

G6863548
Replaces

07/22/09 10:28:13

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: RE00171685

Serial: G6535239 Model M24 SWS Center Fire
Caliber: 7.62 NATO

Repairman:

Status:

Closed 7/22/2009 8:48:31 AM

Verify Repair

Address Information

Customer:

☒ Received From

Return To:

☐ Received From

Name: TRANSPORTATION OFFICER

TRANSPORTATION OFFICER

Address 1: JUSPFO FOR ARKANSAS BLDG 0318

JUSPFO FOR ARKANSAS BLDG 0318

Address 2: CAMP ROBINSON

PO Box:

CAMP ROBINSON

PO Box:

City: NORTH LITTLE ROCK

NORTH LITTLE ROCK

State: AR

Zip Code: 72199

Country: US

State: AR

Zip Code: 72199

Country: US

FFL:

Contact / Condition

Problems

Estimate

History / Status

Shipping / Billing

Contact Information

Phone: NN

Fax:

Email:

Comments:

Received Condition

Fair

Condition

Notes:

CSR

Notes:

Accessories Received

Code	Desc	Qty
A007	With Stud	3
A010	Hard Case	1
A017	Scope Base	1
A057	Fit and Rear Sgt Base	1

Repair Search

Refresh

Close

naglej

7/22/2009

10:28 AM

CAPS

NUM

INS

SCRL

start

Arms Services Repair

10:28 AM

G6863548

Serial Number: ~~G6535239~~

Model: M24 SWS



RE00171685

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

R & E NUMBER 171685
SERIAL NUMBER ~~66535239~~
LOG-IN DATE 7-22-09

66863548

OPERATION #	OPERATION NAME	DATE	INITIAL
500	DIS-ASSEMBLE GUN	7-27-09	RTZ
505	RE-BARREL	7-28-09	RTZ
420	ASSEMBLE	7-28-09	RTZ
440	PROOF	7-28-09	PPD
460	CHECK HEADSPACE	7-28-09	PPD
470	DIS-ASSEMBLE GUN	7-28-09	PPD
480	MAGNAFLUX	7/31/09	(N)
510	DRILL AND TAP	7-29-09	SP
500	ROLLMARK CALIBER	7-31-09	PPD
520	GOFF BLAST BBL / REC	7/31/09	PPD
530 & 540	APPLY COATINGS	8/1/09	PPD
560	FINAL ASSEMBLY	8-6-09	RTZ
640	FUNCTION TEST AND	8-19-09	RP
650	TARGET	8-19-09	RP
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
670	FINAL INSPECTION	8-19-09	PPD
	A) HEADSPACE	PASS	RTZ
	B) TRIGGER PULL	268 261 269 270 268 8-20-09	PPD
680	F) SAFETY ON FORCE	60 60 60 8-20-09	RTZ
	G) SAFETY OFF FORCE	20 20 20 8-20-09	RTZ
690	I) FIRING PIN INDENT	023 023 023 8-20-09	RTZ
	PACK	8/20/09	FM

F006 REV 1/2009

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

USAPPC V1.10

M2400092661

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6863548.__0
FILE DATE AND TIME: 08/20/2009 05:49

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.033
The Average Y Centroid of the Five Target Set:	0.025
The Average Point of Impact of the Five Target Set:	0.042
The Average Mean Radius of the Five Target Set:	0.572
The Distance from POA to Centroid Target #1:	0.104
The Distance from Centroid Target #2 to Centroid Target #1:	0.110
The Distance from Centroid Target #3 to Centroid Target #1:	0.300
The Distance from Centroid Target #4 to Centroid Target #1:	0.279
The Distance from Centroid Target #5 to Centroid Target #1:	0.050

SERIAL NUMBER: G6863548. 0

TARGET NUMBER: 1

FILE DATE: 08/20/2009

FILE TIME: 05:49

X CENTROID: 0.053

Y CENTROID: -0.089

POA TO CENTROID: 0.104

HORZ SPREAD: 0.995

VERT SPREAD: 1.352

GROUP SPREAD: 1.425

MIN RADIUS: 0.096

MAX RADIUS: 0.929

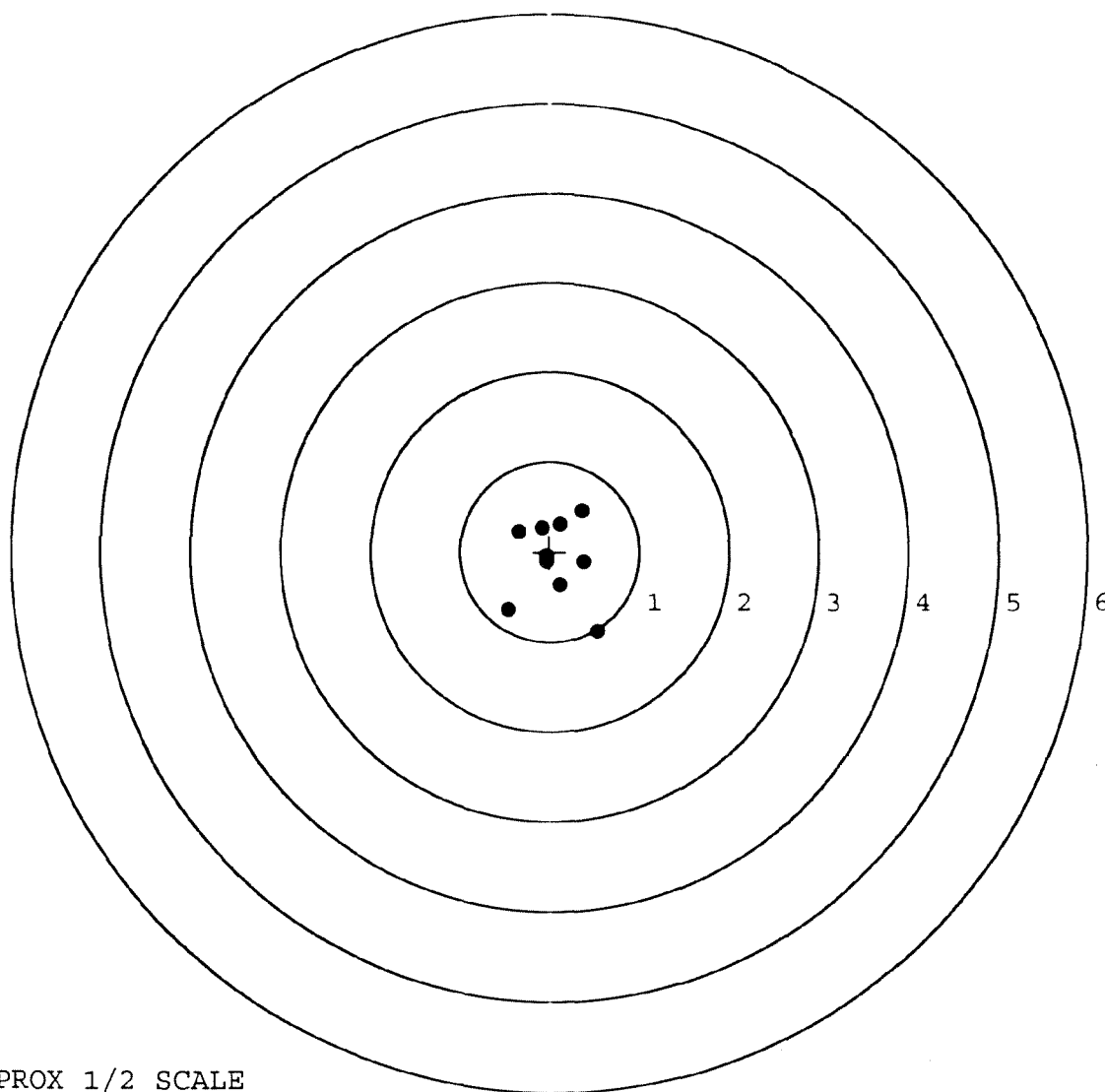
MEAN RADIUS: 0.445

IN 1 IN DIAMETER: 6

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.464	-0.646
2:	0.531	-0.886
3:	0.118	-0.373
4:	0.386	-0.109
5:	0.364	0.466
6:	-0.040	-0.112
7:	0.114	0.312
8:	-0.353	0.232
9:	-0.091	0.268
10:	-0.034	-0.045



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6863548.___0

TARGET NUMBER: 2

FILE DATE: 08/20/2009

FILE TIME: 05:49

X CENTROID: -0.015

Y CENTROID: -0.003

POA TO CENTROID: 0.015

HORZ SPREAD: 1.255

VERT SPREAD: 1.221

GROUP SPREAD: 1.553

MIN RADIUS: 0.108

MAX RADIUS: 0.977

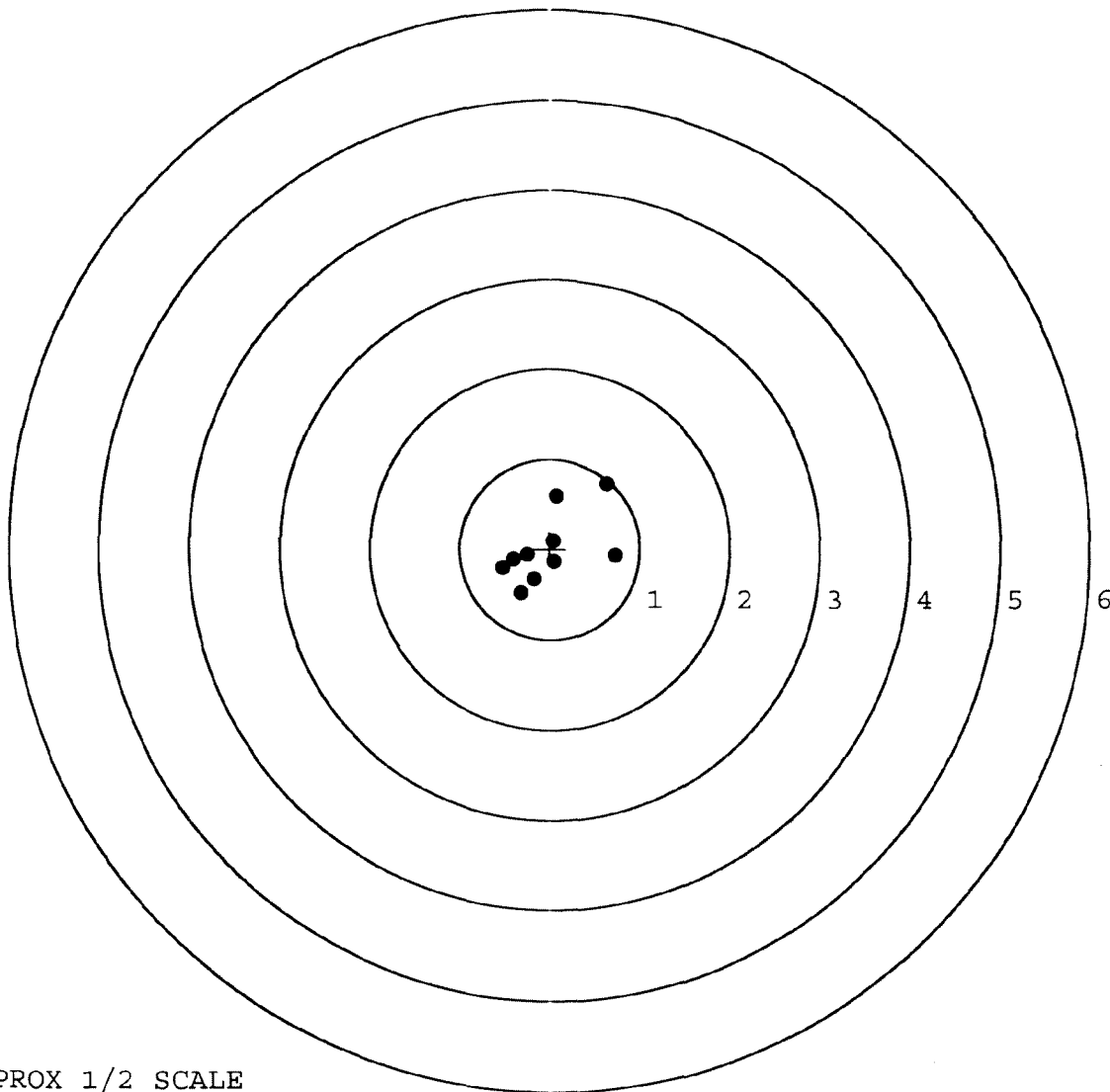
MEAN RADIUS: 0.474

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.079	0.589
2:	0.634	0.728
3:	0.730	-0.069
4:	0.043	0.088
5:	0.047	-0.145
6:	-0.176	-0.338
7:	-0.326	-0.493
8:	-0.250	-0.064
9:	-0.402	-0.114
10:	-0.525	-0.211



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6863548. __0

TARGET NUMBER: 3

FILE DATE: 08/20/2009

FILE TIME: 05:49

POINT#	X	Y
1:	-0.986	-0.248
2:	0.527	-0.609
3:	0.118	-0.373
4:	0.110	-0.014
5:	0.265	0.283
6:	0.468	-0.058
7:	-0.381	0.319
8:	-0.347	0.005
9:	-0.617	-0.014
10:	-0.478	2.178

X CENTROID: -0.132

Y CENTROID: 0.147

POA TO CENTROID: 0.198

HORZ SPREAD: 1.513

VERT SPREAD: 2.787

GROUP SPREAD: 2.963

MIN RADIUS: 0.258

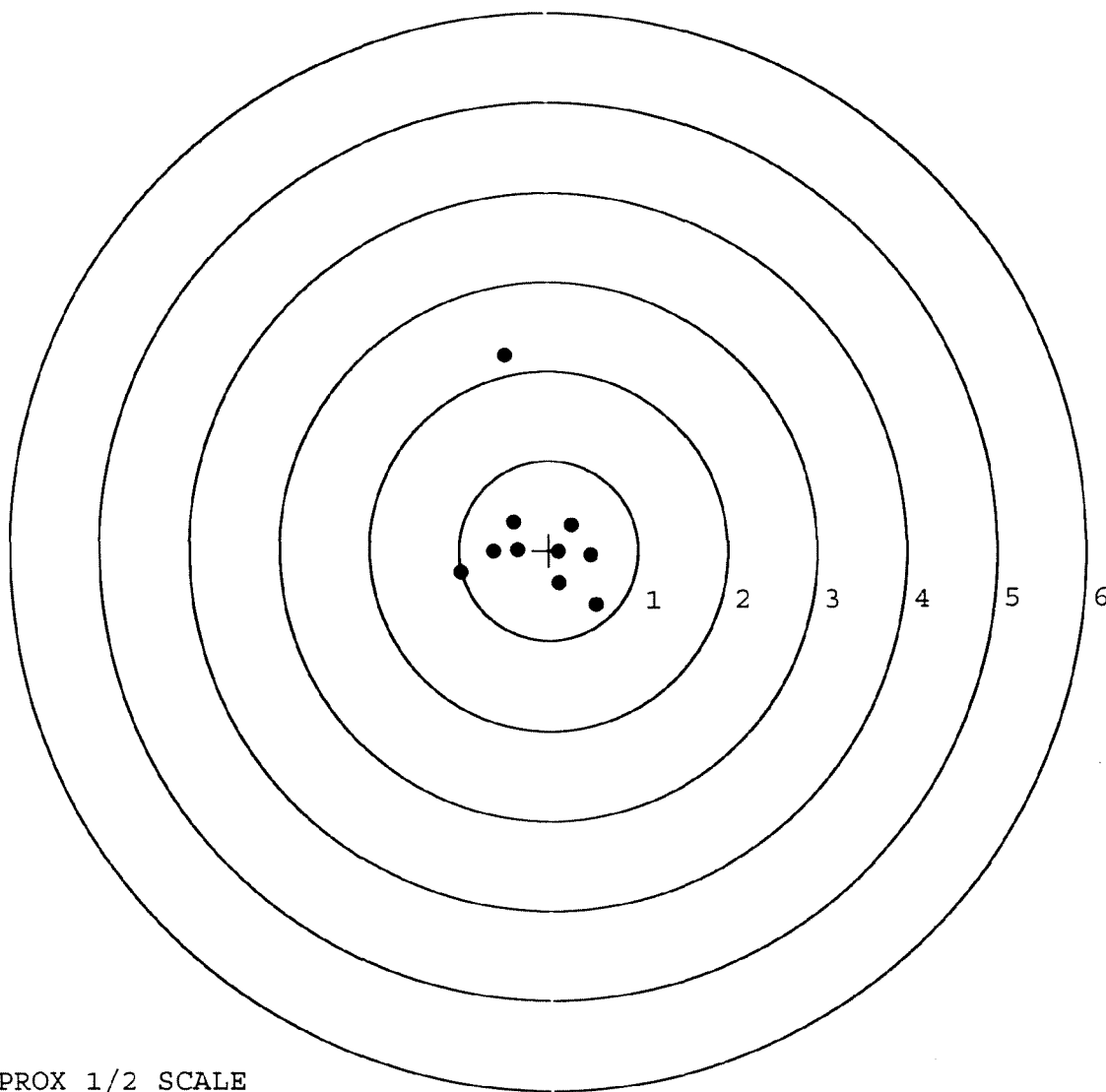
MAX RADIUS: 2.060

MEAN RADIUS: 0.700

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6863548. __ 0

TARGET NUMBER: 4

FILE DATE: 08/20/2009

FILE TIME: 05:49

POINT#	X	Y
1:	0.095	1.281
2:	0.025	0.377
3:	0.556	0.621
4:	0.645	-0.296
5:	0.386	-0.150
6:	0.196	-0.502
7:	-0.443	-0.390
8:	-0.863	-0.059
9:	-0.800	0.361
10:	-0.541	0.350

X CENTROID: -0.074

Y CENTROID: 0.159

POA TO CENTROID: 0.176

HORZ SPREAD: 1.508

VERT SPREAD: 1.783

GROUP SPREAD: 1.786

MIN RADIUS: 0.239

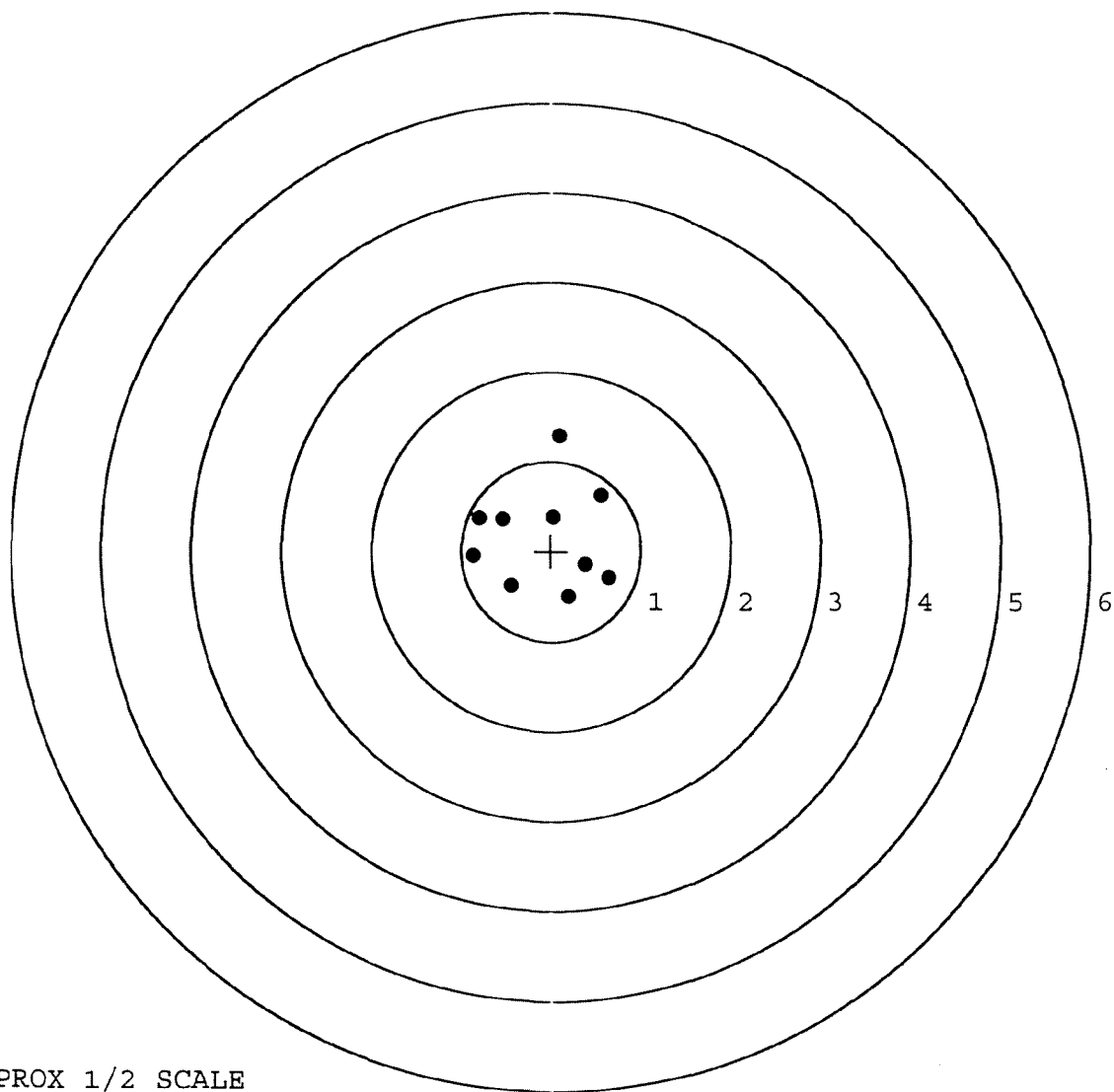
MAX RADIUS: 1.134

MEAN RADIUS: 0.701

IN 1 IN DIAMETER: 1

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6863548. __ 0

TARGET NUMBER: 5

FILE DATE: 08/20/2009

FILE TIME: 05:49

POINT#	X	Y
1:	0.036	0.765
2:	-0.180	0.437
3:	0.357	0.146
4:	-1.098	-0.049
5:	0.567	-0.663
6:	0.421	-0.331
7:	0.140	-0.611
8:	-0.001	-0.017
9:	-0.329	-0.318
10:	0.115	-0.233

X CENTROID: 0.003

Y CENTROID: -0.087

POA TO CENTROID: 0.087

HORZ SPREAD: 1.665

VERT SPREAD: 1.428

GROUP SPREAD: 1.775

MIN RADIUS: 0.071

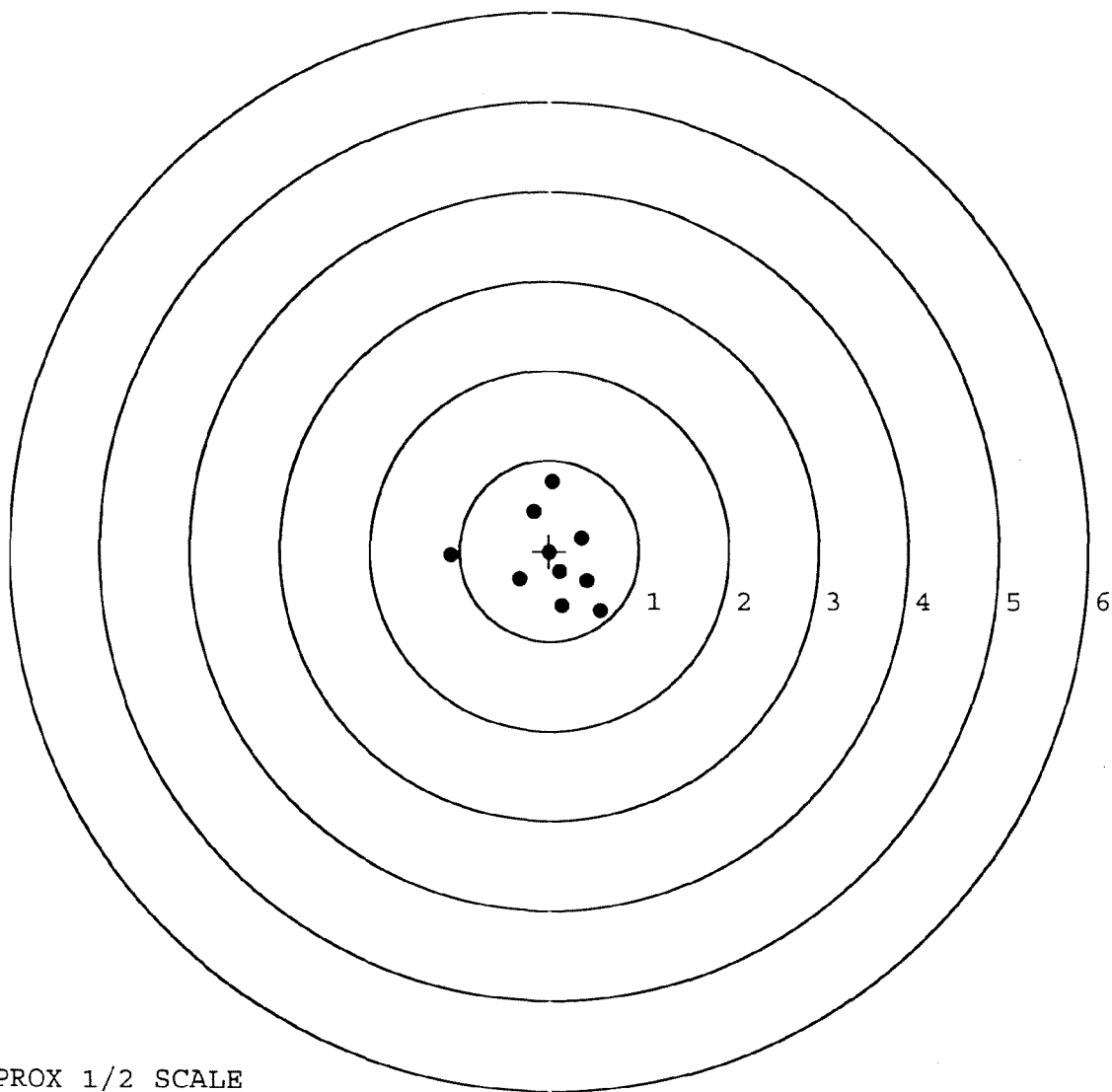
MAX RADIUS: 1.101

MEAN RADIUS: 0.542

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

Arms Services Repair & Estimate System

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

Repair Inquiry

Repair Number: RE00113112

Serial: C6523352 Model M24 SWS Center Fire
Caliber: 7.62 NATO

Repairman:

Status:

New 6/1/2006 11:08:02 AM

Verify Repair

Address Information

Customer: ☒ Received From Return To: ☐ Received From
Name: TRANSPORTATION OFFICER TRANSPORTATION OFFICER
Address 1: USPFO FOR ARKANSAS BLDG 318 USPFO FOR ARKANSAS BLDG 318
Address 2: CAMP JOSEPH T ROBINSON PO Box: CAMP JOSEPH T ROBINSON PO Box:
City: NORTH LITTLE ROCK NORTH LITTLE ROCK
State: AR Zip Code: 72199 Country: US State: AR Zip Code: 72199 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
A017	Scope Base	1
A057	Frt and Rear Sgt Base	1

Repair Search

nagletj

6/1/2006

3:17 PM

CAPS

NUM

Refresh

Close

SCRL

G6535239

Serial Number: **C6523352**
Model: **M24 SWS**

RE00113112

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6535239.___0
FILE DATE AND TIME: 06/21/2006 16:23

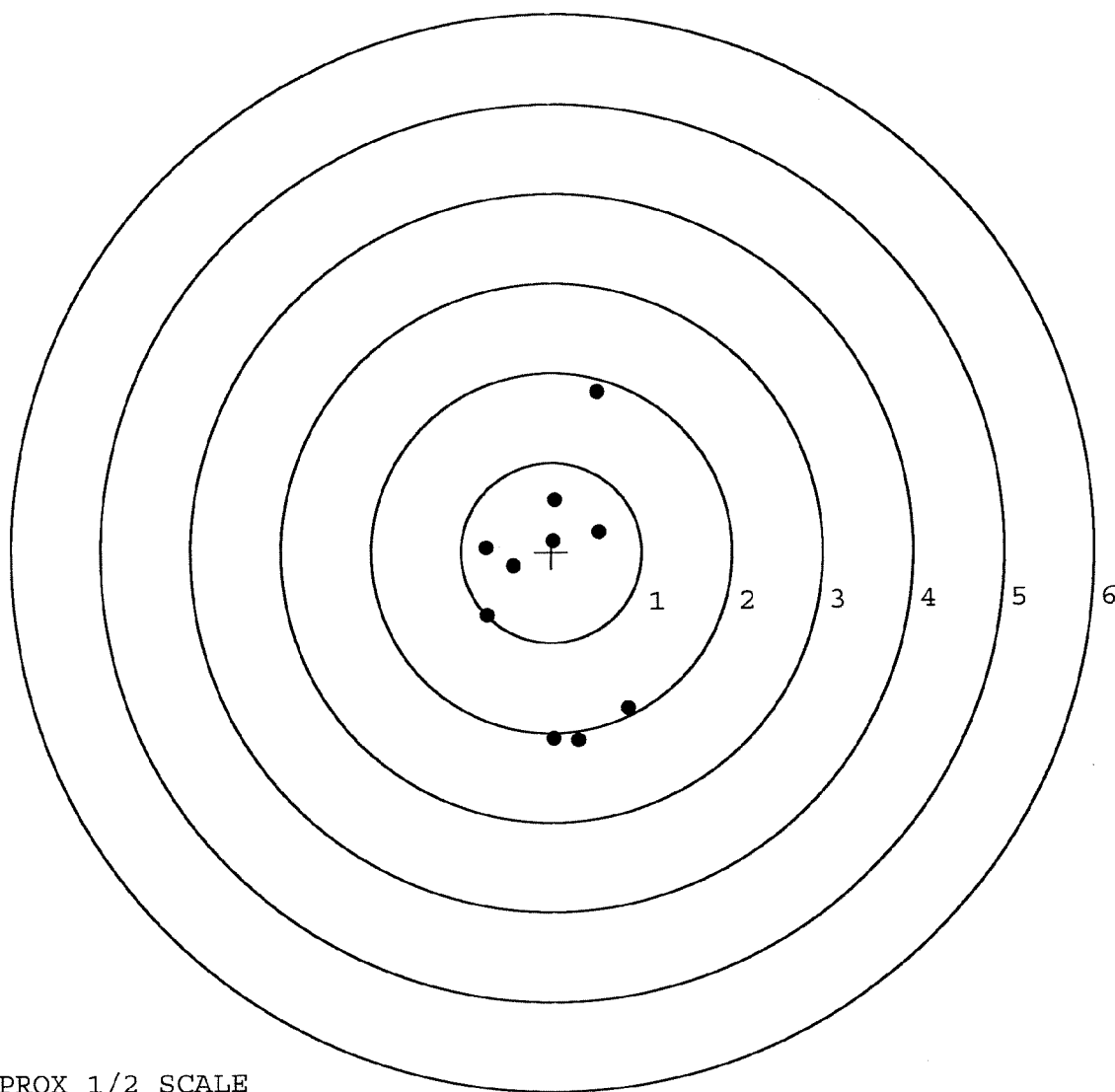
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.018
The Average Y Centroid of the Five Target Set:	-0.145
The Average Point of Impact of the Five Target Set:	0.146
The Average Mean Radius of the Five Target Set:	0.818
The Distance from POA to Centroid Target #1:	0.402
The Distance from Centroid Target #2 to Centroid Target #1:	0.405
The Distance from Centroid Target #3 to Centroid Target #1:	0.368
The Distance from Centroid Target #4 to Centroid Target #1:	0.478
The Distance from Centroid Target #5 to Centroid Target #1:	0.303

SERIAL NUMBER: G6535239. __0
TARGET NUMBER: 1
FILE DATE: 06/21/2006
FILE TIME: 16:23

X CENTROID: 0.040
Y CENTROID: -0.400
POA TO CENTROID: 0.402
HORZ SPREAD: 1.561
VERT SPREAD: 3.874
GROUP SPREAD: 3.885
MIN RADIUS: 0.520
MAX RADIUS: 2.234
MEAN RADIUS: 1.169
IN 1 IN DIAMETER: 0
IN 2 IN DIAMETER: 6
in 3 IN DIAMETER: 6

POINT#	X	Y
1:	0.517	1.783
2:	0.042	0.585
3:	0.527	0.220
4:	0.024	0.122
5:	-0.421	-0.160
6:	-0.722	0.051
7:	-0.714	-0.702
8:	0.019	-2.070
9:	0.293	-2.091
10:	0.839	-1.738

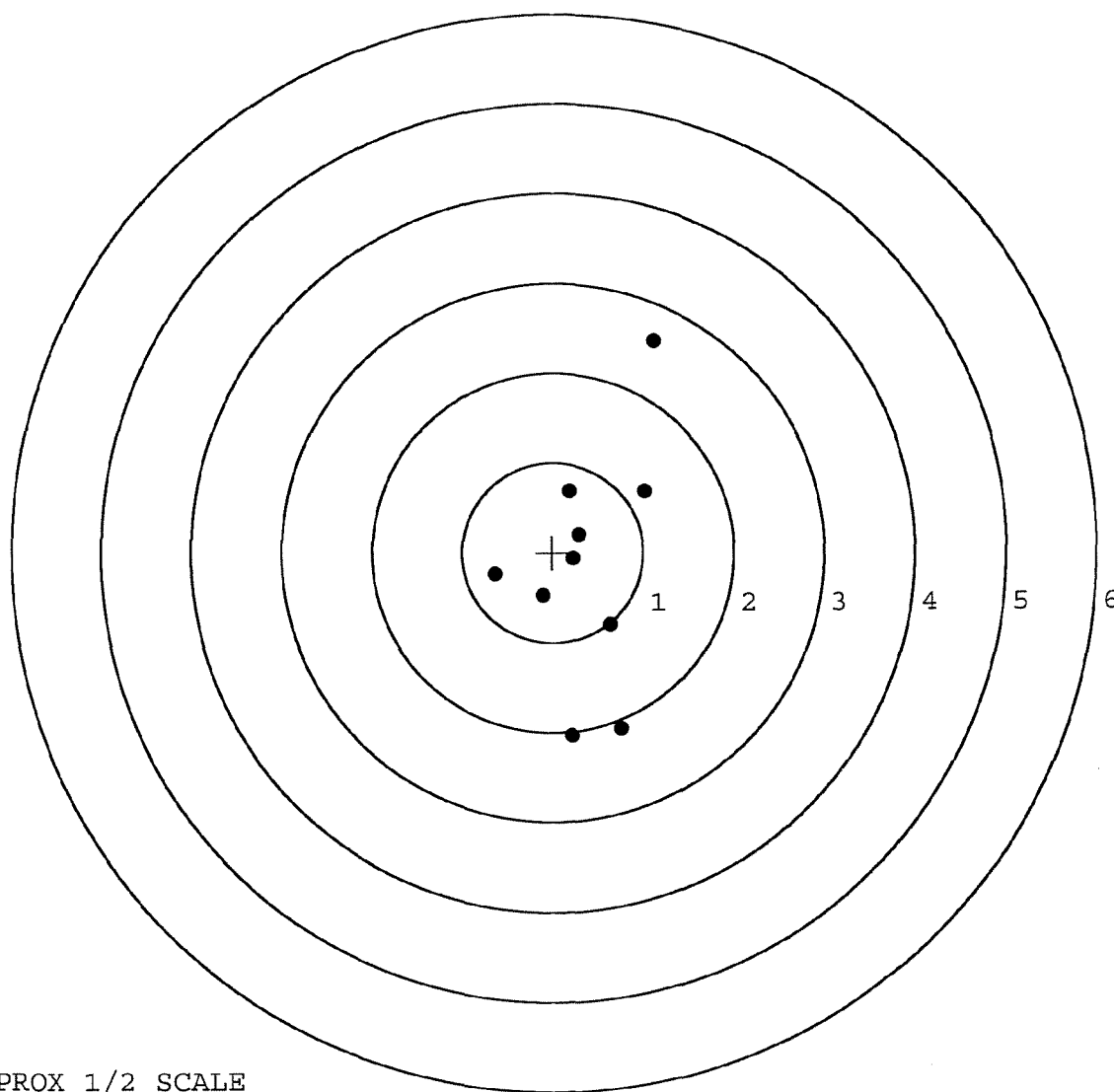


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6535239. __ 0
TARGET NUMBER: 2
FILE DATE: 06/21/2006
FILE TIME: 16:23

X CENTROID: 0.372
Y CENTROID: -0.167
POA TO CENTROID: 0.407
HORZ SPREAD: 1.758
VERT SPREAD: 4.402
GROUP SPREAD: 4.493
MIN RADIUS: 0.174
MAX RADIUS: 2.635
MEAN RADIUS: 1.113
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 5
in 3 IN DIAMETER: 7

POINT#	X	Y
1:	1.121	2.359
2:	0.192	0.683
3:	1.020	0.686
4:	0.287	0.203
5:	0.229	-0.068
6:	-0.637	-0.242
7:	-0.113	-0.481
8:	0.639	-0.804
9:	0.759	-1.963
10:	0.219	-2.043

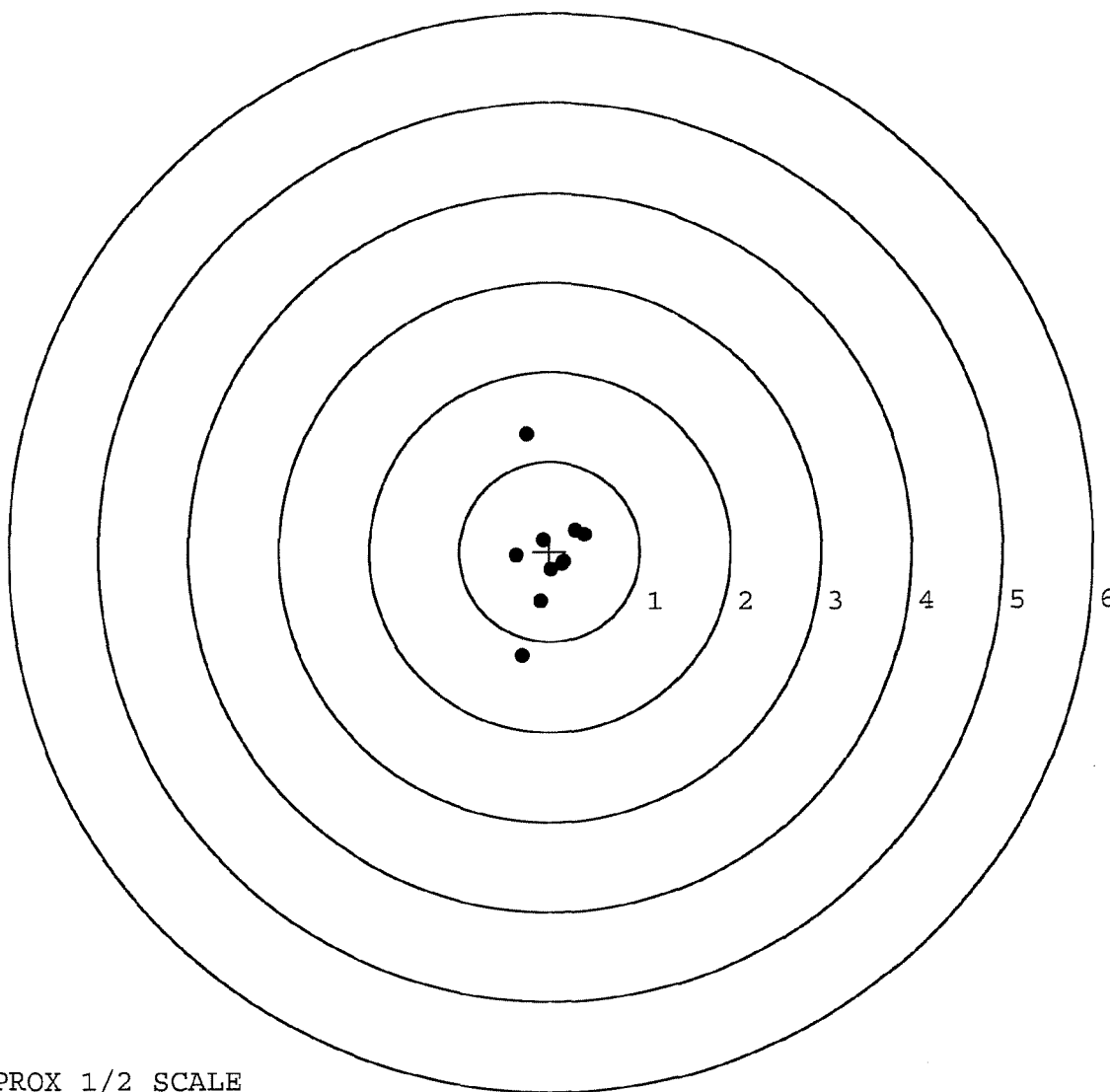


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6535239. 0
TARGET NUMBER: 3
FILE DATE: 06/21/2006
FILE TIME: 16:23

X CENTROID: -0.011
Y CENTROID: -0.035
POA TO CENTROID: 0.037
HORZ SPREAD: 0.752
VERT SPREAD: 2.462
GROUP SPREAD: 2.462
MIN RADIUS: 0.168
MAX RADIUS: 1.358
MEAN RADIUS: 0.500
IN 1 IN DIAMETER: 7
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.254	1.301
2:	-0.370	-0.046
3:	-0.070	0.128
4:	0.281	0.243
5:	0.382	0.198
6:	0.145	-0.139
7:	-0.105	-0.560
8:	-0.301	-1.161
9:	0.015	-0.201
10:	0.164	-0.116

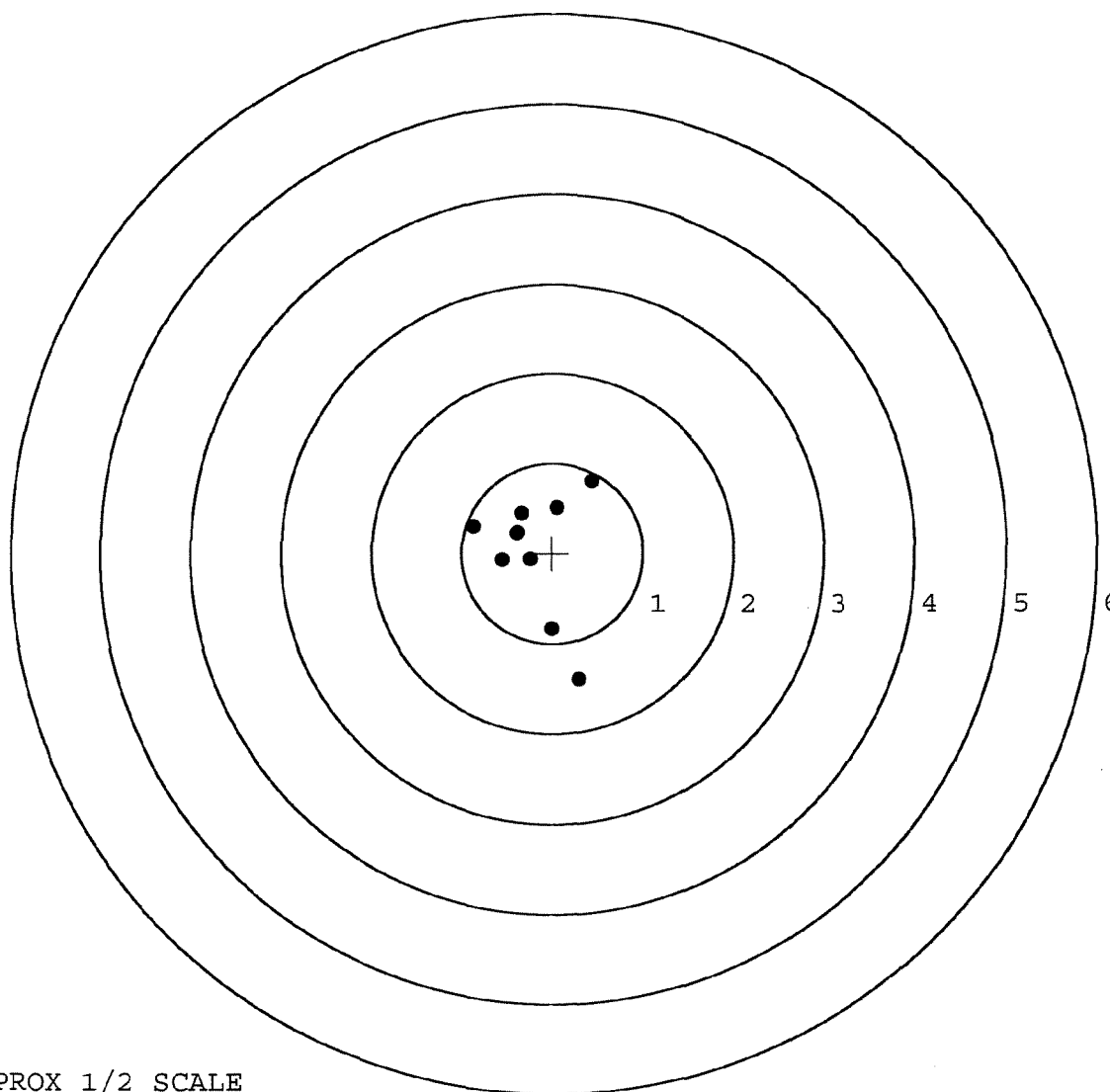


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6535239. __0
TARGET NUMBER: 4
FILE DATE: 06/21/2006
FILE TIME: 16:23

X CENTROID: -0.203
Y CENTROID: 0.012
POA TO CENTROID: 0.203
HORZ SPREAD: 1.312
VERT SPREAD: 2.205
GROUP SPREAD: 2.209
MIN RADIUS: 0.090
MAX RADIUS: 1.501
MEAN RADIUS: 0.616
IN 1 IN DIAMETER: 5
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 9

POINT#	X	Y
1:	-0.875	0.294
2:	-0.548	-0.075
3:	-0.246	-0.067
4:	-0.396	0.226
5:	-0.346	0.442
6:	0.049	0.505
7:	0.437	0.805
8:	-0.012	-0.841
9:	0.305	-1.400
10:	-0.393	0.233



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6535239. __0

TARGET NUMBER: 5

FILE DATE: 06/21/2006

FILE TIME: 16:23

POINT#	X	Y
1:	-0.190	0.607
2:	-1.002	0.398
3:	-0.755	0.237
4:	-0.567	-0.107
5:	0.086	-0.310
6:	0.320	-0.236
7:	0.386	0.088
8:	0.990	-0.320
9:	-0.052	-1.539
10:	-0.301	-0.174

X CENTROID: -0.108

Y CENTROID: -0.136

POA TO CENTROID: 0.174

HORZ SPREAD: 1.992

VERT SPREAD: 2.146

GROUP SPREAD: 2.157

MIN RADIUS: 0.196

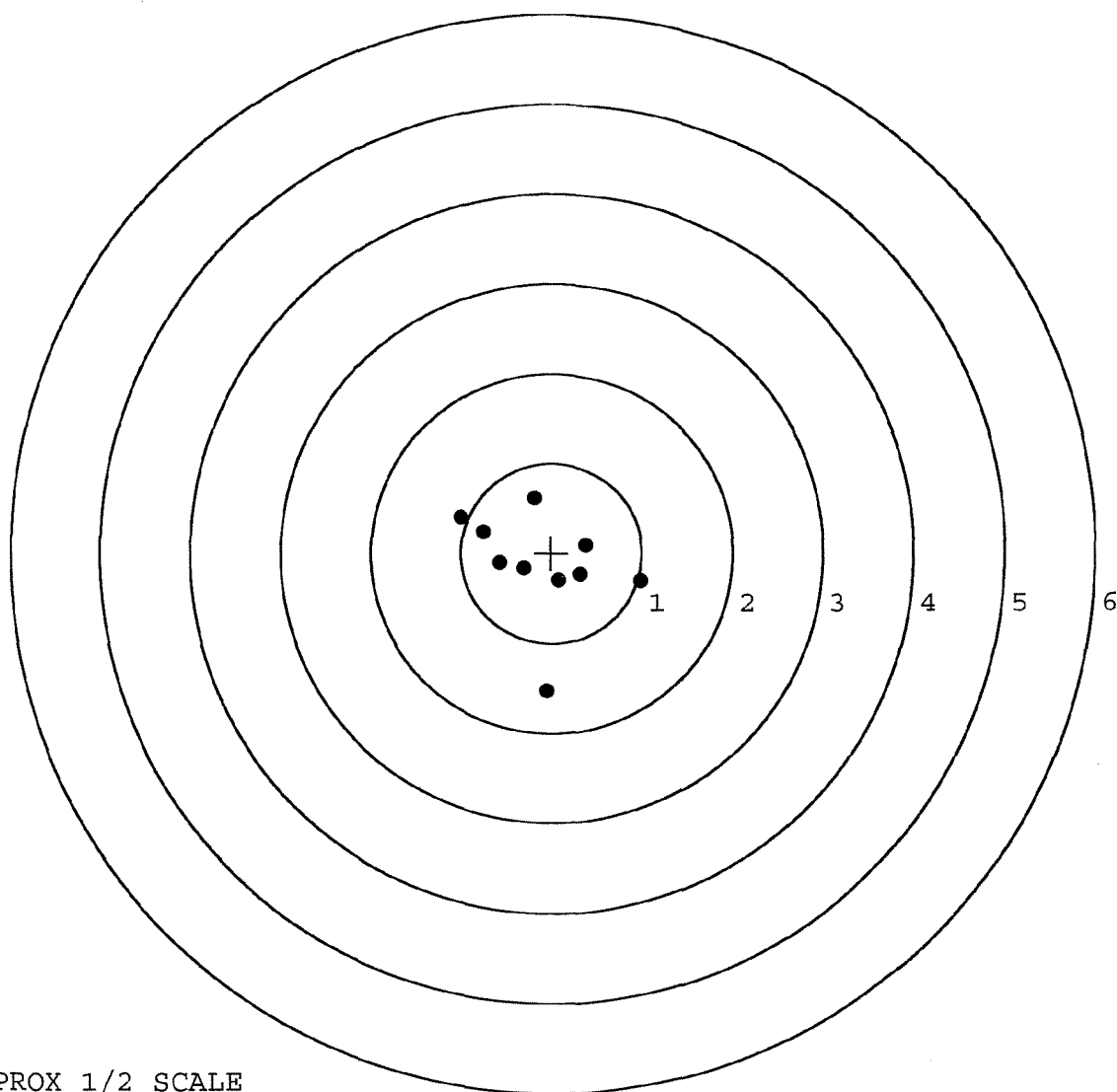
MAX RADIUS: 1.405

MEAN RADIUS: 0.695

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

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

3 of 10

R & E NUMBER	00113112		Markmanship Training Center	
SERIAL NUMBER	66523352		66535239	
LOG-IN DATE	6-1-06			
OPERATION #	OPERATION NAME		DATE	INITIAL
500	DIS-ASSEMBLE GUN		6-5-06	AC
505	RE-BARREL		6-6-06	AC
560	ASSEMBLE		6-6-06	AC
600	PROOF	MAGNA-FLUX INSPECTED	6-7-06	R.P.
605	CHECK HEADSPACE	JUN 09 2006	6-7-06	R.P.
610	DIS-ASSEMBLE GUN		6-7-06	AC
612	MAGNAFLUX	OPERATOR <u>CPD</u>	6-9-06	APD
510	DRILL AND TAP		6-8-06	TRW
615	ROLLMARK CALIBER		6-9-06	C.W.
618	ROTO-BLAST		6-9-06	LB
620	APPLY COATINGS		6/13/06	FB
625	FINAL ASSEMBLY		6-19-06	L.P.D.
640	FUNCTION TEST AND	PASS FAIL	6-21-06	L.P.D.
650	TARGET	PASS FAIL	6-21-06	L.P.D.
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
670	FINAL INSPECTION		6-21-06	mjm
	A) HEADSPACE	PASS FAIL	6-21-06	mjm
	B) TRIGGER PULL	+/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS		
680	F) SAFETY ON FORCE	2 LBS MIN 10 LBS MAX	9 lbs 9 lbs 9 lbs 6-21-06	mjm
	G) SAFETY OFF FORCE	2 LBS MIN	6 lbs 6 lbs 6 lbs 6-21-06	mjm
	I) FIRING PIN INDENT	.020	.023 .023 .023 6-21-06	mjm
690	PACK		7-5-06	DA

Repair Inquiry

Repair Number: RE00068106

Serial: C6523352 Model 700 Center Fire Caliber: 7
62 NATO M/24 SWS

Repairman:

Verify Repair

Status:

Closed 7/28/2003 11:17:08 AM

Address Information

Customer:

☒ Received From

Return To:

☐ Received From

Name: USPFO FOR ARK

USPFO FOR ARK

Address 1: CAMP J T ROBINSON

CAMP J T ROBINSON

Address 2:

PO Box:

CAMP J T ROBINSON

PO Box:

City: NORTH LITTLE ROCK

NORTH LITTLE ROCK

State: AR

Zip Code: 72119

Country: US

State: AR

Zip Code: 72119

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	3
A017	Scope Base	1
C000	FRONT AND REAR B.	1

Repair Search

Refresh

Close

naglelj

7/28/2003

12:46 PM

CAPS

NUM

JNS

SCRL

start

6 Mbr

4 Mbr

Arms Serv

My Exch

Malfunc

2 Mbr

Part Ser

12:46 PM

Serial Number: C6523352

Model: 700



RE00068106

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6523352. __0
FILE DATE AND TIME: 02/19/2003 06:37

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.001
The Average Y Centroid of the Five Target Set:	-0.015
The Average Point of Impact of the Five Target Set:	0.015
The Average Mean Radius of the Five Target Set:	0.624
The Distance from POA to Centroid Target #1:	0.160
The Distance from Centroid Target #2 to Centroid Target #1:	0.444
The Distance from Centroid Target #3 to Centroid Target #1:	0.070
The Distance from Centroid Target #4 to Centroid Target #1:	0.180
The Distance from Centroid Target #5 to Centroid Target #1:	0.176

SERIAL NUMBER: C6523352. 0

TARGET NUMBER: 1

FILE DATE: 03/19/2003

FILE TIME: 06:37

X CENTROID: 0.155

Y CENTROID: -0.040

POA TO CENTROID: 0.160

HORZ SPREAD: 2.516

VERT SPREAD: 1.419

GROUP SPREAD: 2.516

MIN RADIUS: 0.115

MAX RADIUS: 1.280

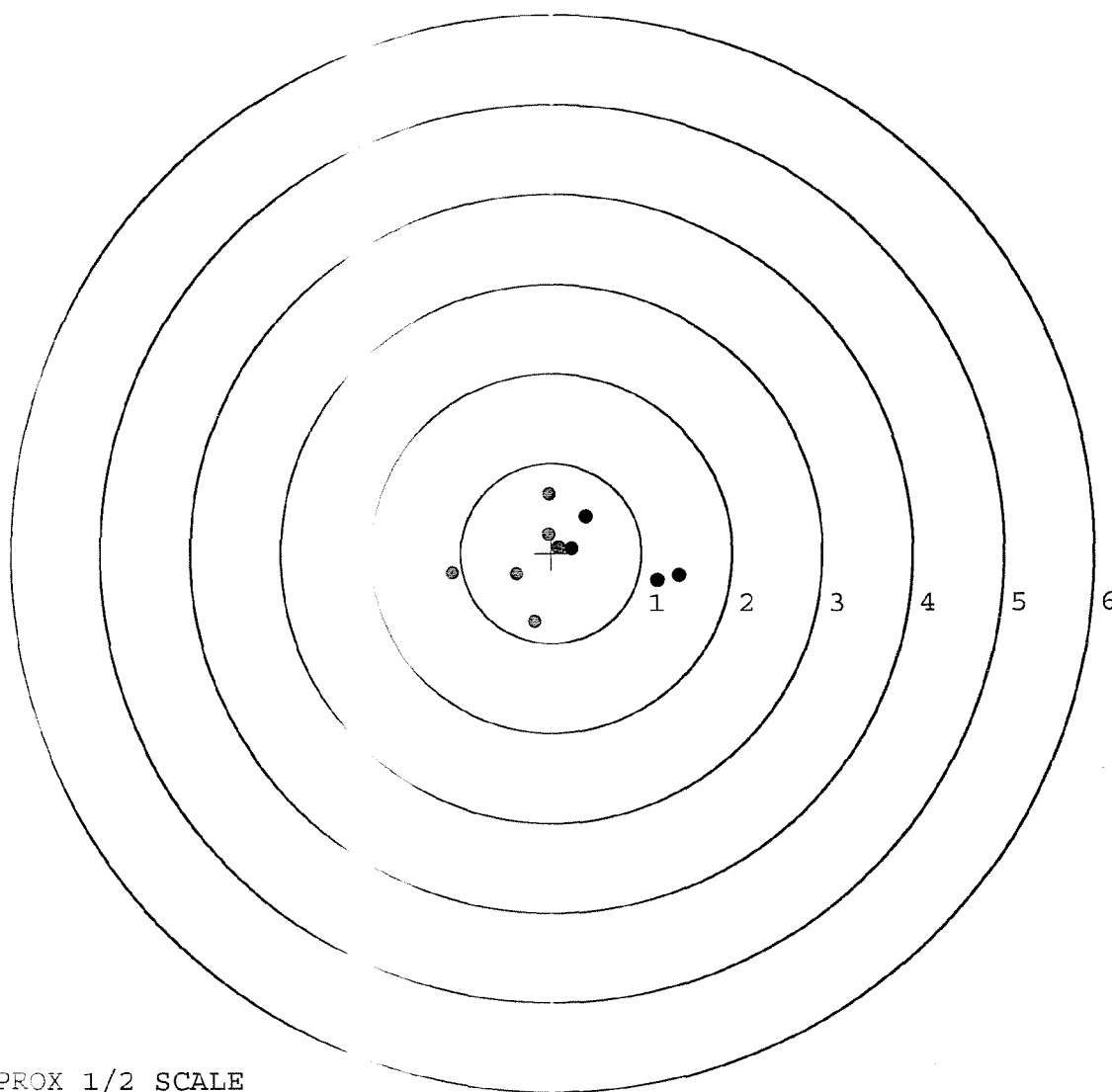
MEAN RADIUS: 0.675

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	1.418	-0.249
2:	1.176	-0.304
3:	-0.192	-0.762
4:	-0.384	-0.235
5:	-1.098	-0.233
6:	-0.029	0.657
7:	0.383	0.407
8:	0.228	0.049
9:	0.081	0.064
10:	-0.034	0.208

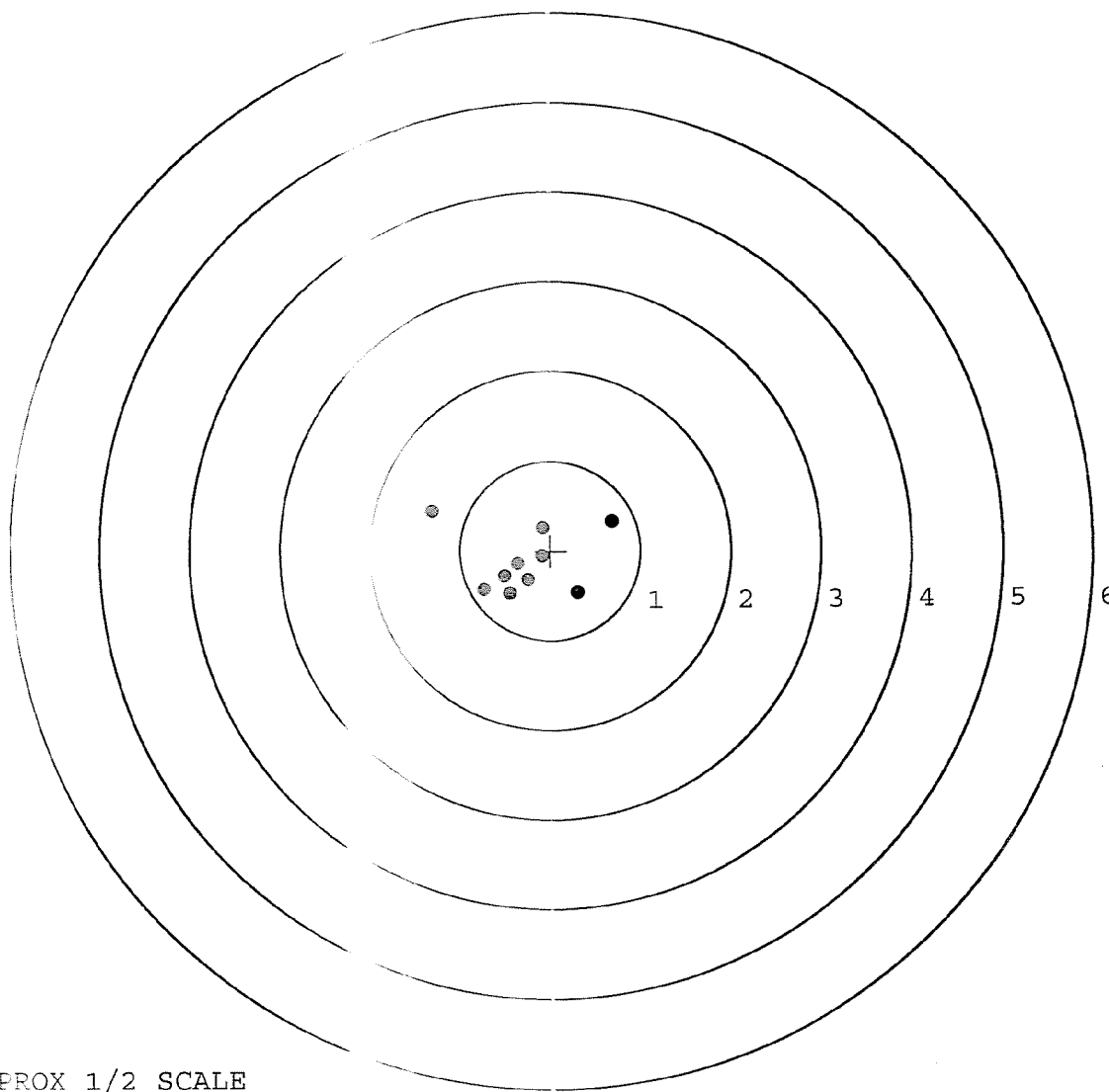


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6523352. __0
TARGET NUMBER: 2
FILE DATE: 08/19/2003
FILE TIME: 06:37

X CENTROID: -0.281
Y CENTROID: -0.120
POA TO CENTROID: 0.306
HORZ SPREAD: 1.991
VERT SPREAD: 0.934
GROUP SPREAD: 1.995
MIN RADIUS: 0.090
MAX RADIUS: 1.172
MEAN RADIUS: 0.508
IN 1 IN DIAMETER: 6
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.306	-0.467
2:	0.684	0.328
3:	-1.307	0.448
4:	-0.737	-0.436
5:	-0.451	-0.486
6:	-0.507	-0.292
7:	-0.247	-0.333
8:	-0.366	-0.151
9:	-0.100	-0.065
10:	-0.090	0.257



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6523352. 0

TARGET NUMBER: 3

FILE DATE: 08/19/2003

FILE TIME: 06:37

X CENTROID: 0.086

Y CENTROID: -0.045

POA TO CENTROID: 0.097

HORZ SPREAD: 1.414

VERT SPREAD: 1.996

GROUP SPREAD: 2.105

MIN RADIUS: 0.139

MAX RADIUS: 1.143

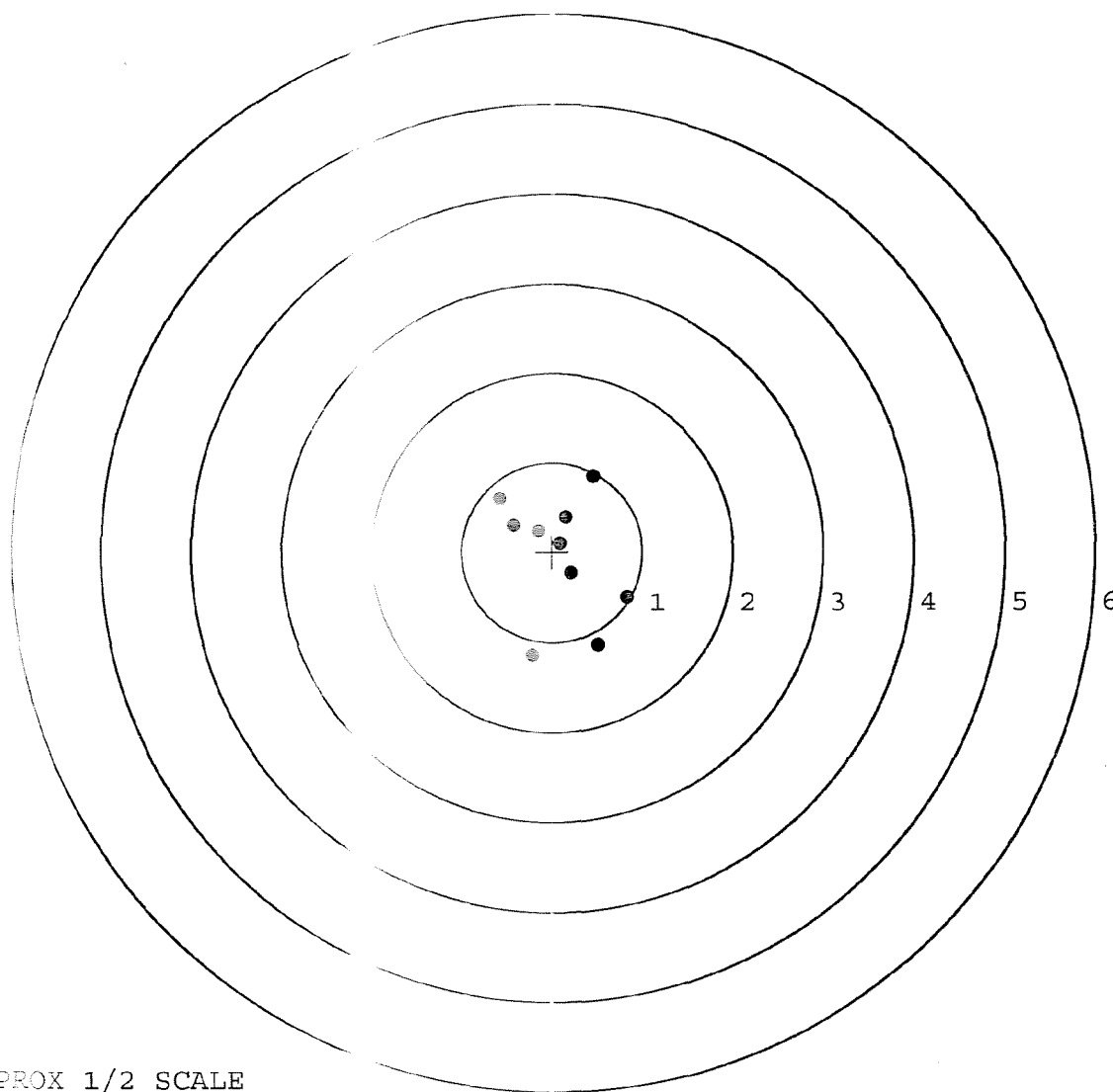
MEAN RADIUS: 0.679

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.830	-0.502
2:	0.507	-1.033
3:	-0.214	-1.148
4:	0.211	-0.234
5:	0.455	0.848
6:	0.150	0.391
7:	-0.158	0.236
8:	-0.432	0.298
9:	-0.584	0.598
10:	0.091	0.094

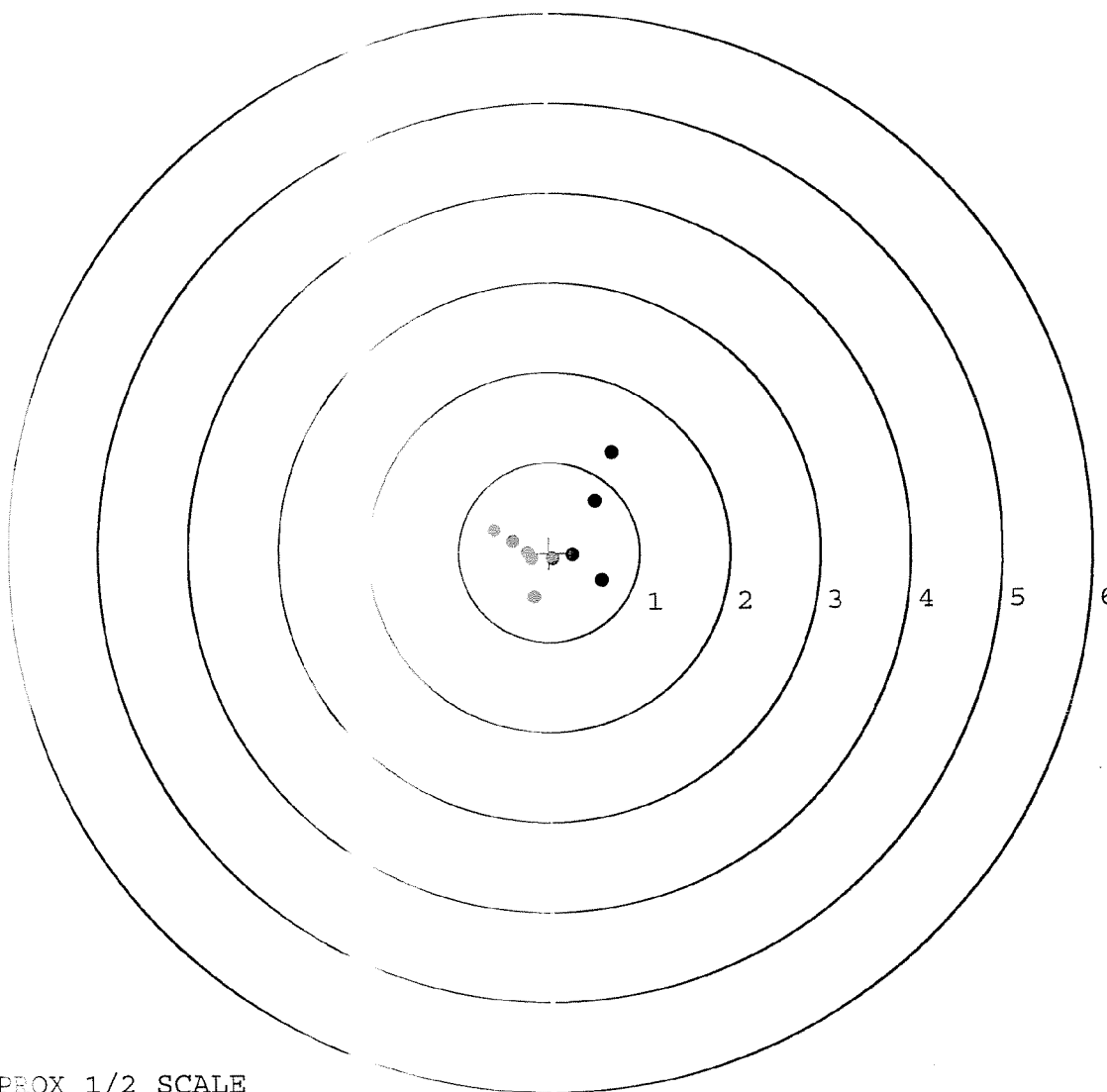


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6523352. __0
TARGET NUMBER: 4
FILE DATE: 08/19/2003
FILE TIME: 06:37

X CENTROID: 0.045
Y CENTROID: 0.103
POA TO CENTROID: 0.113
HORZ SPREAD: 1.305
VERT SPREAD: 1.608
GROUP SPREAD: 1.826
MIN RADIUS: 0.174
MAX RADIUS: 1.193
MEAN RADIUS: 0.532
IN 1 IN DIAMETER: 5
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 10

OINT#	X	Y
1:	0.583	-0.317
2:	0.507	0.567
3:	0.696	1.103
4:	0.255	-0.027
5:	0.034	-0.070
6:	-0.170	-0.505
7:	-0.196	-0.071
8:	-0.404	0.121
9:	-0.609	0.245
10:	-0.242	-0.013

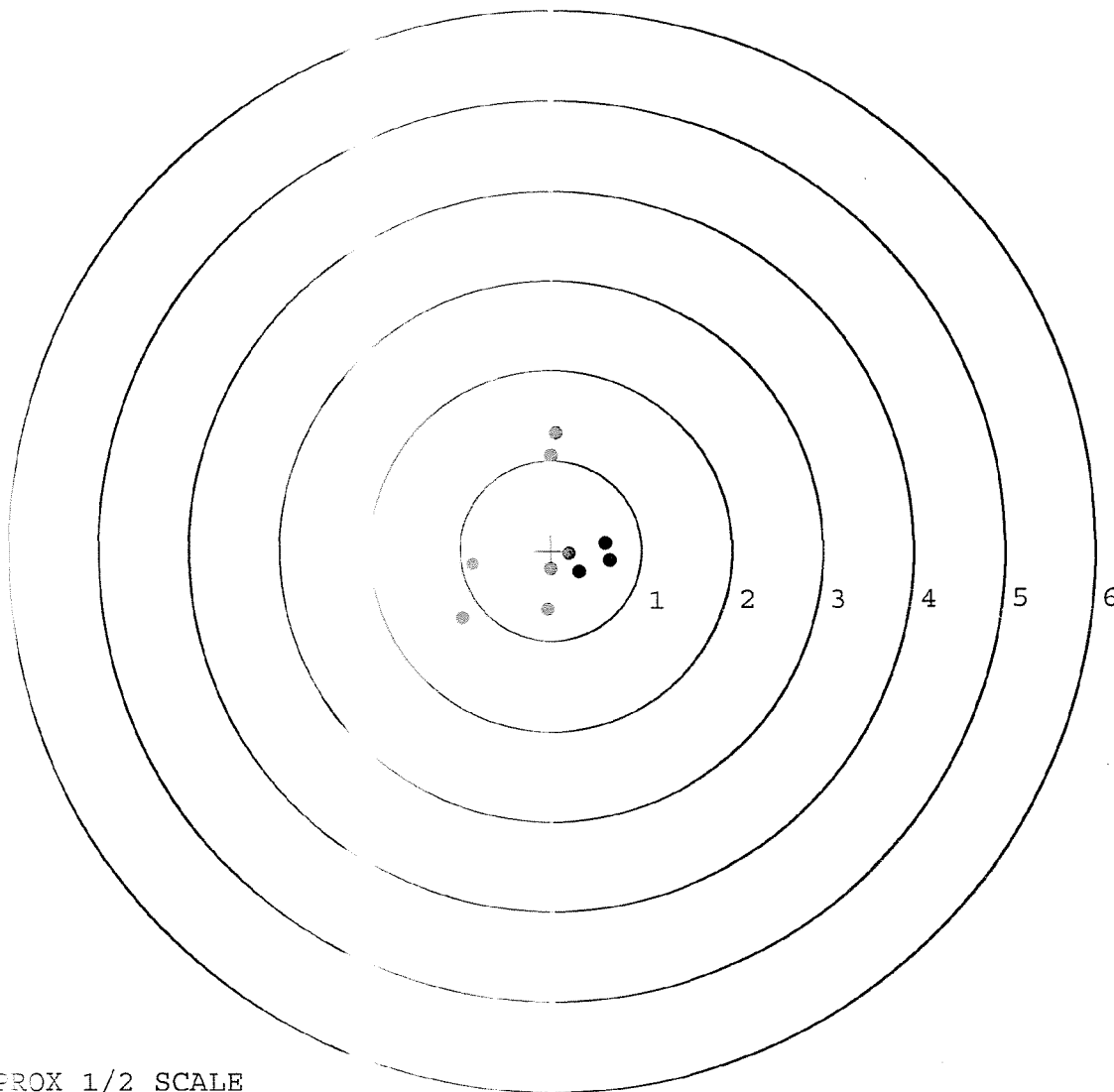


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6523352. __0
TARGET NUMBER: 5
FILE DATE: 08/19/2003
FILE TIME: 06:37

X CENTROID: -0.009
Y CENTROID: 0.026
POA TO CENTROID: 0.027
HORZ SPREAD: 1.626
VERT SPREAD: 2.067
GROUP SPREAD: 2.310
MIN RADIUS: 0.214
MAX RADIUS: 1.281
MEAN RADIUS: 0.727
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 7
in 3 IN DIAMETER: 10

QINT#	X	Y
1:	0.649	-0.118
2:	0.598	0.081
3:	0.196	-0.035
4:	0.309	-0.243
5:	-0.042	-0.662
6:	-0.861	-0.160
7:	-0.977	-0.762
8:	-0.003	1.059
9:	0.054	1.305
10:	-0.013	-0.209



TARGET APPROX 1/2 SCALE

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

SERIAL # C6523352

INSPECTED BY: RTL

DATE REC'D: 7-28-03

DATE RET'D: 8-20-03

ITEM

BARREL ASSEMBLY

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

SCOPE ASSEMBLY

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

ITEM

STOCK ASSEMBLY

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

SYSTEMS CASE

☐ SCOPE CASE
☐ IRON SIGHTS
☐ DEPLOYMENT KIT

TRIGGER ASSEMBLY

☒ SAFETY OPERATION
☒ RE-SET TO FACTORY SPECS

COMMENTS:

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

R & E NUMBER	68106		
SERIAL NUMBER	C6523352		
LOG-IN DATE	7-28-03		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	7-28-03	RTL
560 A	RE-BARREL	8-7-03	RTL
B	DRILL AND TAP	8-11-03	TRW
575	ASSEMBLE	8-11-03	RTL
600	PROOF	8-11-03	AC
605	CHECK HEADSPACE	8-11-03	AC
610	DIS-ASSEMBLE GUN	8-11-03	RTL
612	MAGNAFLUX		
615	ROLLMARK CALIBER	8-12-03	SB
618	ROTO-BLAST	8-13-03	JB
620	APPLY COATINGS	8-14	TA
625 A	FINAL ASSEMBLY	8-18-03	RTL
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE		
D	SAFETY "OFF" FORCE		
E	FIRING PIN INDENT		
640	TARGET	8-19-03	TRW
655	FINAL INSPECT	8-20-03	RTL
660	PACK	8-20-03	OTA
		SHIP DATE	
	QAR INSPECTION DATE		

Remington®
REG. U.S. PAT. & TM. OFF.

MODEL 700™ H24

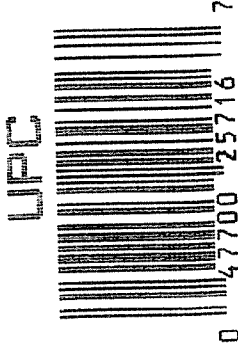
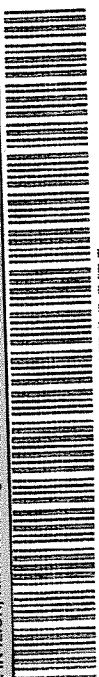
VERY IMPORTANT:
 Instruction Book
 enclosed to assure
 safe use of this
 firearm.

DUPONT
REG. U.S. PAT. & TM. OFF.

SERIAL NO.
 C6523352

ORDER NO.
 5716

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



CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6523352

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	QUALITY AUDIT	9 24 90	RW
600	Proof		9 24 90	RW
607	Check Headspace		9 24 90	RW
610	Dis-assemble Gun		9 24 90	RW
612	Magnaflux Barrel Action		9-25-90	KR
	Magnaflux Bolt		9-25-90	KR
615	Rollmark Caliber		9-25-90 G.S.	
617	Drill and Tap Sight Holes		9-25-90	FB
618	Polish Barrel RB		9/24/90	WB
620	Apply Coatings (Barrel Action)		10-2-90	FA
	Apply Coating (Bolt)			
625	Final Assembly			
	A) Clean inside of Bolt Assembly		10/8/90	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		10/8/90	RW
	C) Inspect Ejector Hole for Chamfer		10/8/90	RW
	D) Oil Firing Pin Ass'y		10/8/90	RW
	E) Adjust Trigger Pull to Min Setting and Stake		10/9/90	WB

op. #	OP. NAME	READINGS			DATE	INIT		
625 nt.	F) Safety On Force	5 1/2	5 1/2	5 1/2	10/9/90	WB		
	G) Safety Off Force	2 3/4	2 3/4	2 3/4	10/9/90	WB		
	H) Trigger Pull Test & Retainability				10/9/90	WB		
	I) Firing Pin Indent	.023	.0235	.023	10/9/90	WB		
	J) Assemble Stock				10/9/90	RW		
	K) Assemble Swivel Studs				10/30/90	JS		
	L) Attach Front and Rear Sight Assemblies				10/9/90	RW		
	M) Iron Sight Alignment				10/9/90	RW		
	N) Detach Front & Rear Sights & place in numbered container				10/9/90	RW		
	O) Attach Scope to Rifle				10-9-90	#		
	P) Detach & Attach Scope 20 Times				10-9-90	AC		
640	Gallery Target & Test				10-10-90	DH		
	A) Time				10-10-90	DH		
	B) Malfunctions				10-10-90	DH		
	C) Pierced Primers				10-10-90	DH		
	D) Optical Clarity of Scope				10-10-90	DH		
645	Inspect for Live Ammo				10-10-90	DH		
655	Final Inspection				10/35/90	JS		
	A) Headspace				10/35/90	JS		
	B) Trigger Pull	269	271	264	267	260	10/35/90	JS
	C) Function						10/35/90	JS
660	Pack						12-17-90	DH

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. C6523352

DATE 10/9/90

TESTER WAB

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.47	2.46	2.31	269	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.37	2.51	2.47	271	
PULL #3	2.27	2.32	2.25	264	
PULL #4	2.37	2.53	2.48	267	
PULL #5	2.42	2.37	2.24	260	
TOTAL	11.90	12.19	11.95		
AVG.	2.38	2.44	2.39		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.10	3.13		
PULL #2	3.13	3.17		
PULL #3	3.17	3.02		
PULL #4	3.15	3.12		
PULL #5	3.11	3.14		
TOTAL	15.66	15.58		
AVG.	3.13	3.11		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.14	4.16		4.00
PULL #2	4.22	4.18		4.15
PULL #3	4.22	4.18		4.14
PULL #4	4.19	4.11		4.22
PULL #5	4.19	4.09		4.10
TOTAL	20.96	20.72		20.61
AVG.	4.19	4.14		4.12

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06523352
10 Oct 1990

CENTROIDAL DISTANCES

0 TO 1	.656193
1 TO 2	.788244
1 TO 3	1.13038
1 TO 4	.628199
1 TO 5	.637547

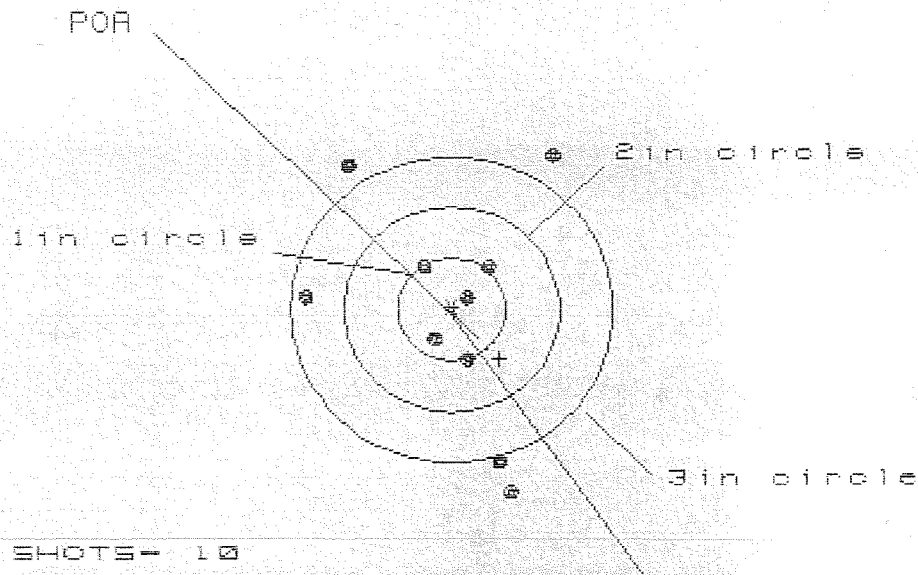
1
+
3 <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0464
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .1146
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .123637
THE AMR FOR THIS RIFLE IS: 1.013

10 Oct 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C8523352

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1in = 3

2in = 5

3in = 6

HS= 2.301

VS= 3.288

GS= 3.474

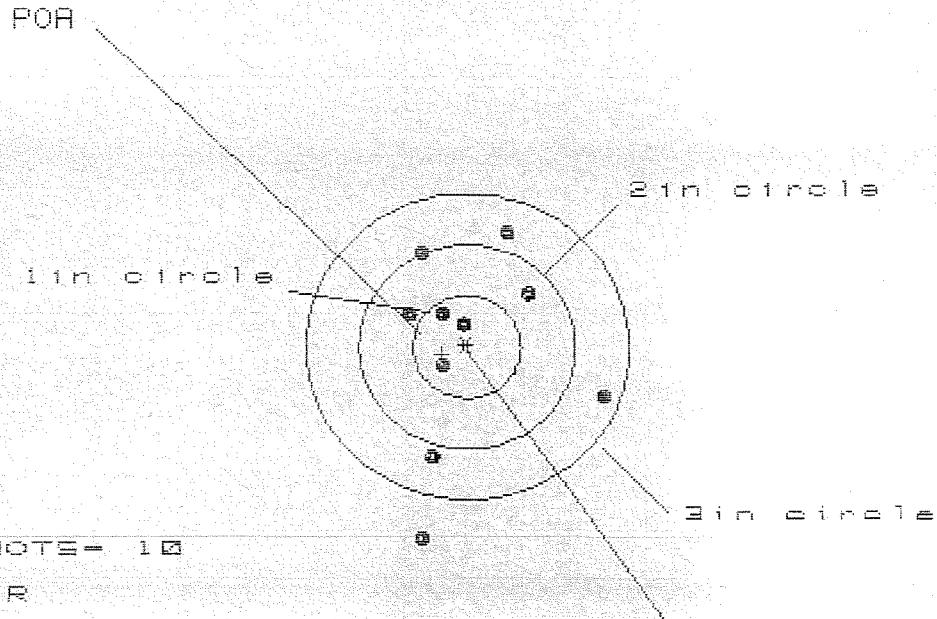
CENTROID #

PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.973	1.035	.638
MINIMUM X	:	-1.328	-1.266	-1.137
MAXIMUM Y	:	1.518	1.322	1.344
MINIMUM Y	:	-1.770	-1.699	-1.534
CENTROID X	:	-.442	-.504	-.633
CENTROID Y	:	.485	.681	.516
POA TO CENTROID in.	:	.656	.847	.817
MIN RADIUS	:	.211	.231	.314
MEAN RADIUS	:	1.024	.926	.833
MAX RADIUS	:	1.856	1.774	1.662
HORIZONTAL SPREAD	:	2.301	2.301	1.775
VERTICAL SPREAD	:	3.288	3.021	2.878
EXTREME SPREAD	:	3.474	3.184	3.184
NUMBER IN ONE INCH CIRCLE =			3	
NUMBER IN TWO INCH CIRCLE =			5	
NUMBER IN THREE INCH CIRCLE =			6	

10 Oct 1998

FILE:/PATTERNING/CENTERFIRE_PATT/08523352

CENTERFIRE PATTERNS # 2



OF SHOTS= 10

IN CIR

1in = 3

2in = 5

3in = 9

HS= 1.822

VS= 2.994

GS= 3.109

CENTROID #

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.264	1.214	.657
MINIMUM X	:	-.558	-.608	-.456
MAXIMUM Y	:	1.162	.958	.879
MINIMUM Y	:	-1.832	-1.281	-1.360
CENTROID X	:	.230	.280	.128
CENTROID Y	:	.073	.277	.356
POA TO CENTROID in.	:	.242	.394	.379
MIN RADIUS	:	.190	.079	.121
MEAN RADIUS	:	.888	.740	.626
MAX RADIUS	:	1.886	1.370	1.381
HORIZONTAL SPREAD	:	1.822	1.822	1.113
VERTICAL SPREAD	:	2.994	2.239	2.239
EXTREME SPREAD	:	3.109	2.354	2.354
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		9	

18 Oct 1998

FILE:/PATTERNING/CENTERFIRE_PATT/08523352

CENTERFIRE PATTERNS # 3

POA

1 in circle

2 in circle

3 in circle

CENTROID *

OF SHOTS = 10

IN CIR

1 in = 1

2 in = 4

3 in = 8

HS = 2.270

VS = 4.123

GS = 4.126

PATTERN #	3	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.261	1.263	1.286
MINIMUM X	-1.009	-1.007	-.984
MAXIMUM Y	1.669	1.397	.874
MINIMUM Y	-2.454	-1.331	-1.157
CENTROID X	.158	.156	.133
CENTROID Y	-.473	-.201	-.375
POA TO CENTROID in.	.499	.254	.398
MIN RADIUS	.296	.295	.379
MEAN RADIUS	1.121	.933	.875
MAX RADIUS	2.454	1.532	1.460
HORIZONTAL SPREAD	2.270	2.270	2.270
VERTICAL SPREAD	4.123	2.728	2.031
EXTREME SPREAD	4.126	2.728	2.492
NUMBER IN ONE INCH CIRCLE =		1	
NUMBER IN TWO INCH CIRCLE =		4	
NUMBER IN THREE INCH CIRCLE =		8	

10 Oct 1990

FILE:/PATTERNING/CENTERFIRE_PATT/C6523352

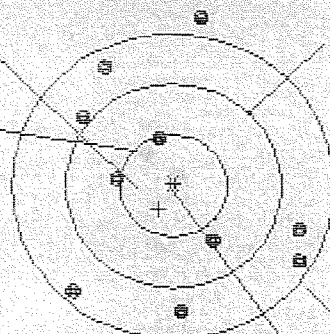
CENTERFIRE PATTERNS # 4

POA

1 in circle

2 in circle

3 in circle



OF SHOTS= 10

IN CIR

1 in = 0

2 in = 3

3 in = 9

HS= 2.090

VS= 2.828

GS= 2.968

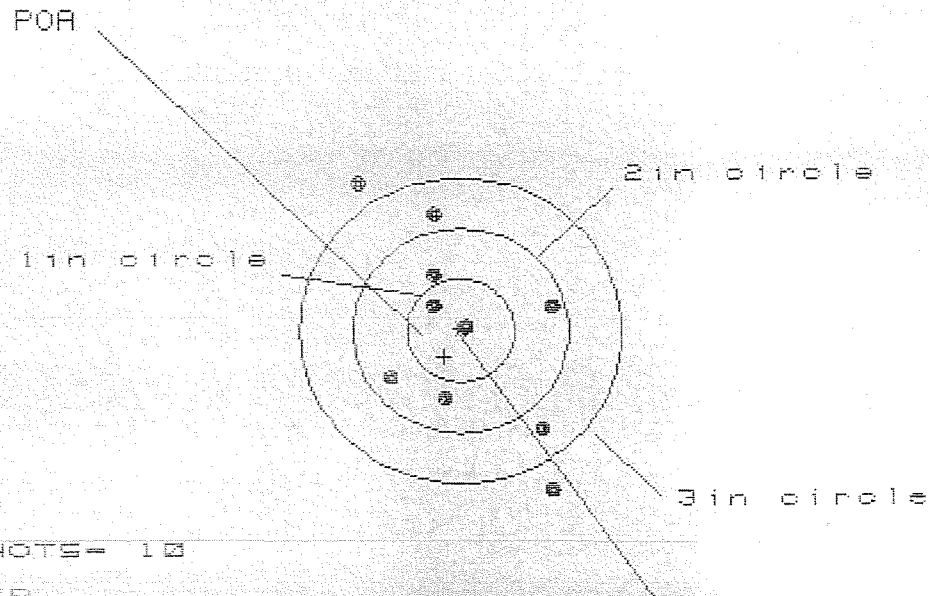
CENTROID *

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.177	1.211	1.101
MINIMUM X	:	-.913	-.879	-.947
MAXIMUM Y	:	1.633	1.335	1.223
MINIMUM Y	:	-1.195	-1.013	-1.125
CENTROID X	:	.133	.099	.209
CENTROID Y	:	.232	.050	.162
POA TO CENTROID in.	:	.267	.111	.264
MIN RADIUS	:	.514	.544	.554
MEAN RADIUS	:	1.101	1.029	.995
MAX RADIUS	:	1.661	1.464	1.415
HORIZONTAL SPREAD	:	2.090	2.090	2.048
VERTICAL SPREAD	:	2.828	2.348	2.348
EXTREME SPREAD	:	2.968	2.622	2.622
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		3	
NUMBER IN THREE INCH CIRCLE	=		9	

10 Oct 1990

FILE:/PATTERNING/CENTERFIRE_PATT/C6523352

CENTERFIRE PATTERNS # 5



OF SHOTS= 10

IN CIR

1in = 2

2in = 6

3in = 8

HS= 1.808

VS= 2.959

GS= 3.448

CENTROID *

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.895	.990	.888
MINIMUM X	:	-.913	-.818	-.674
MAXIMUM Y	:	1.395	1.221	1.098
MINIMUM Y	:	-1.564	-1.086	-.933
CENTROID X	:	.153	.058	.160
CENTROID Y	:	.256	.430	.277
POA TO CENTROID in.	:	.298	.434	.320
MIN RADIUS	:	.071	.166	.049
MEAN RADIUS	:	.929	.811	.727
MAX RADIUS	:	1.783	1.470	1.207
HORIZONTAL SPREAD	:	1.808	1.808	1.562
VERTICAL SPREAD	:	2.959	2.307	2.031
EXTREME SPREAD	:	3.448	2.857	2.292
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		8	

RECEIVING AND ESTIMATING REPORT

COMMENTS

ORDER
R 94-18285

INITIAL FDC CUSTOMER ORDER NO. DAAA09-92-C-0834

W/10X SCOPE, M-24 SNIPER, W/DEPLOYMENT KIT
ATTN: FRED MARTIN

SCOPE 90-0586

DATE RECEIVED 06/10/94 DATE OPENED 06/10/94 DATE CODE SERIAL NUMBER C6523352 NEW SERIAL NUMBER MODEL AND GRADE 700 7-62 NATO
ACCESSORIES SLING STRAP HARD CASE SCOPE MNTS SCOPE BASE

FROM:

SHIP TO:

COMMANDER (W52H094138H226)
DEFENSE DIST DEPOT ANNISTON
ATTN DDAA-UR BLDG 112
ANNISTON AL 36201-5025

COMMANDER (W52H094138H226)
DEFENSE DIST DEPOT ANNISTON
ATTN DDAA-UR BLDG 112
ANNISTON AL 36201-5025

CUST NO: 098397 CJO.D

ACCOUNT NUMBER ACCOUNT NUMBER N/C WRITE ☐ PROM. DATE ESTIMATED VIA FRT

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

Trigger Assy \$173.31
CTE 50.00
\$223.31

REPAIRMAN PROOF CLEAN TEST TARGET PA
GALLERY TESTER DATE DATE DATE DATE DATE

OFFICE COPY

RD6925 RE

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

M2400092695

SWS TRIGGER PULL TEST

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

SERIAL NO. C6523352
DATE 12-20-94
TESTER BYM

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.78	2.54	2.66		MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.41	2.33	2.71		
PULL #3	2.74	2.60	2.60		
PULL #4	2.78	2.56	2.76		
PULL #5	2.54	2.55	2.57		
TOTAL	13.25	12.58	13.25		
AVG.	2.65	2.51	2.65		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	2.97	3.10		
PULL #2	2.97	3.02		
PULL #3	3.02	3.04		
PULL #4	3.04	3.01		
PULL #5	3.05	3.05		
TOTAL	15.05	15.22		
AVG.	3.01	3.04		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.30	4.06		3.96
PULL #2	4.14	4.24		4.01
PULL #3	4.09	3.98		4.05
PULL #4	4.14	4.15		4.01
PULL #5	4.25	4.25		3.99
TOTAL	20.92	20.68		20.02
AVG.	4.18	4.13		4.00

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6523352

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

Op. #	OP. NAME	READINGS					DATE	INIT
525 cont.	F) Safety On Force	7 1/4	7	7			12/7	WB
	G) Safety Off Force	3	2 3/4	3			12/7	WB
	H) Trigger Pull Test & Retainability							
	I) Firing Pin Indent							
	J) Assemble Stock							
	K) Assemble Swivel Studs							
	L) Attach Front and Rear Sight Assemblies							
	M) Iron Sight Alignment							
	N) Detach Front & Rear Sights & place in numbered container							
	O) Attach Scope to Rifle							
	P) Detach & Attach Scope 20 Times							
40	Gallery Target & Test							
	A) Time							
	B) Malfunctions							
	C) Pierced Primers							
	D) Optical Clarity of Scope							
45	Inspect for Live Ammo							
55	Final Inspection							
	A) Headspace							
	B) Trigger Pull	2.50	2.50	2.48	2.53	2.36	12/7	WB
	C) Function							
60	Pack							