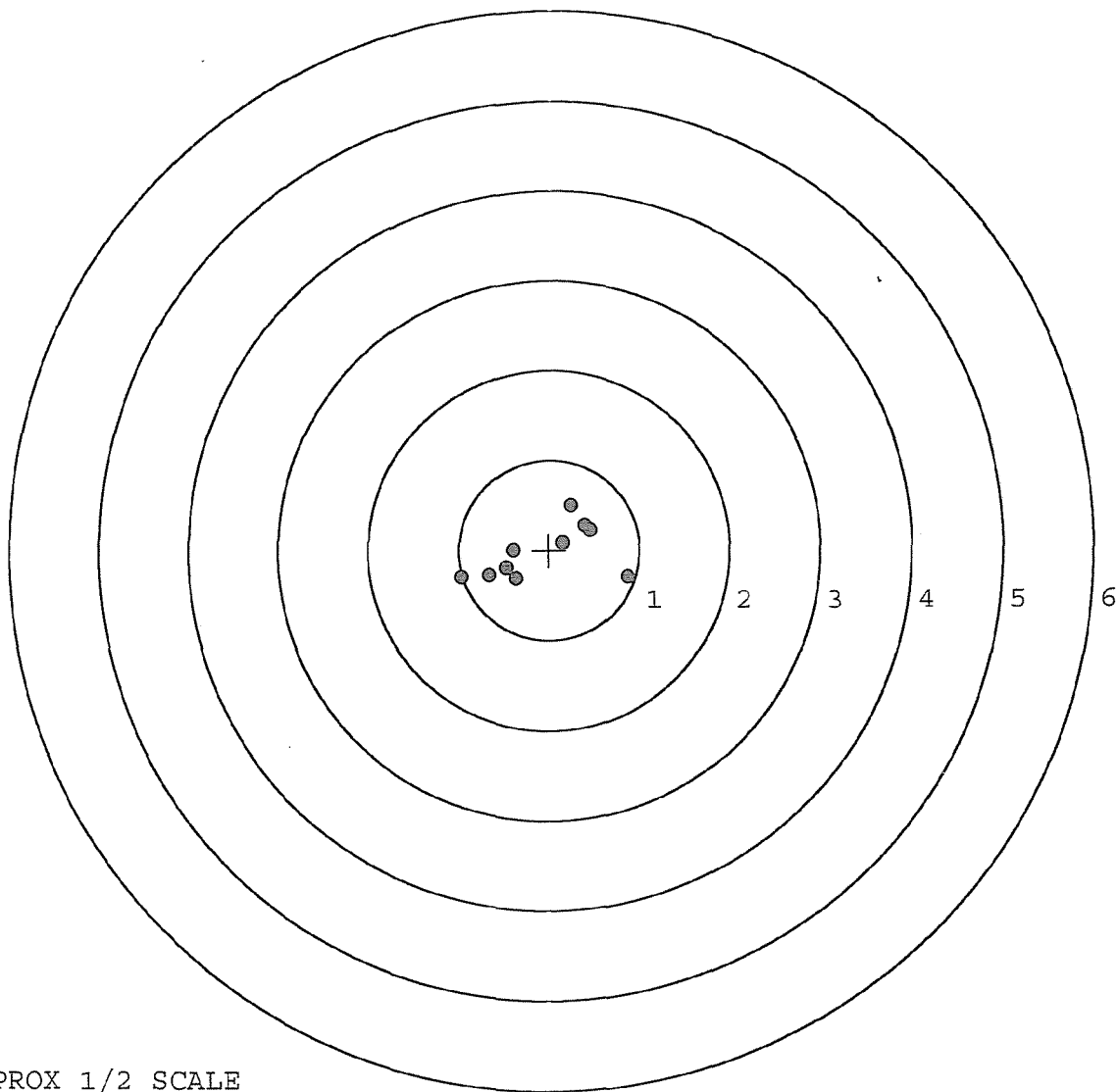


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6414400.____0
TARGET NUMBER: 2
FILE DATE: 05/16/2006
FILE TIME: 16:47

X CENTROID: -0.079
Y CENTROID: -0.032
POA TO CENTROID: 0.085
HORZ SPREAD: 1.835
VERT SPREAD: 0.815
GROUP SPREAD: 1.835
MIN RADIUS: 0.249
MAX RADIUS: 0.983
MEAN RADIUS: 0.573
IN 1 IN DIAMETER: 4
IN 2 IN DIAMETER: 10
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.397	-0.005
2:	-0.373	-0.316
3:	-0.661	-0.284
4:	-0.967	-0.306
5:	0.234	0.499
6:	0.452	0.222
7:	0.142	0.084
8:	0.868	-0.299
9:	0.393	0.277
10:	-0.477	-0.197

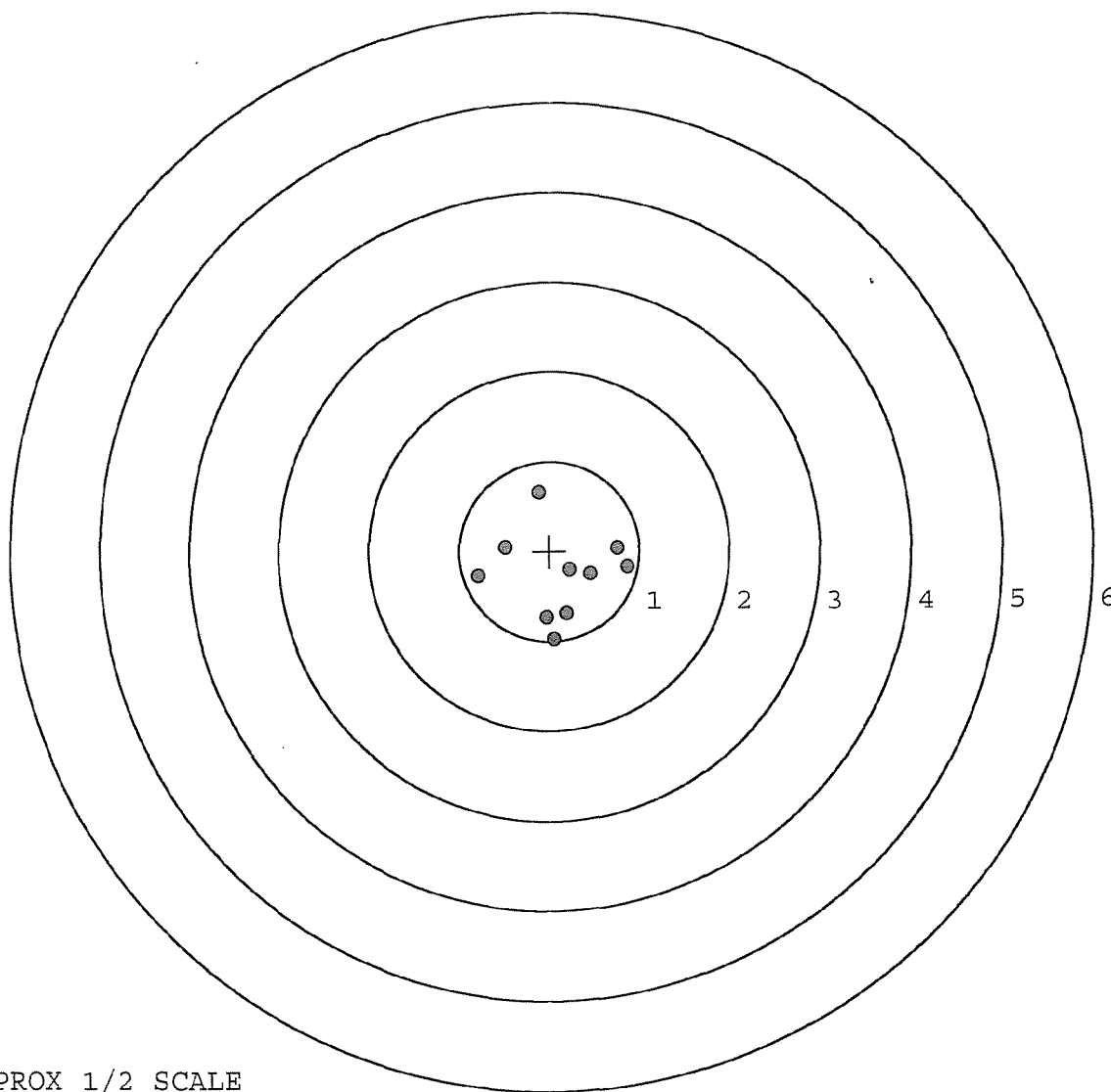


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6414400.____0
TARGET NUMBER: 3
FILE DATE: 05/16/2006
FILE TIME: 16:47

POINT#	X	Y
1:	-0.121	0.656
2:	-0.488	0.043
3:	-0.787	-0.286
4:	0.053	-0.986
5:	-0.037	-0.745
6:	0.192	-0.695
7:	0.226	-0.207
8:	0.456	-0.260
9:	0.869	-0.180
10:	0.754	0.036

X CENTROID: 0.112
Y CENTROID: -0.262
POA TO CENTROID: 0.285
HORZ SPREAD: 1.656
VERT SPREAD: 1.642
GROUP SPREAD: 1.651
MIN RADIUS: 0.127
MAX RADIUS: 0.947
MEAN RADIUS: 0.613
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 10
in 3 IN DIAMETER: 10

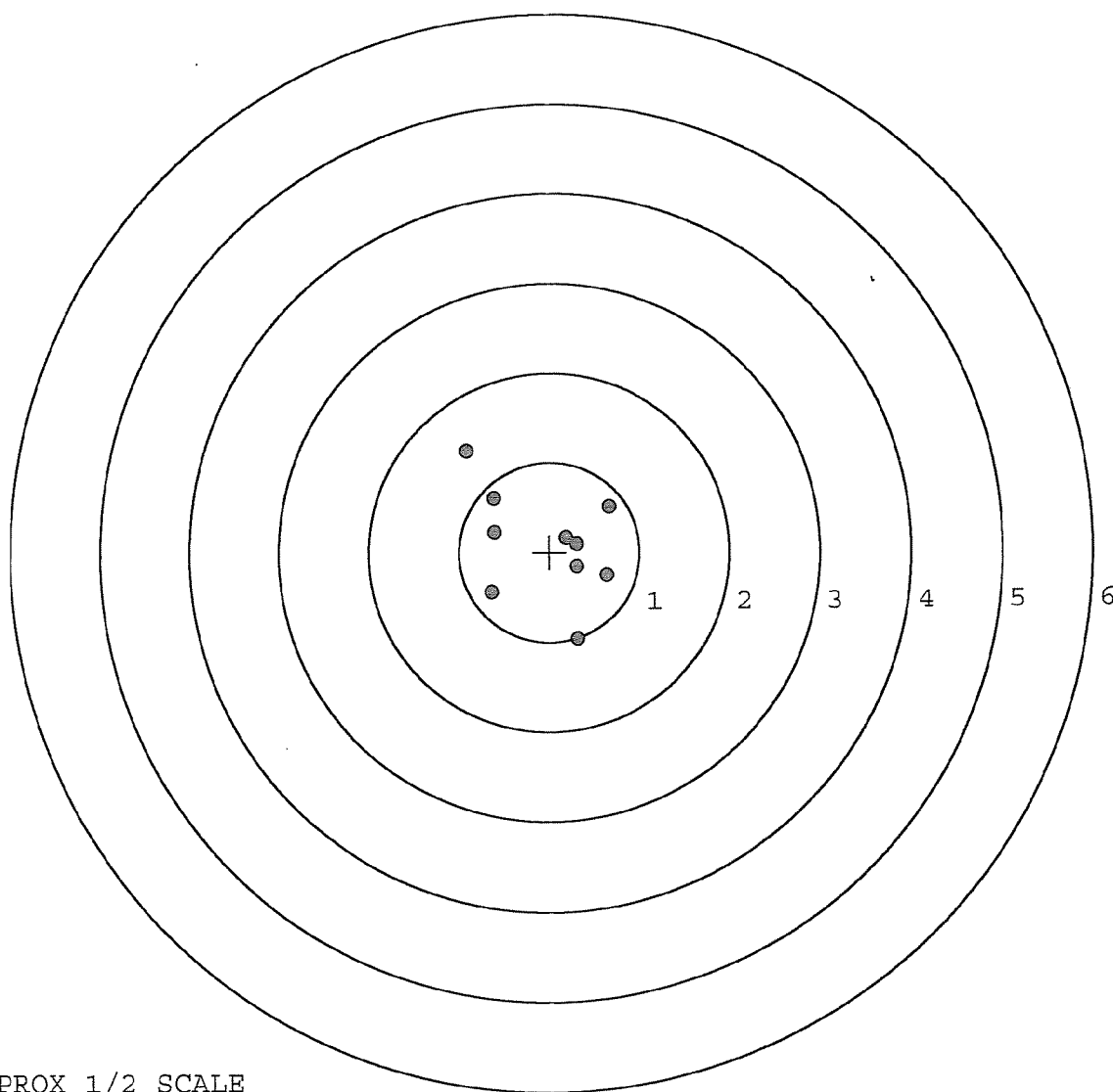


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6414400. __0
TARGET NUMBER: 4
FILE DATE: 05/16/2006
FILE TIME: 16:47

X CENTROID: -0.039
Y CENTROID: 0.087
POA TO CENTROID: 0.095
HORZ SPREAD: 1.585
VERT SPREAD: 2.104
GROUP SPREAD: 2.437
MIN RADIUS: 0.232
MAX RADIUS: 1.366
MEAN RADIUS: 0.722
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.919	1.132
2:	-0.619	0.600
3:	-0.607	0.223
4:	-0.643	-0.445
5:	0.181	0.162
6:	0.666	0.503
7:	0.302	-0.161
8:	0.638	-0.262
9:	0.310	-0.972
10:	0.302	0.091

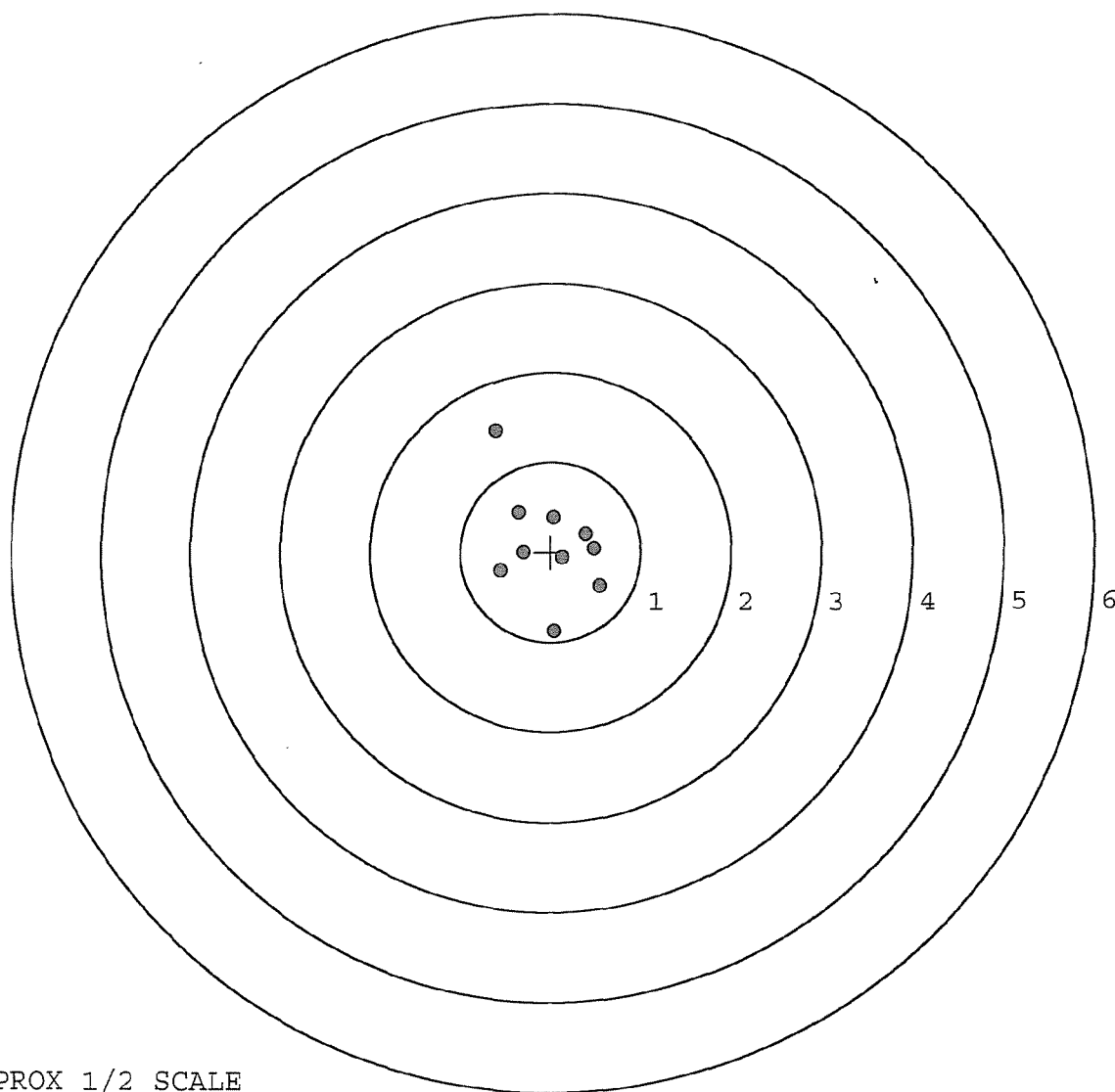


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6414400. __0
TARGET NUMBER: 5
FILE DATE: 05/16/2006
FILE TIME: 16:47

POINT#	X	Y
1:	-0.615	1.349
2:	-0.557	-0.203
3:	0.034	-0.882
4:	-0.305	0.002
5:	-0.362	0.440
6:	0.033	0.383
7:	0.381	0.197
8:	0.485	0.039
9:	0.546	-0.381
10:	0.132	-0.064

X CENTROID: -0.023
Y CENTROID: 0.088
POA TO CENTROID: 0.091
HORZ SPREAD: 1.161
VERT SPREAD: 2.231
GROUP SPREAD: 2.323
MIN RADIUS: 0.217
MAX RADIUS: 1.393
MEAN RADIUS: 0.594
IN 1 IN DIAMETER: 5
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 10



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)

DATE 4-26-06

TESTER R.P.

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS		COMMENTS
PULL #1	2.64	2.67		2.40	
PULL #2	2.52	2.60		2.50	
PULL #3	2.45	2.57		2.51	
PULL #4	2.39	2.46		2.43	
PULL #5	2.51	2.47		2.42	
TOTAL	12.51	12.77		12.26	
AVERAGE	2.50	2.55		2.45	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	3.16	3.05		
PULL #2	3.22	2.99		
PULL #3	3.13	3.00		
PULL #4	3.07	3.00		
PULL #5	3.07	3.02		
TOTAL	15.65	15.06		
AVERAGE	3.13	3.01		

	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	4.04	3.94		4.16
PULL #2	4.02	4.06		4.15
PULL #3	3.93	4.04		4.11
PULL #4	4.00	4.07		4.13
PULL #5	4.02	4.05		4.00
TOTAL	20.01	20.16		20.55
AVERAGE	4.00	4.03		4.11

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

R & E NUMBER	111252		
SERIAL NUMBER	G6414400		
LOG-IN DATE	4-19-06		
OPERATION #	OPERATION NAME	DATE	INITIAL
500	DIS-ASSEMBLE GUN	5-1-06	RTZ
505	RE-BARREL	5-3-06	RTZ
560	ASSEMBLE	5-3-06	RTZ
600	PROOF	MAGNA-FLUX INSPECTED MAY 0-8-2006	MTM
605	CHECK HEADSPACE	5-3-06	MTM
610	DIS-ASSEMBLE GUN		
612	MAGNAFLUX	OPERATOR <u>APD</u>	3-8-06 APD
510	DRILL AND TAP	5-5-06	TRW
615	ROLLMARK CALIBER	5-8-06	CIN
618	ROTO-BLAST	5-8-06	LB
620	APPLY COATINGS	5/11/06	BB
625	FINAL ASSEMBLY	5-15-06	RTZ
640	FUNCTION TEST AND	PASS FAIL	5-16-06 MTM
650	TARGET	PASS FAIL	5-16-06 MTM
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
670	FINAL INSPECTION		5-23-06 MTM
	A) HEADSPACE	PASS FAIL	5-23-06 MTM
	B) TRIGGER PULL	+/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	2.74 2.78 2.85 2.85 2.81
680	F) SAFETY ON FORCE	2 LBS MIN 10 LBS MAX	7 lbs 7 lbs 7 lbs
	G) SAFETY OFF FORCE	2 LBS MIN	4 lbs 4 lbs 4 lbs
	I) FIRING PIN INDENT	.020	.022 .022 .022
690	PACK		5-25-06

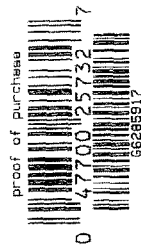
M-24 INSPECTION CHECKLIST
CONTRACT #: DAAE-20-02-D-0127

R & E NUMBER	073076		
SERIAL NUMBER	6413546 6413546 66285917		
LOG-IN DATE	11-17-03		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	12-16-03	RW
560 A	RE-BARREL	12-22-03	RT
B	DRILL AND TAP		
575	ASSEMBLE		
600	PROOF		
605	CHECK HEADSPACE		
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	12-18-03	AC
655	FINAL INSPECT	12-22-03	RT
660	PACK	12/22/03	RA
		SHIP DATE	
	QAR INSPECTION DATE		

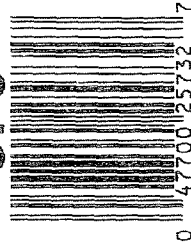
M/24 7.62 NATO (RIFLE ONLY)
BOLT ACTION CENTERFIRE RIFLE
24" BARREL 7.62 NATO

- INSTRUCTION BOOK 3518

46 FORM 200348



UPC



ORDER NO. 25732
BARREL LENGTH 24"
CAPACITY 5
G6285917

VERY IMPORTANT
INSTRUCTION BOOK
ENCLOSED TO ASSURE
SAFE USE OF THIS
WEAPON

Serial No. G6285917
ORDER NO. 25732

46

M/24 7.62 NATO (RIFLE ONLY)
BOLT ACTION CENTERFIRE RIFLE
24" BARREL 7.62 NATO

Made in Illinois, NY Reg. U.S. Pat. & Tm. Off. M&C® Registered. M&C® Deposited.

11WX



5732 G6285917



M-24
INSPECTION CHECKLIST-NEW GUNS

GUN SERIAL # 66285917

OP #	OPERATION NAME	READINGS	DATE	INITIAL
575 & 580	ASSEMBLE ACTION AND STOCK		11-18-02	RL
600	PROOF		11-19-02	A
607	CHECK HEADSPACE		11-19-02	A
610	DIS-ASSEMBLE GUN		12-2-02	RL
612	MAGNAFLUX BBL ACTION MAGNAFLUX BOLT	RD		
615	ROLLMARK CALIBER		12-6-02	AB
617	DRILL AND TAP SIGHT HOLES		12-3-02	TRW
620	APPLY COATINGS (BARREL ACTION)		12-17	TA
	(BOLT)		12-17	TA
625	FINAL ASSEMBLY			
	A) CLEAN INSIDE OF BOLT ASSEMBLY		1-10-03	DA
	B) INSPECT REAR FIRING PIN HOLE FOR CHAMFER IN BOLT HEAD		1-10-03	DA
	C) INSPECT EJECTOR HOLE FOR CHAMFER		1-10-03	DA
	D) OIL FIRING PIN ASSEMBLY		1-10-03	DA
	E) ADJUST TRIGGER PULL TO MIN. SETTING AND STAKE 2.50 LBS +/- .5 LBS		1-30-03	RL

OP #	OPERATION NAME	READINGS	DATE	INITIAL
625	F) SAFETY ON FORCE 2 LBS MIN 10 LBS MAX	<u>7.0</u> <u>7.2</u> <u>7.5</u>	7-30-03	DA
CONT.	G) SAFETY OFF FORCE 2 LBS MIN	<u>2.2</u> <u>2.5</u> <u>2.9</u>	7-30-03	DA
	H) TRIGGER PULL TEST AND RETAINABILITY		7-30-03	RK
	I) FIRING PIN INDENT .020 MIN	<u>.021</u> <u>.022</u> <u>.021</u>	7-30-03	DA
	J) ASSEMBLE STOCK		5-13-03	RL
	K) ASSEMBLE SWIVEL STUDS		8-7-03	RL
	L) ATTACH FRONT AND REAR SIGHT ASSY'S		8-7-03	RL
	M) IRON SIGHT ALIGNMENT		8-7-03	RL
	N) DETACH FRONT AND REAR SIGHTS AND PLACE IN NUMBERED CONTAINER		8-7-03	RL
640	GALLERY TEST AND TARGET	PASS FAIL	5-14-03	TRW
	MALFUNCTION	CORRECTION	5-14-03	TRW
	MALFUNCTION	CORRECTION	5-14-03	TRW
	MALFUNCTION	CORRECTION	5-14-03	TRW
	MALFUNCTION	CORRECTION	5-14-03	TRW
645	INSPECT FOR LIVE AMMO		5-14-03	TRW
655	FINAL INSPECTION A) HEADSPACE		8-7-03	RK
	B) TRIGGER PULL +/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	<u>2.83</u> <u>2.76</u> <u>2.77</u> <u>2.90</u> <u>2.79</u>	7/31/03	DA
	C) FUNCTION		8-7-03	RL
660	PACK		8/7/03	DA

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

SERIAL NO.

DATE 5-13-03

TESTER TRW

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#	COMMENTS
PULL #1	2.61	2.68	2.64	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2
PULL #2	2.62	2.64	2.66	
PULL #3	2.74	2.52	2.70	
PULL #4	2.67	2.66	2.42	
PULL #5	2.73	2.65	2.69	
TOTAL	13.37	13.15	13.11	
AVG.	2.67	2.63	2.62	

	3.00# INITIAL	3.00# AFTER 20 CYCLES	COMMENTS
PULL #1	3.16	3.09	
PULL #2	3.45	3.06	
PULL #3	3.25	3.18	
PULL #4	3.15	3.16	
PULL #5	3.18	3.18	
TOTAL	16.19	15.67	
AVG.	3.23	3.13	

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCUR
PULL #1	4.15	4.30		4.28
PULL #2	4.34	4.10		4.24
PULL #3	4.23	4.27		4.33
PULL #4	4.22	4.32		4.39
PULL #5	4.18	4.36		4.26
TOTAL	21.12	21.35		21.50
AVG.	4.22	4.27		4.30

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6285917.___0
FILE DATE AND TIME: 05/14/2003 06:17

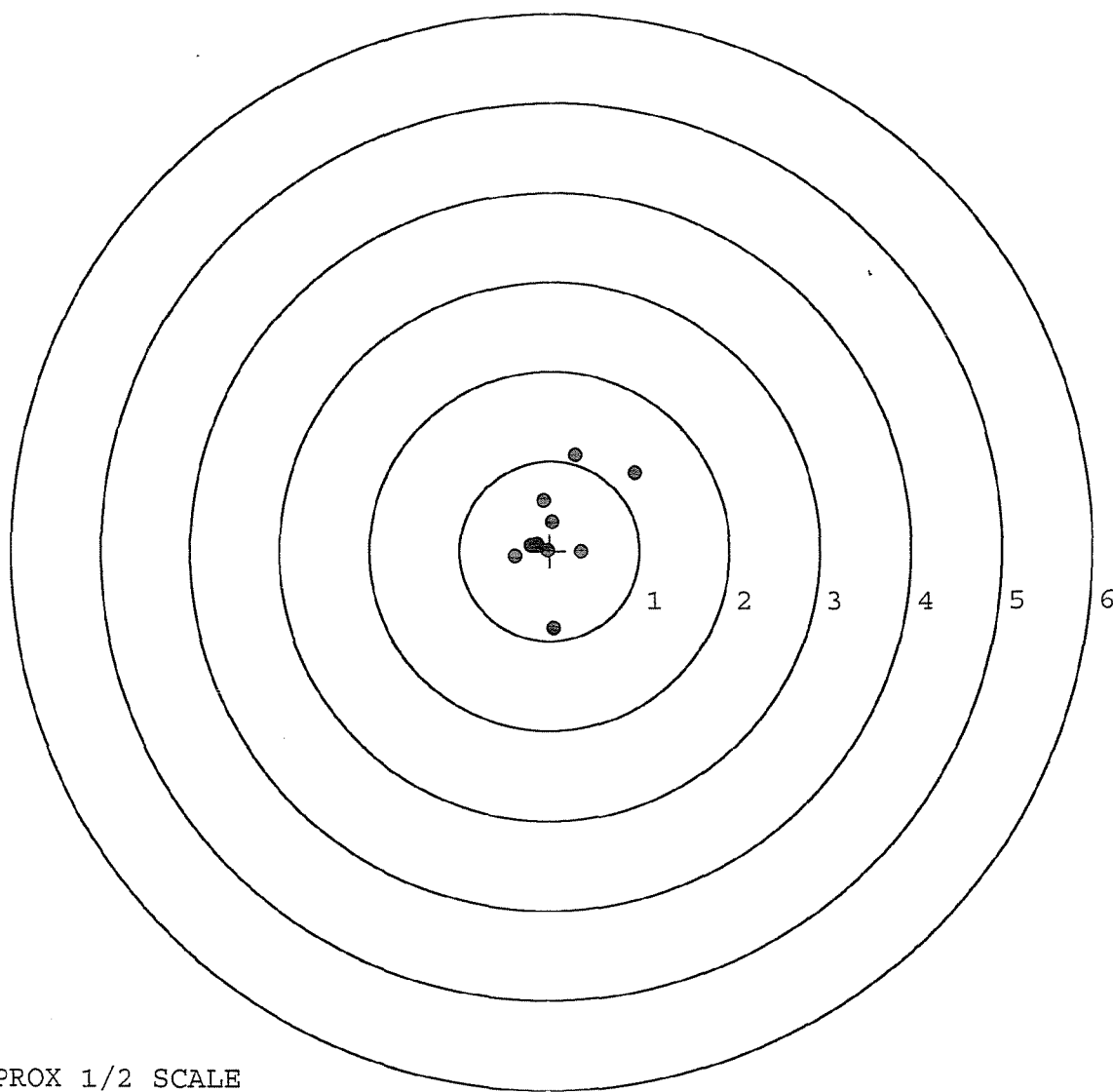
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.250
The Average Y Centroid of the Five Target Set:	-0.076
The Average Point of Impact of the Five Target Set:	0.261
The Average Mean Radius of the Five Target Set:	0.659
The Distance from POA to Centroid Target #1:	0.217
The Distance from Centroid Target #2 to Centroid Target #1:	1.262
The Distance from Centroid Target #3 to Centroid Target #1:	0.443
The Distance from Centroid Target #4 to Centroid Target #1:	0.693
The Distance from Centroid Target #5 to Centroid Target #1:	0.286

SERIAL NUMBER: G6285917. __0
TARGET NUMBER: 1
FILE DATE: 05/14/2003
FILE TIME: 06:17

POINT#	X	Y
1:	0.945	0.871
2:	0.286	1.063
3:	0.046	-0.862
4:	-0.074	0.566
5:	-0.389	-0.066
6:	-0.207	0.065
7:	0.347	-0.019
8:	-0.023	-0.004
9:	0.021	0.320
10:	-0.142	0.079

X CENTROID: 0.081
Y CENTROID: 0.201
POA TO CENTROID: 0.217
HORZ SPREAD: 1.334
VERT SPREAD: 1.925
GROUP SPREAD: 1.952
MIN RADIUS: 0.133
MAX RADIUS: 1.093
MEAN RADIUS: 0.526
IN 1 IN DIAMETER: 6
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 10

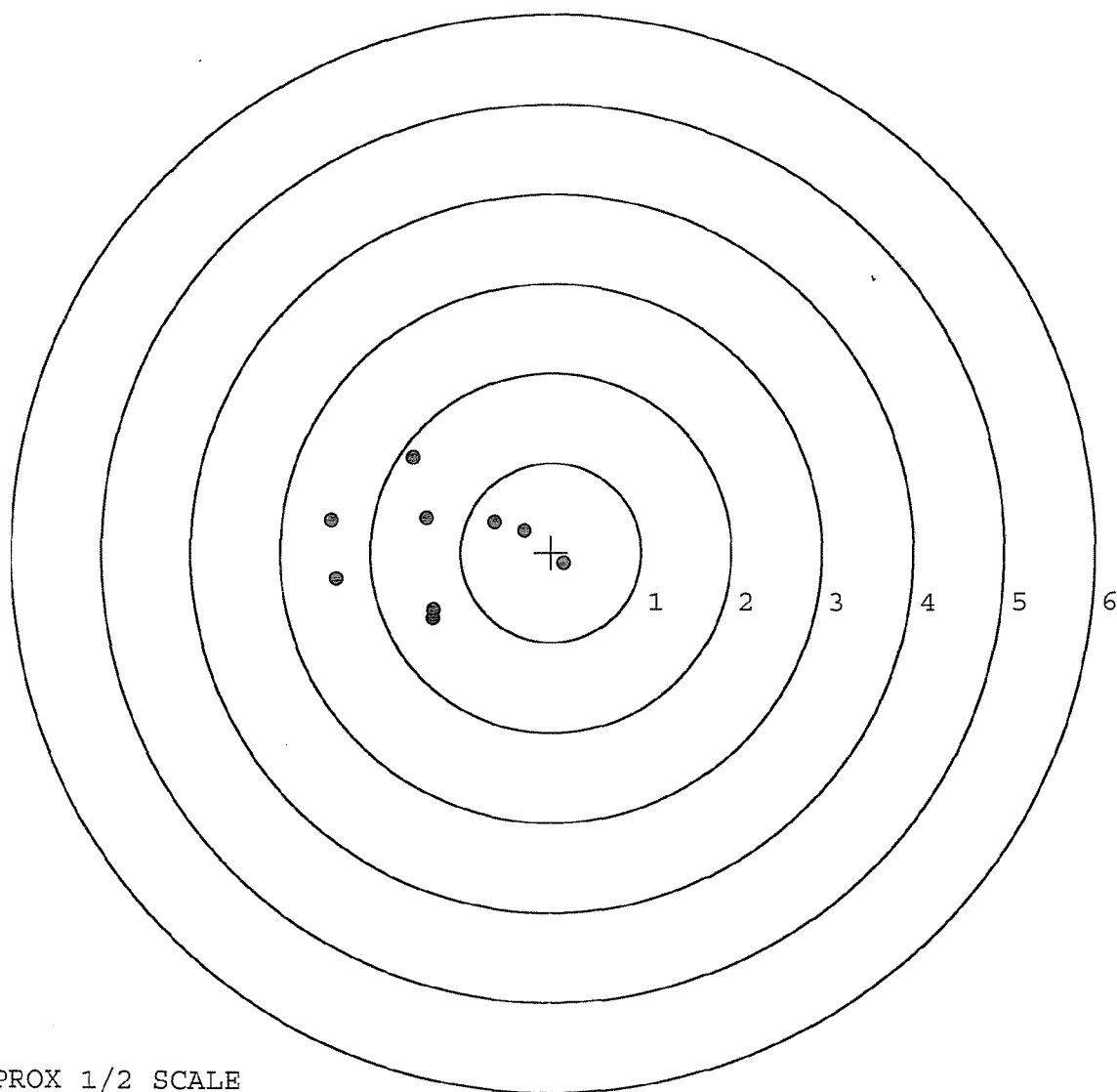


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6285917. __0
TARGET NUMBER: 2
FILE DATE: 05/14/2003
FILE TIME: 06:17

POINT#	X	Y
1:	0.146	-0.122
2:	-1.311	-0.743
3:	-2.378	-0.301
4:	-1.301	-0.652
5:	-1.533	1.057
6:	-1.380	0.385
7:	-2.439	0.356
8:	-0.632	0.341
9:	-0.632	0.341
10:	-0.304	0.240

X CENTROID: -1.176
Y CENTROID: 0.090
POA TO CENTROID: 1.180
HORZ SPREAD: 2.585
VERT SPREAD: 1.800
GROUP SPREAD: 2.629
MIN RADIUS: 0.358
MAX RADIUS: 1.339
MEAN RADIUS: 0.896
IN 1 IN DIAMETER: 1
IN 2 IN DIAMETER: 6
in 3 IN DIAMETER: 10

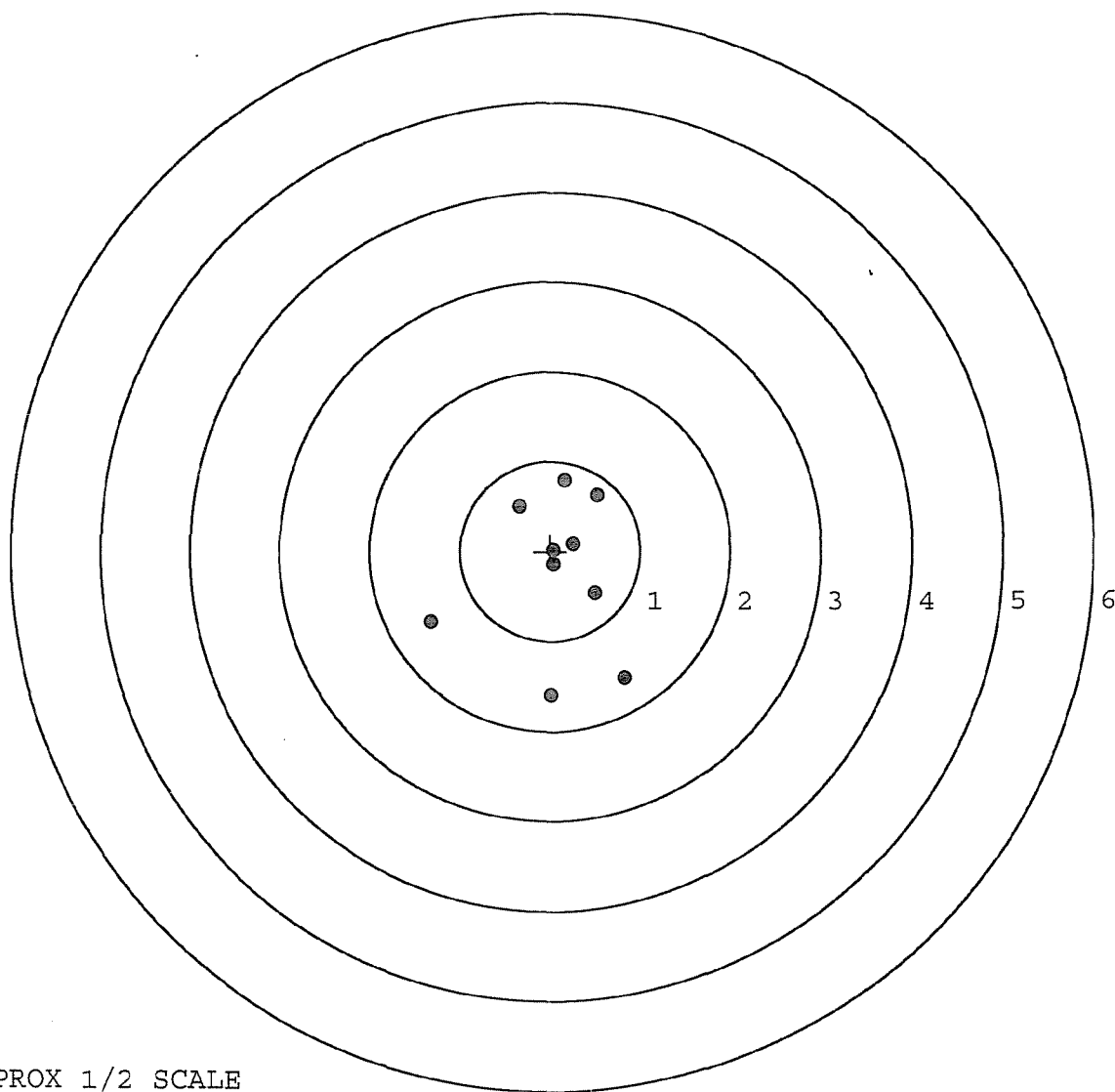


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6285917. __0
TARGET NUMBER: 3
FILE DATE: 05/14/2003
FILE TIME: 06:17

POINT#	X	Y
1:	0.036	0.013
2:	0.514	0.622
3:	0.155	0.792
4:	-0.348	0.497
5:	-1.326	-0.789
6:	0.009	-1.605
7:	0.826	-1.412
8:	0.494	-0.469
9:	0.034	-0.149
10:	0.258	0.084

X CENTROID: 0.065
Y CENTROID: -0.242
POA TO CENTROID: 0.250
HORZ SPREAD: 2.152
VERT SPREAD: 2.397
GROUP SPREAD: 2.319
MIN RADIUS: 0.098
MAX RADIUS: 1.495
MEAN RADIUS: 0.833
IN 1 IN DIAMETER: 4
IN 2 IN DIAMETER: 6
in 3 IN DIAMETER: 10

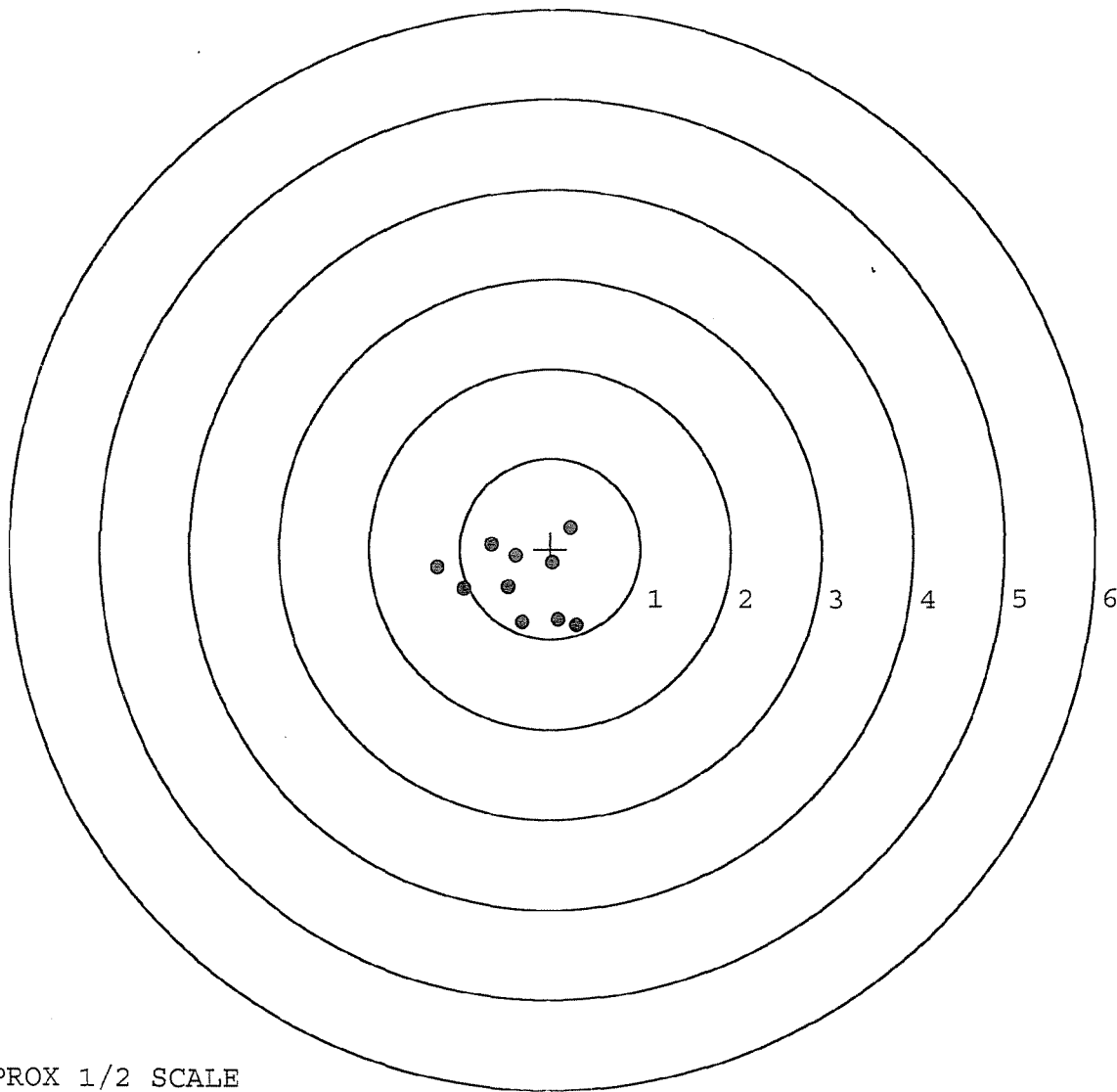


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6285917. __0
TARGET NUMBER: 4
FILE DATE: 05/14/2003
FILE TIME: 06:17

POINT#	X	Y
1:	0.215	0.235
2:	0.292	-0.851
3:	0.086	-0.790
4:	-0.320	-0.815
5:	-0.471	-0.422
6:	-0.955	-0.450
7:	-1.247	-0.209
8:	-0.647	0.052
9:	-0.387	-0.078
10:	0.021	-0.158

X CENTROID: -0.341
Y CENTROID: -0.349
POA TO CENTROID: 0.488
HORZ SPREAD: 1.539
VERT SPREAD: 1.086
GROUP SPREAD: 1.668
MIN RADIUS: 0.149
MAX RADIUS: 0.916
MEAN RADIUS: 0.557
IN 1 IN DIAMETER: 4
IN 2 IN DIAMETER: 10
in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6285917. __0

TARGET NUMBER: 5

FILE DATE: 05/14/2003

FILE TIME: 06:17

POINT#	X	Y
1:	-0.100	0.129
2:	-0.678	-0.133
3:	0.168	-0.215
4:	-0.152	-0.463
5:	-0.010	-0.880
6:	0.618	0.461
7:	0.343	0.240
8:	0.838	0.251
9:	-0.008	0.053
10:	0.201	-0.258

X CENTROID: 0.122

Y CENTROID: -0.081

POA TO CENTROID: 0.147

HORZ SPREAD: 1.516

VERT SPREAD: 1.341

GROUP SPREAD: 1.481

MIN RADIUS: 0.141

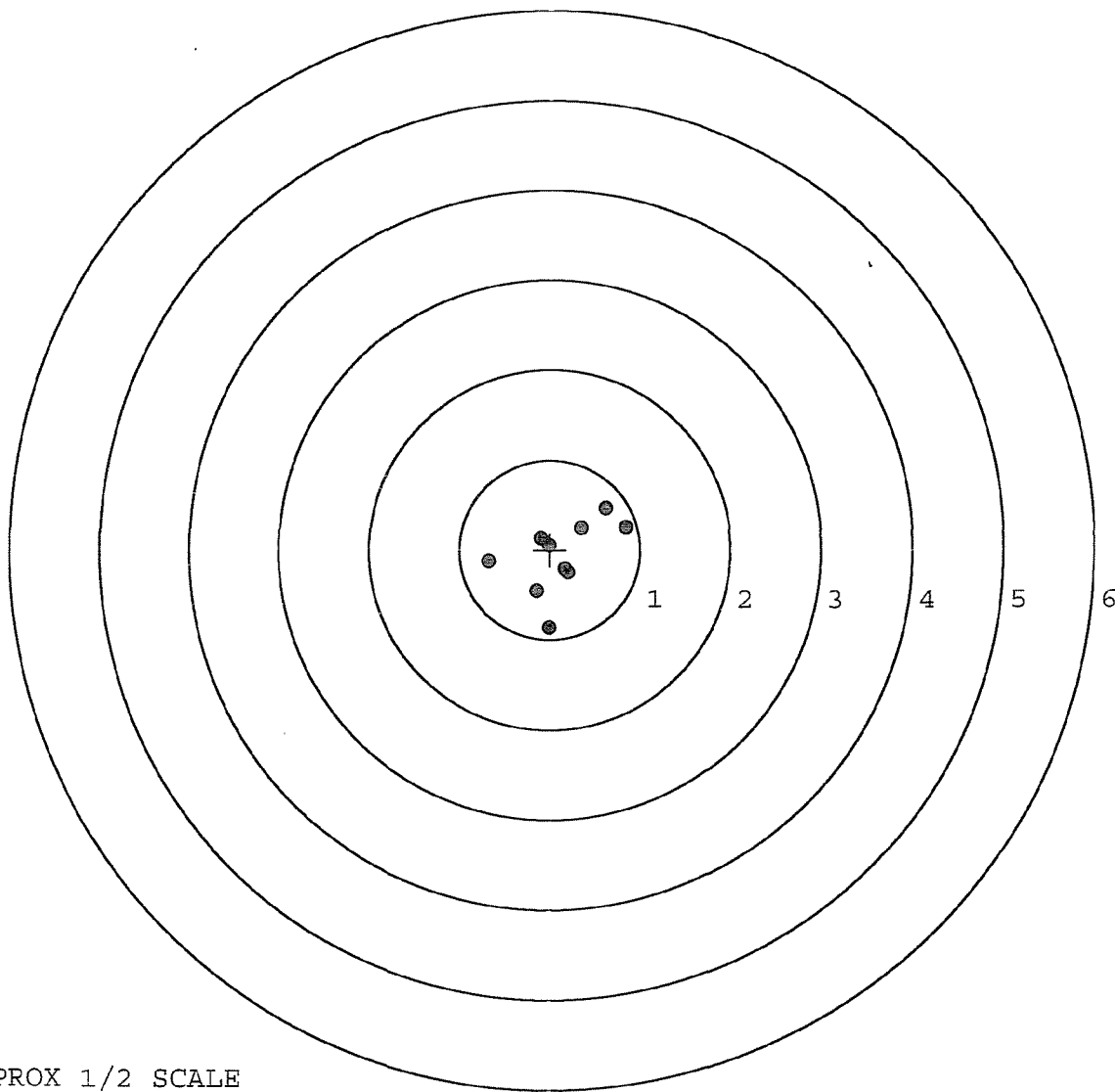
MAX RADIUS: 0.809

MEAN RADIUS: 0.482

IN 1 IN DIAMETER: 6

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

Arms Services Repair & Estimate System

File Add Repair Estimate Repair Expedite Repair Inquiry Repair Tools CSR Tools Reports Table Maintenance System Maintenance Help

Repair Inquiry

Repair Number: **RE00050326** Serial: E6413546 Model 700 Center Fire Caliber: 7.62 NATO M-24 (SWS) Repairman: Status: Closed 8/6/02 3:24:46 PM

Verify Repair

Address Information

Customer: Received From: Return To: Received From:

Name: USAIC USAIC

Address 1: DFEL SUPPLY DIV BLDG 490 DFEL SUPPLY DIV BLDG 490

Address 2: PO Box: PO Box:

City: FORT BENNING FORT BENNING

State: GA Zip Code: 31905 Country: US State: GA Zip Code: 31905 Country: US

FFL: ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐

Contact / Condition Problems Estimate History / Status Shipping / Billing

Contact Information

Phone: Fax: Email: Comments:

Received Condition

Peer: Condition: PACKED IN SAME HARD CASE Notes: AS SER# C6611507 CSR Notes:

Accessories Received

Code	Desc.	Qty
A007	With Stud	1
A010	Hard Case	1
A017	Scope Base	1
A026	Scope	1
X	FRT & REAR SGT BA	2

Repair Search Refresh Close

naqlat 8/7/02 7:48 AM CAPS NUM INS SCFL

Start Inbox - Microsoft Out... Calendar - Microsoft... Microsoft Excel Arms Services R... 7:48 AM

Serial Number:

E6413546

Model: **700**



RE00050326

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: E6413546.___0
FILE DATE AND TIME: 08/23/2002 13:50

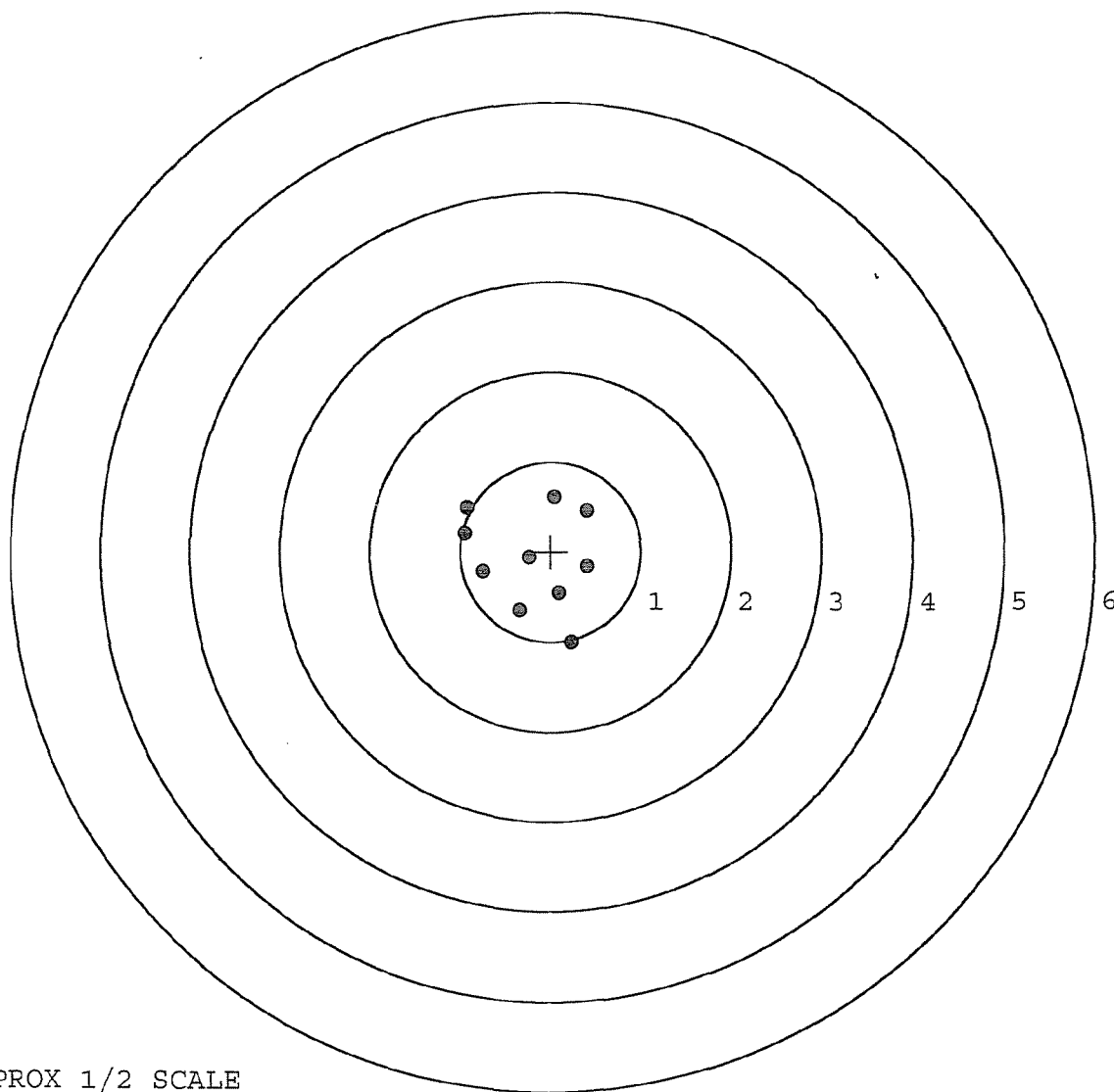
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.130
The Average Y Centroid of the Five Target Set:	-0.041
The Average Point of Impact of the Five Target Set:	0.137
The Average Mean Radius of the Five Target Set:	0.645
The Distance from POA to Centroid Target #1:	0.225
The Distance from Centroid Target #2 to Centroid Target #1:	0.189
The Distance from Centroid Target #3 to Centroid Target #1:	0.076
The Distance from Centroid Target #4 to Centroid Target #1:	0.271
The Distance from Centroid Target #5 to Centroid Target #1:	0.111

SERIAL NUMBER: E6413546.____0
TARGET NUMBER: 1
FILE DATE: 08/23/2002
FILE TIME: 13:50

POINT#	X	Y
1:	0.227	-1.008
2:	-0.353	-0.655
3:	-0.751	-0.228
4:	-0.958	0.205
5:	-0.930	0.491
6:	0.034	0.613
7:	0.394	0.455
8:	0.400	-0.168
9:	0.089	-0.461
10:	-0.244	-0.073

X CENTROID: -0.209
Y CENTROID: -0.083
POA TO CENTROID: 0.225
HORZ SPREAD: 1.358
VERT SPREAD: 1.621
GROUP SPREAD: 1.894
MIN RADIUS: 0.036
MAX RADIUS: 1.023
MEAN RADIUS: 0.658
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 10

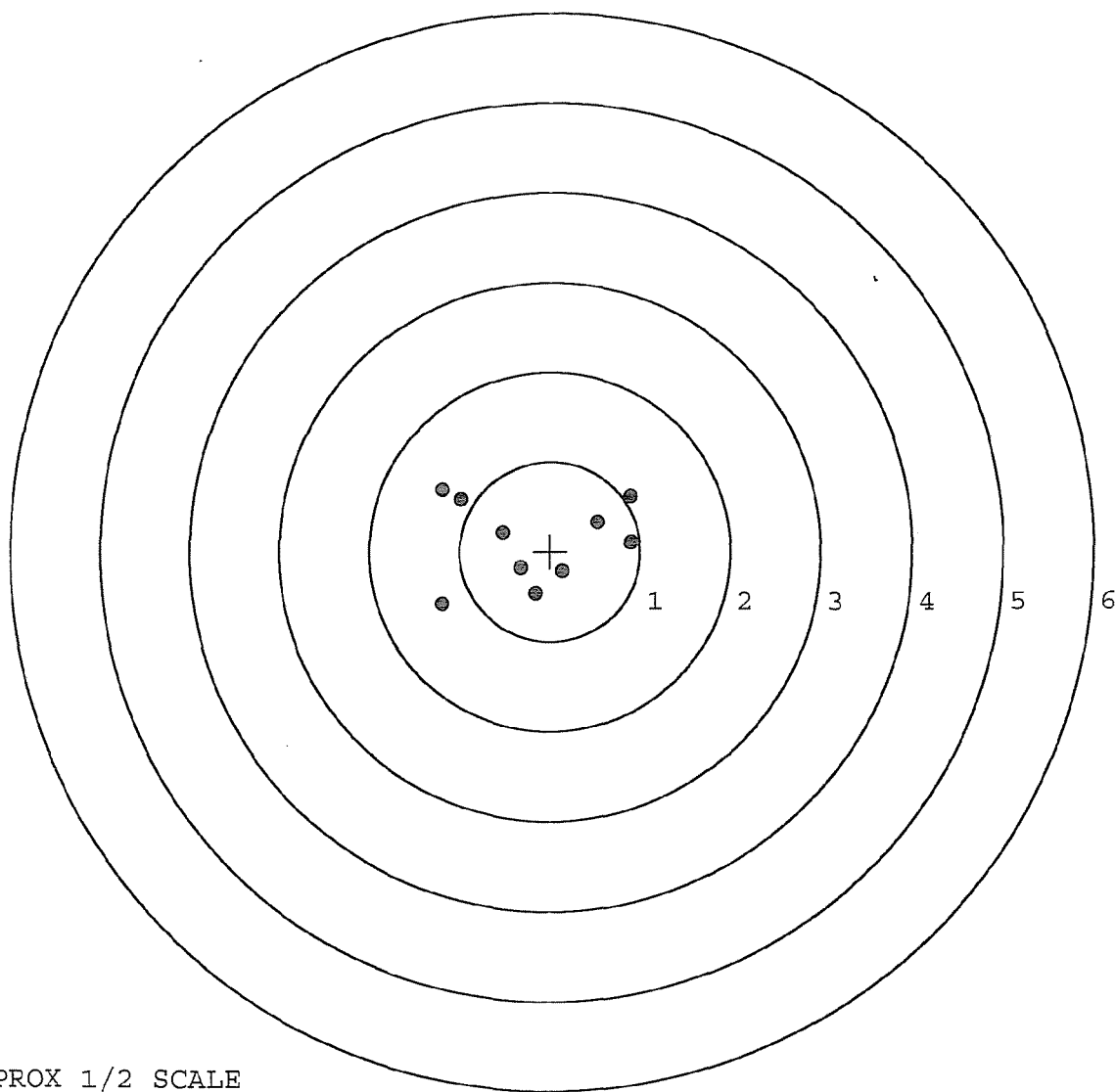


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: E6413546. 0
TARGET NUMBER: 2
FILE DATE: 08/23/2002
FILE TIME: 13:50

POINT#	X	Y
1:	0.895	0.106
2:	0.522	0.326
3:	0.893	0.616
4:	-0.991	0.578
5:	-1.198	0.682
6:	-0.530	0.213
7:	-0.328	-0.183
8:	-1.195	-0.589
9:	-0.166	-0.470
10:	0.136	-0.224

X CENTROID: -0.196
Y CENTROID: 0.106
POA TO CENTROID: 0.223
HORZ SPREAD: 2.093
VERT SPREAD: 1.271
GROUP SPREAD: 2.411
MIN RADIUS: 0.317
MAX RADIUS: 1.217
MEAN RADIUS: 0.805
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 6
in 3 IN DIAMETER: 10

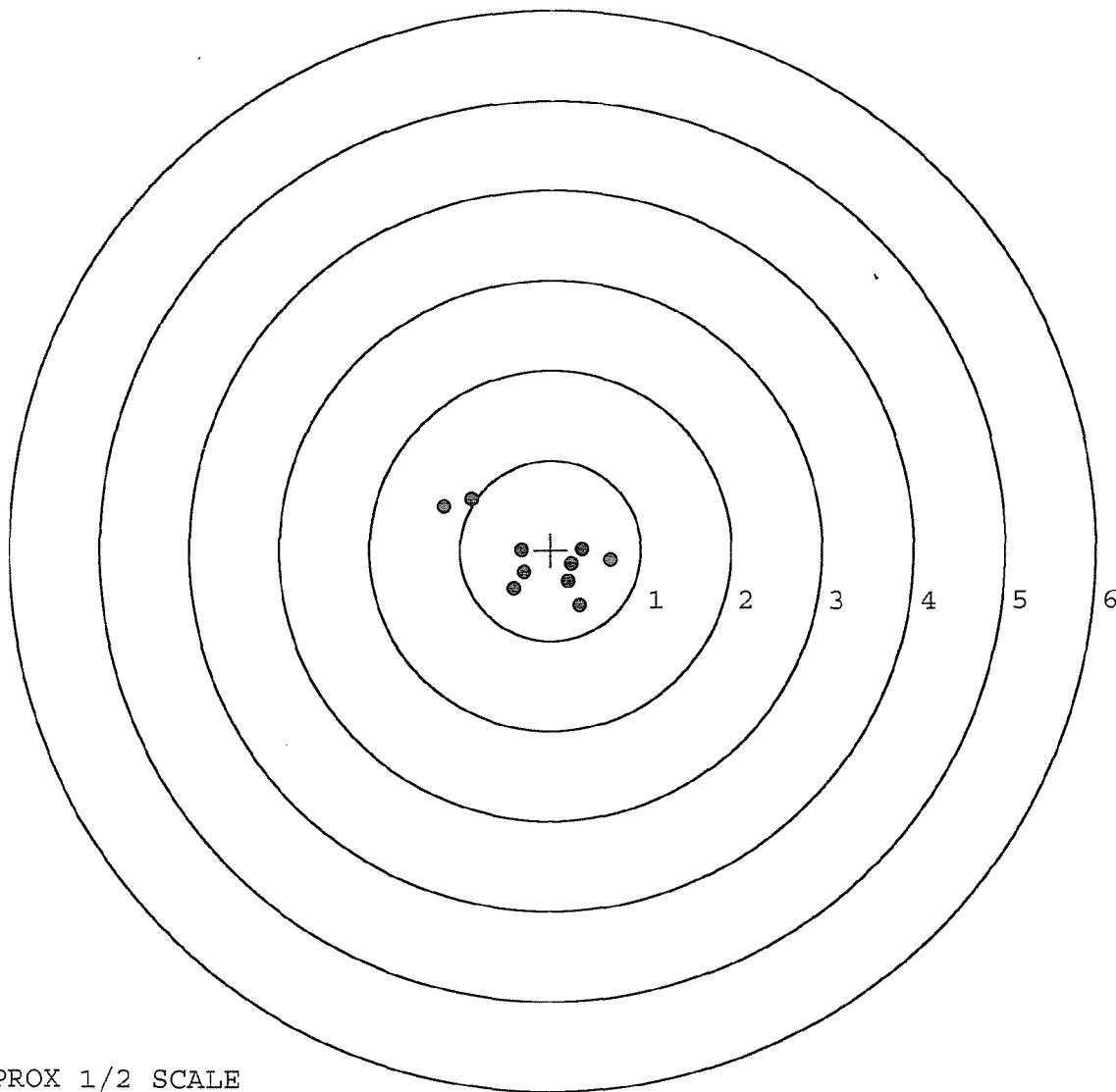


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: E6413546. __0
TARGET NUMBER: 3
FILE DATE: 08/23/2002
FILE TIME: 13:50

POINT#	X	Y
1:	-0.878	0.562
2:	-1.186	0.484
3:	-0.413	-0.429
4:	-0.326	-0.001
5:	-0.296	-0.249
6:	0.663	-0.113
7:	0.351	0.007
8:	0.325	-0.616
9:	0.194	-0.350
10:	0.230	-0.159

X CENTROID: -0.134
Y CENTROID: -0.086
POA TO CENTROID: 0.159
HORZ SPREAD: 1.849
VERT SPREAD: 1.178
GROUP SPREAD: 1.943
MIN RADIUS: 0.211
MAX RADIUS: 1.197
MEAN RADIUS: 0.585
IN 1 IN DIAMETER: 6
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 10

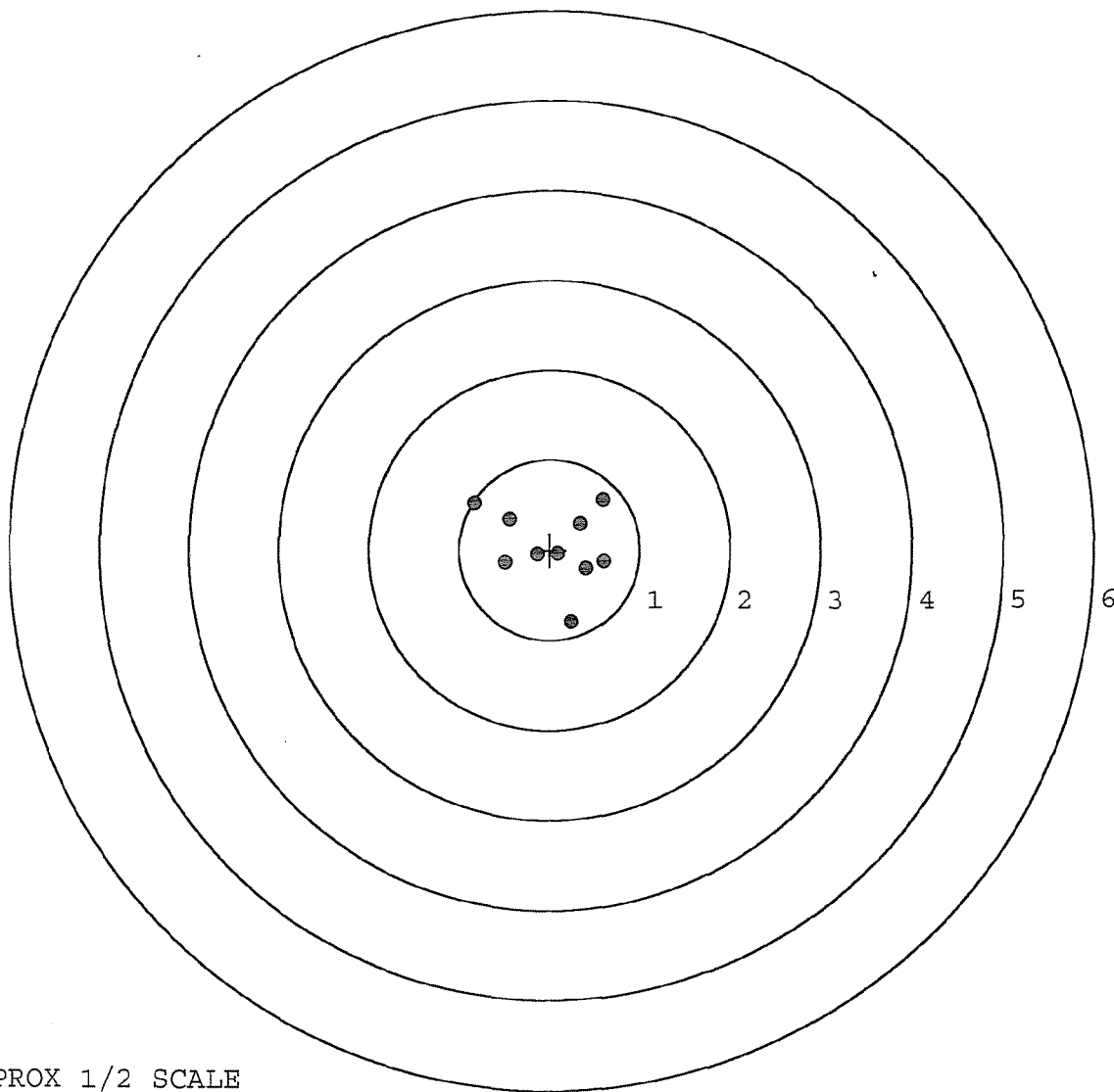


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: E6413546.____0
TARGET NUMBER: 4
FILE DATE: 08/23/2002
FILE TIME: 13:50

POINT#	X	Y
1:	0.238	-0.804
2:	0.606	-0.125
3:	0.593	0.555
4:	0.337	0.291
5:	0.406	-0.213
6:	-0.840	0.516
7:	-0.450	0.346
8:	-0.497	-0.134
9:	-0.138	-0.047
10:	0.093	-0.044

X CENTROID: 0.035
Y CENTROID: 0.034
POA TO CENTROID: 0.049
HORZ SPREAD: 1.446
VERT SPREAD: 1.359
GROUP SPREAD: 1.704
MIN RADIUS: 0.097
MAX RADIUS: 0.999
MEAN RADIUS: 0.548
IN 1 IN DIAMETER: 4
IN 2 IN DIAMETER: 10
in 3 IN DIAMETER: 10

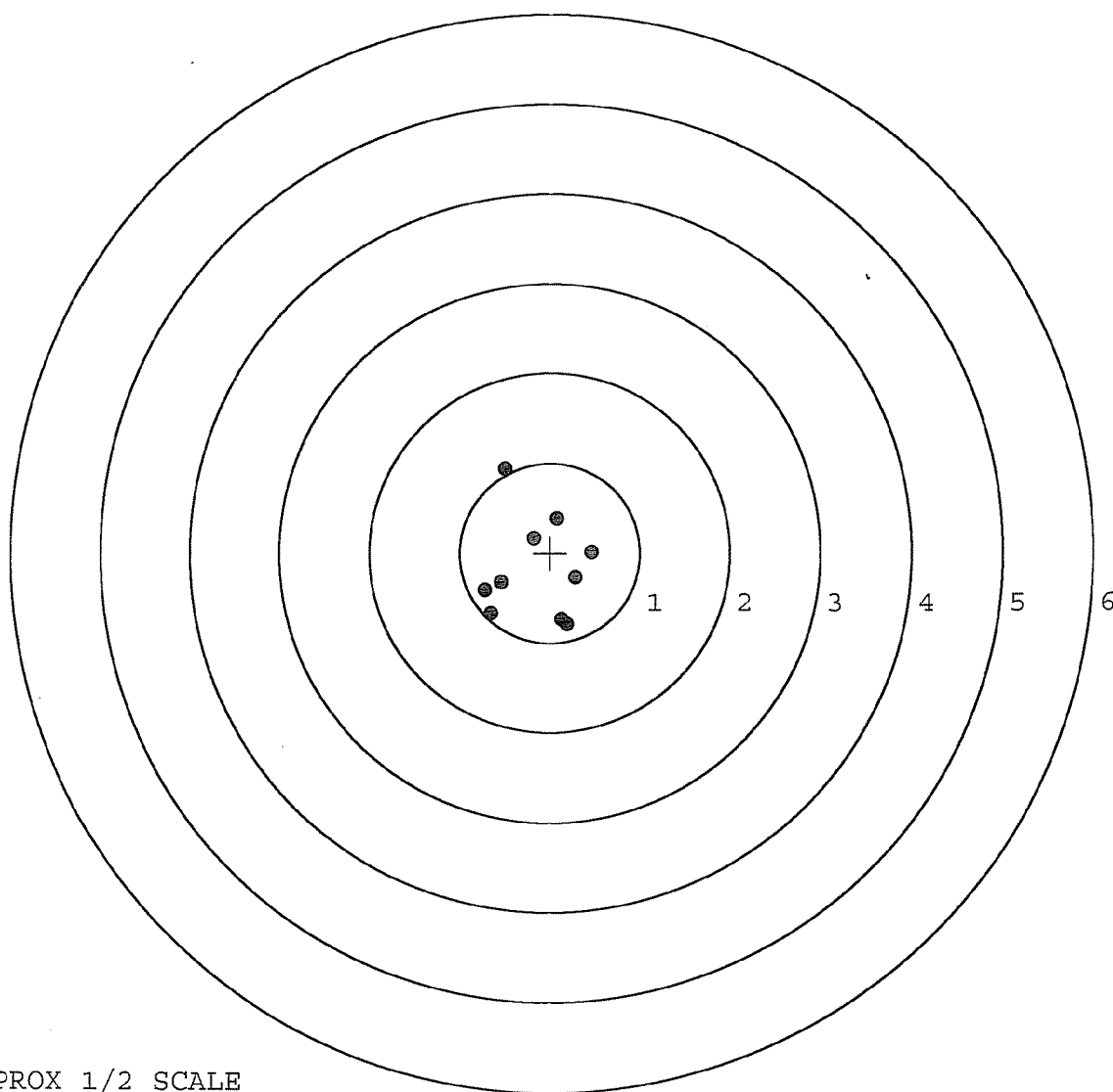


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: E6413546. __0
TARGET NUMBER: 5
FILE DATE: 08/23/2002
FILE TIME: 13:50

POINT#	X	Y
1:	0.190	-0.800
2:	-0.658	-0.676
3:	-0.726	-0.418
4:	-0.545	-0.330
5:	0.080	0.386
6:	-0.183	0.164
7:	-0.501	0.938
8:	0.462	0.011
9:	0.128	-0.744
10:	0.281	-0.280

X CENTROID: -0.147
Y CENTROID: -0.175
POA TO CENTROID: 0.229
HORZ SPREAD: 1.188
VERT SPREAD: 1.738
GROUP SPREAD: 1.870
MIN RADIUS: 0.341
MAX RADIUS: 1.168
MEAN RADIUS: 0.630
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-20-97-C-242

R & E NUMBER	50326		
SERIAL NUMBER	E6413546		
LOG-IN DATE	8/6/02		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	8/12/02	RL
560 A	RE-BARREL	8-12-02	DA
B	DRILL AND TAP	8-13-02	AC
575	ASSEMBLE	8/13/02	RL
600	PROOF	8-13-02	MAGNA-FLUX
605	CHECK HEADSPACE	8/13/02	INSPECTED
610	DIS-ASSEMBLE GUN	8/13/02	AUG 14 2002
612	MAGNAFLUX		OPERATOR RL
615	ROLLMARK CALIBER	8/14	AB
618	ROTO-BLAST	8/15	KO
620	APPLY COATINGS	8-16	TA
625 A	FINAL ASSEMBLY	8-19-02	RW
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE		
D	SAFETY "OFF" FORCE		
E	FIRING PIN INDENT		
640	TARGET	8-22-02	K
655	FINAL INSPECT	8-22-02	RW
660	PACK	8-26-02	DA
		SHIP DATE	
	QAR INSPECTION DATE		

Remington Test Lab, Ilion, N.Y.

Centroidal distance calculations for Rifle # e6413546
9 Feb 2000

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .131
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0354
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .135699

THE AMR FOR THIS RIFLE IS: 1.054

CENTROIDAL DISTANCES

0 TO 1	.437961
1 TO 2	.2136
1 TO 3	.581532
1 TO 4	.350304
1 TO 5	.729249

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

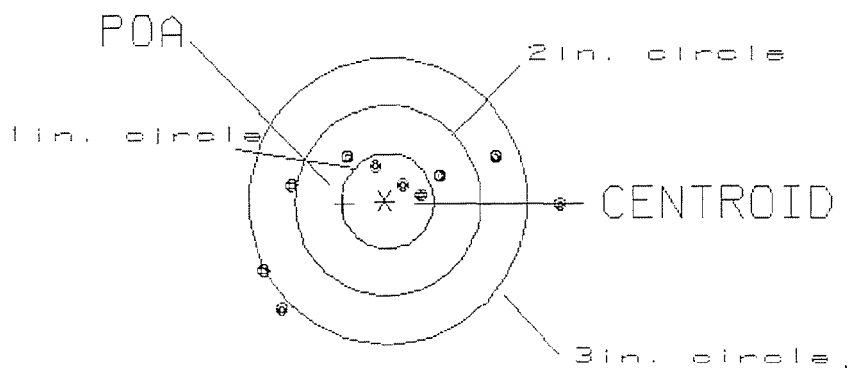
PATTERN #: 1

POA TO CENTROID: .438
 MIN RADIUS : .231
 MEAN RADIUS : .939
 MAX RADIUS : 1.831
 CENTROID X : .437
 CENTROID Y : .029

9 Feb 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/e6413546.1

CENTERFIRE PATTERN # 1



OF SHOTS= 10

IN CIRCLE

HS= 3.17

3

VS= 1.62

5

GS= 3.26

7

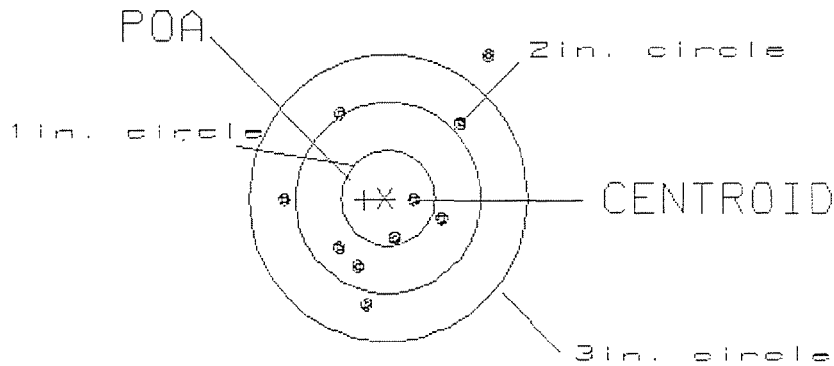
PATTERN #: 2

POA TO CENTROID: .224
 MIN RADIUS : .270
 MEAN RADIUS : .910
 MAX RADIUS : 1.785
 CENTROID X : .224
 CENTROID Y : .013

9 Feb 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/e6413546.1

CENTERFIRE PATTERN # 2



OF SHOTS= 10

IN CIRCLE

HS= 2.15
 VS= 2.61
 GS= 2.91

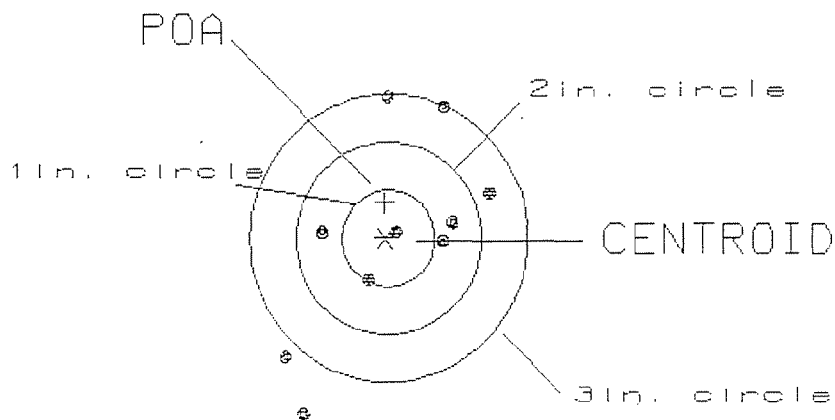
2
 6
 9

PATTERN #: 3
 POA TO CENTROID: .369
 MIN RADIUS : .130
 MEAN RADIUS : 1.031
 MAX RADIUS : 2.005
 CENTROID X : .013
 CENTROID Y : -.369

9 Feb 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/e6413546.1

CENTERFIRE PATTERN # 3



OF SHOTS= 10

IN CIRCLE

HS= 2.18
 VS= 3.22
 GS= 3.44

2
 5
 3

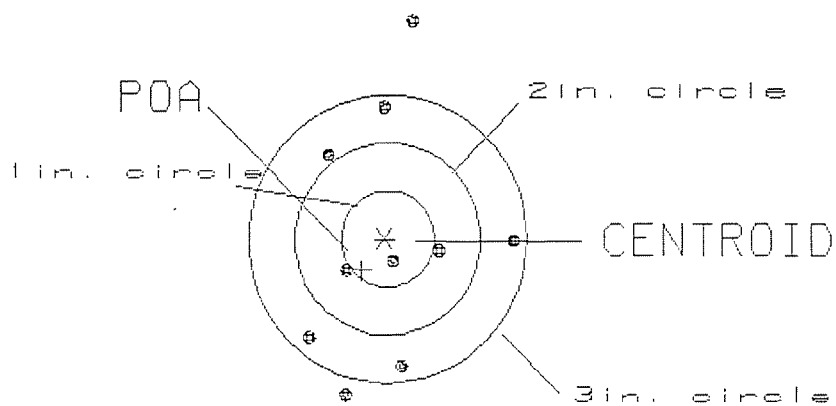
PATTERN #: 4

POA TO CENTROID: .404
 MIN RADIUS : .273
 MEAN RADIUS : 1.189
 MAX RADIUS : 2.337
 CENTROID X : .245
 CENTROID Y : .322

9 Feb 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/e6413546.1

CENTERFIRE PATTERN # 4



OF SHOTS= 10

IN CIRCLE

HS= 2.24

1

US= 3.89

3

GS= 3.95

6

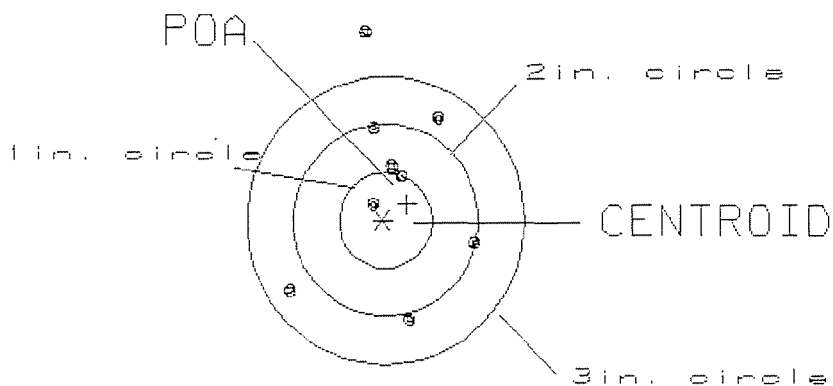
PATTERN #: 5

POA TO CENTROID: .315
 MIN RADIUS : .213
 MEAN RADIUS : 1.199
 MAX RADIUS : 3.229
 CENTROID X : -.264
 CENTROID Y : -.172

9 Feb 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/e6413546.1

CENTERFIRE PATTERN # 5



OF SHOTS= 10

IN CIRCLE

4S= 2.00

2

US= 5.13

3

GS= 5.14

8

21 DAY TURN - AROUND

M-24

CONTRACT # DAAA09-92-C-0834

R&E NO.

SERIAL NO.

E641 3546

LOG IN DATE: / /		DATE	INIT.
INSPECT & VERIFY:			
OP. #	OP. NAME		
550	DIS-ASSEMBLE GUN		
560 A	RE-BARREL AT CUSTOM SHOP		
B	DRILL & TAP		
C	POLISH		
575	ASSEMBLE		
600	PROOF	12-12-99	RW
605	CHECK HEADSPACE	12-12-99	RW
610	DIS-ASSEMBLE		
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	2-3-00	RW
655	FINAL INSPECT	2-8-00	RW
660	PACK		

QAR INSPECTION

SHIP DATE

Final Inspection

Sn: E6413546

DATE REC'D: 10-18-99

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: