

G6695416

Replaces

G6535417

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: RE00158404

Serial: G6535417 Model M24 SWS Center Fire
Caliber: 7.62 NATO

Repairman:

Status: Closed 1/9/2009 10:58:51 AM

Verify Repair

Address Information

Customer:

☒ Received From

Return To:

☐ Received From

Name: TRANSPORTATION OFFICER

TRANSPORTATION OFFICER

Address 1: USPFD FOR ARKANSAS BLDG 318

USPFD FOR ARKANSAS BLDG 318

Address 2: CAMP ROBINSON BLDG 318

PO Box:

CAMP ROBINSON BLDG 318

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

naglet

1/9/2009

2:55 PM

CAPS

NUM

INS

SCL



G6695416 (New)

~~G6535417~~

Serial Number: ~~G6535417~~

Model: M24 SWS

RE00158404

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

R & E NUMBER 158404
SERIAL NUMBER G669 3416 Replaced G
LOG-IN DATE 1-9-09

OPERATION #	OPERATION NAME	DATE	INITIAL
500	DIS-ASSEMBLE GUN	1-20-09	RTZ
505	RE-BARREL	1-13-09	RTZ
560	ASSEMBLE	1-13-09	RTZ
600	PROOF	1-14-09	TC
605	CHECK HEADSPACE	1-14-09	RTZ
610	DIS-ASSEMBLE GUN	1-14-09	RTZ
612	MAGNAFLUX	1-17-09	(WA)
510	DRILL AND TAP	1-14-09	SP
615	ROLLMARK CALIBER		
618	ROTO-BLAST	1/19/09	RT
620	APPLY COATINGS	1-22	
625	FINAL ASSEMBLY	1-26-09	RTZ
640	FUNCTION TEST AND	1-26-09	SP
650	TARGET	1-26-09	SP
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
670	FINAL INSPECTION	1-28-09	RTZ
	A) HEADSPACE	PASS FAIL	RTZ
	B) TRIGGER PULL	2.39 2.44 2.36 2.31 2.31	1-27-09 Fm
	F) SAFETY ON FORCE	4.0 4.0 4.0	1-28-09 L. N
	G) SAFETY OFF FORCE	6.0 6.0 6.0	1-28-09 L. N
	I) FIRING PIN INDENT	.023 .023 .023	1-28-09 L. N
690	PACK		1-28-09 Fm

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

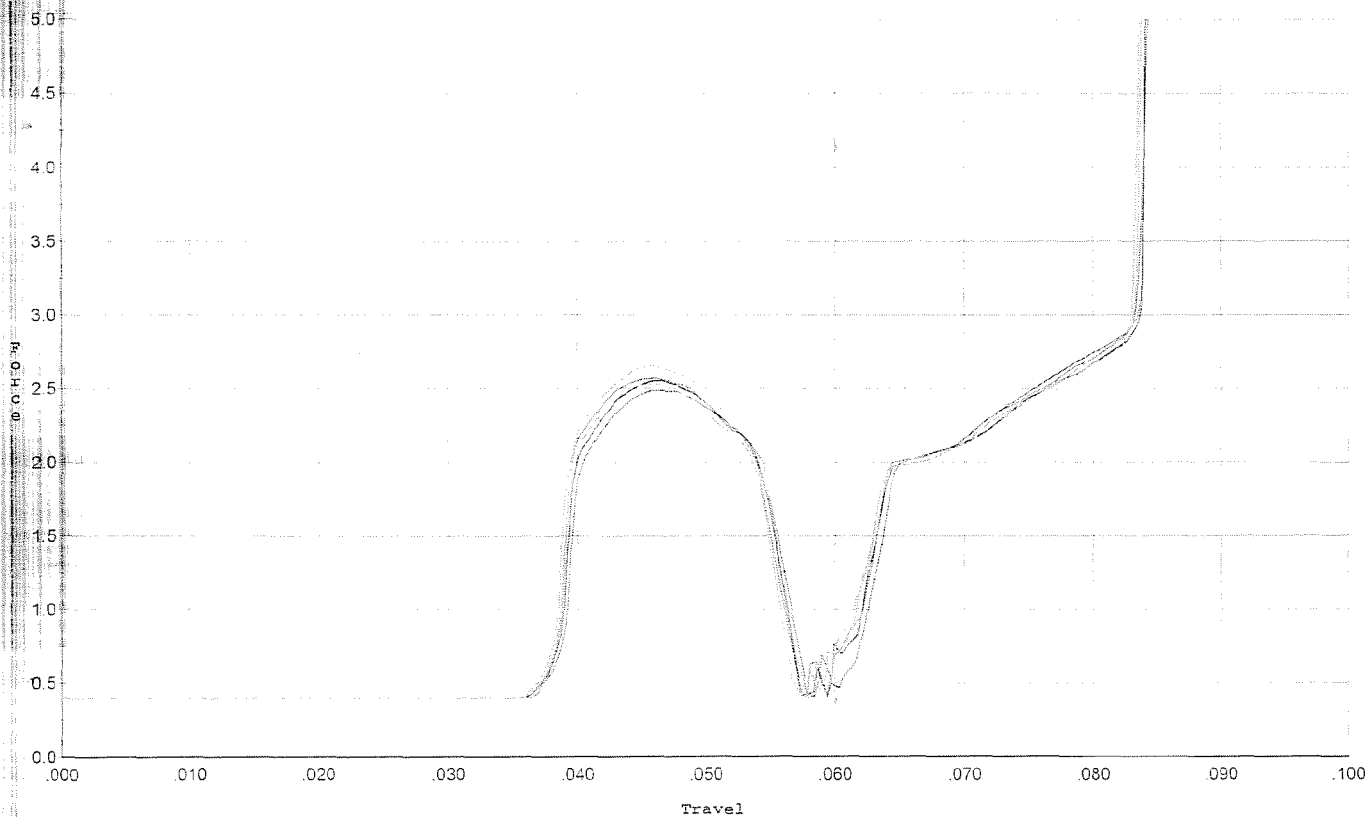
For use of this form, see DA PAM 738-750 and 738-751; the proponent agency is DCSLOG

DA FORM 2404, APR 79 Replaces edition of 1 Jan 64, which will be used USAPPC V1.10

Trigger Profile [lbs,inch]

Profile: SWS
 GunType: Rifle
 Make: Remington
 Note: R.P. 1/19/09

Model: M/24
 Serial No: Form #F005
 Trigger: 2.5 lbs. ini. +/- .50 lbs.



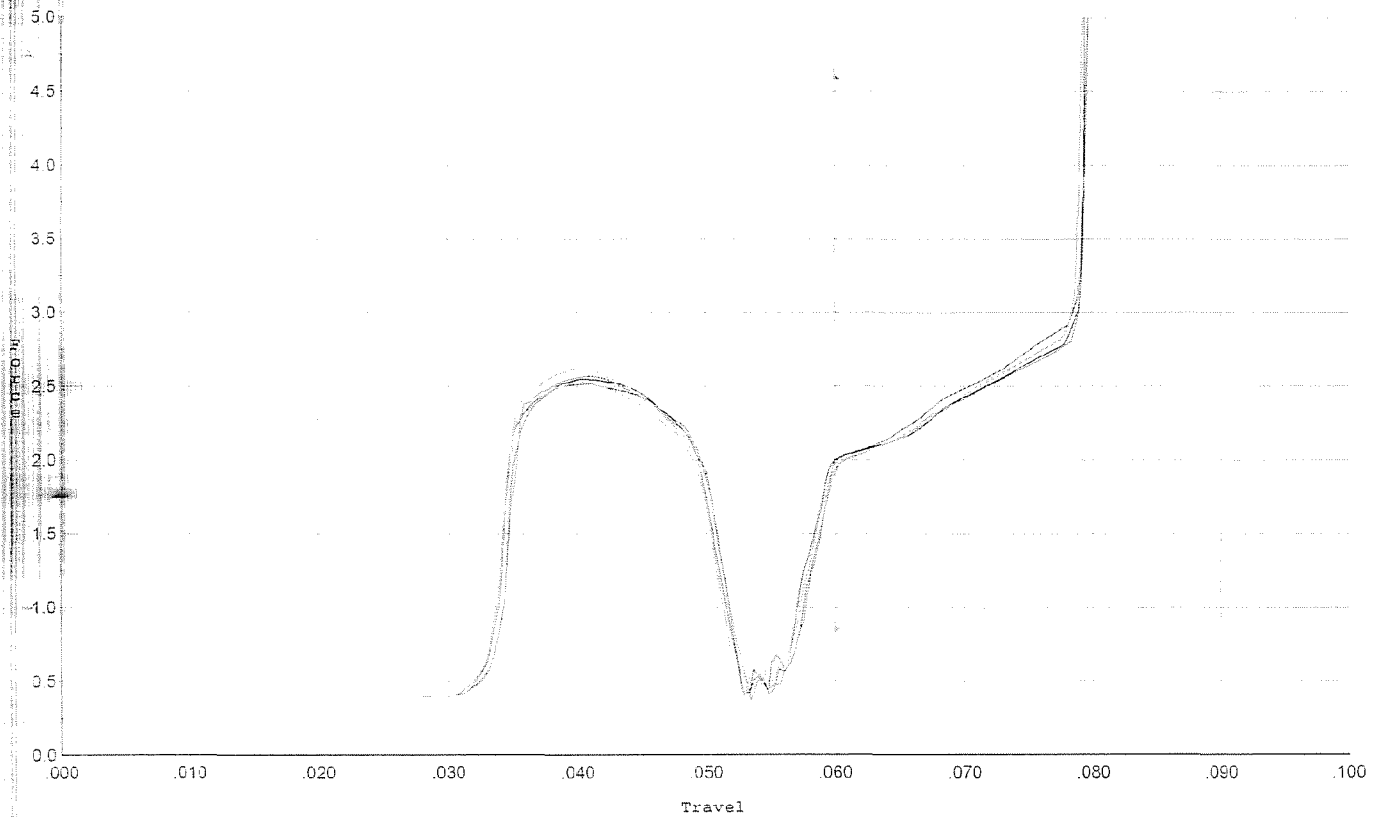
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.485	0.056	0.037	0.035	0.053		Set Trigger
2	2.554	0.055	0.038	0.035	0.053		Set Trigger
3	2.572	0.054	0.038	0.036	0.052		Set Trigger
4	2.655	0.054	0.038	0.035	0.054		Set Trigger
5	2.533	0.054	0.037	0.035	0.052		Set Trigger

Aug 2.56

Trigger Profile [lbs,inch]

Profile: SWS
GunType: Rifle
Make: Remington
Note: R.P. 1/19/09

Model: M/24
Serial No: Form #F005
Trigger: 2.5 lbs. after 50 cycles +/- .50 lbs.



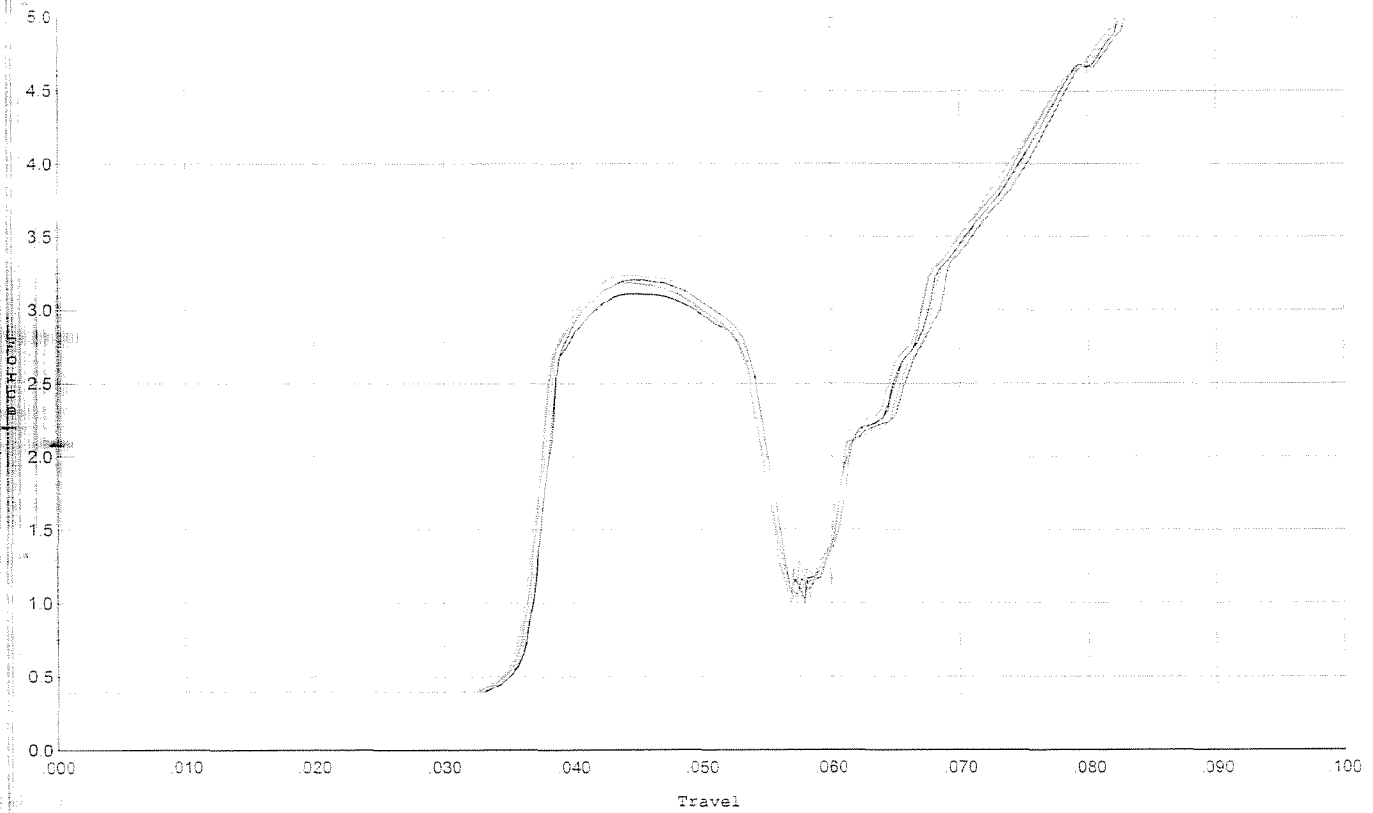
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.517	0.050	0.033	0.034	0.052		Set Trigger
2	2.549	0.049	0.033	0.034	0.051		Set Trigger
3	2.569	0.050	0.033	0.034	0.052		Set Trigger
4	2.531	0.050	0.033	0.034	0.051		Set Trigger
5	2.620	0.050	0.033	0.034	0.052		Set Trigger

Avg 2.55

Trigger Profile [lbs,inch]

Profile SWS
 GunType: Rifle
 Make: Remington
 Note: R.P. 1/19/09

Model: M/24
 Serial No: Form #F005
 Trigger: 3.0 lbs. ini. +/- .75 lbs.



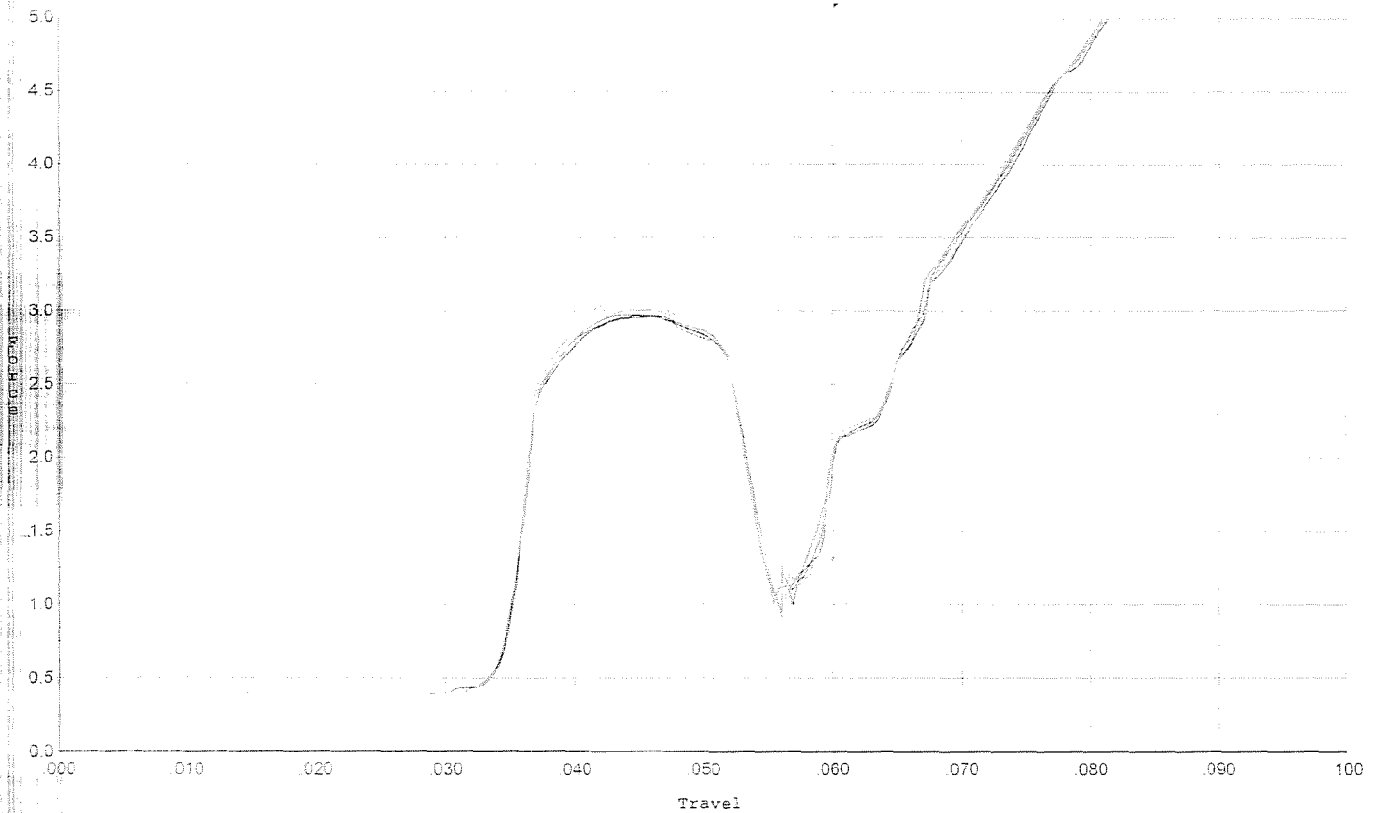
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	3.205	0.054	0.036	0.034	0.066		Set Trigger
2	3.109	0.053	0.036	0.034	0.064		Set Trigger
3	3.186	0.054	0.036	0.034	0.065		Set Trigger
4	3.196	0.053	0.036	0.034	0.065		Set Trigger
5	3.233	0.054	0.035	0.034	0.066		Set Trigger

Aug 3.18

Trigger Profile [lbs,inch]

Profile SWS
 GunType: Rifle
 Make: Remington
 Note: R.P. 1/19/09

Model: M/24
 Serial No: Form #F005
 Trigger: 3.0 lbs. after 20 cycles +/- .75 lbs.



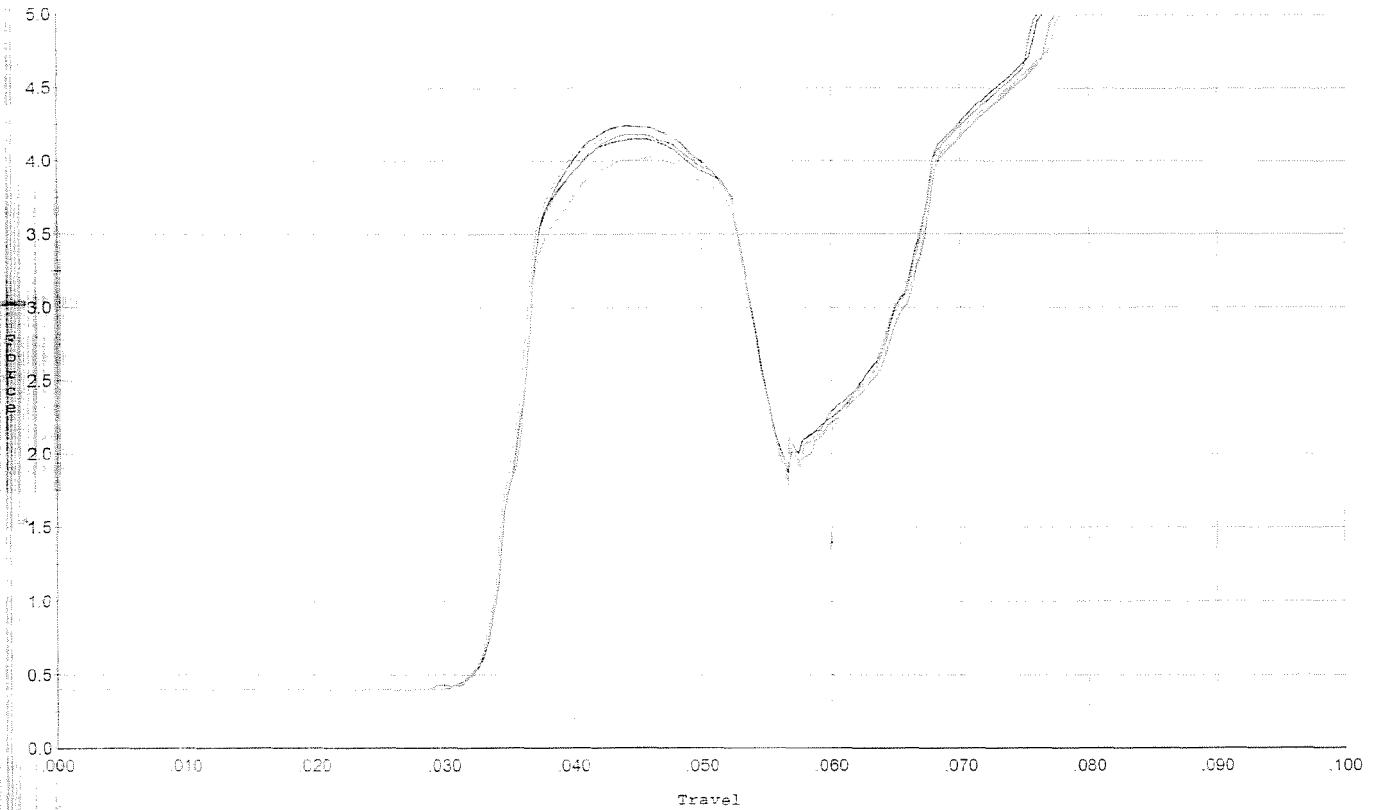
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.961	0.052	0.034	0.034	0.062		Set Trigger
2	2.964	0.052	0.034	0.034	0.061		Set Trigger
3	2.970	0.052	0.034	0.034	0.062		Set Trigger
4	3.007	0.053	0.034	0.034	0.064		Set Trigger
5	3.073	0.052	0.034	0.034	0.062		Set Trigger

Aug 2, 99

Trigger Profile [lbs,inch]

Profile: SWS
 GunType: Rifle
 Make: Remington
 Note: R.P. 1/19/09

Model: M/24
 Serial No: Form #F005
 Trigger: 4.0 lbs. ini. +/- 1.0 lbs.



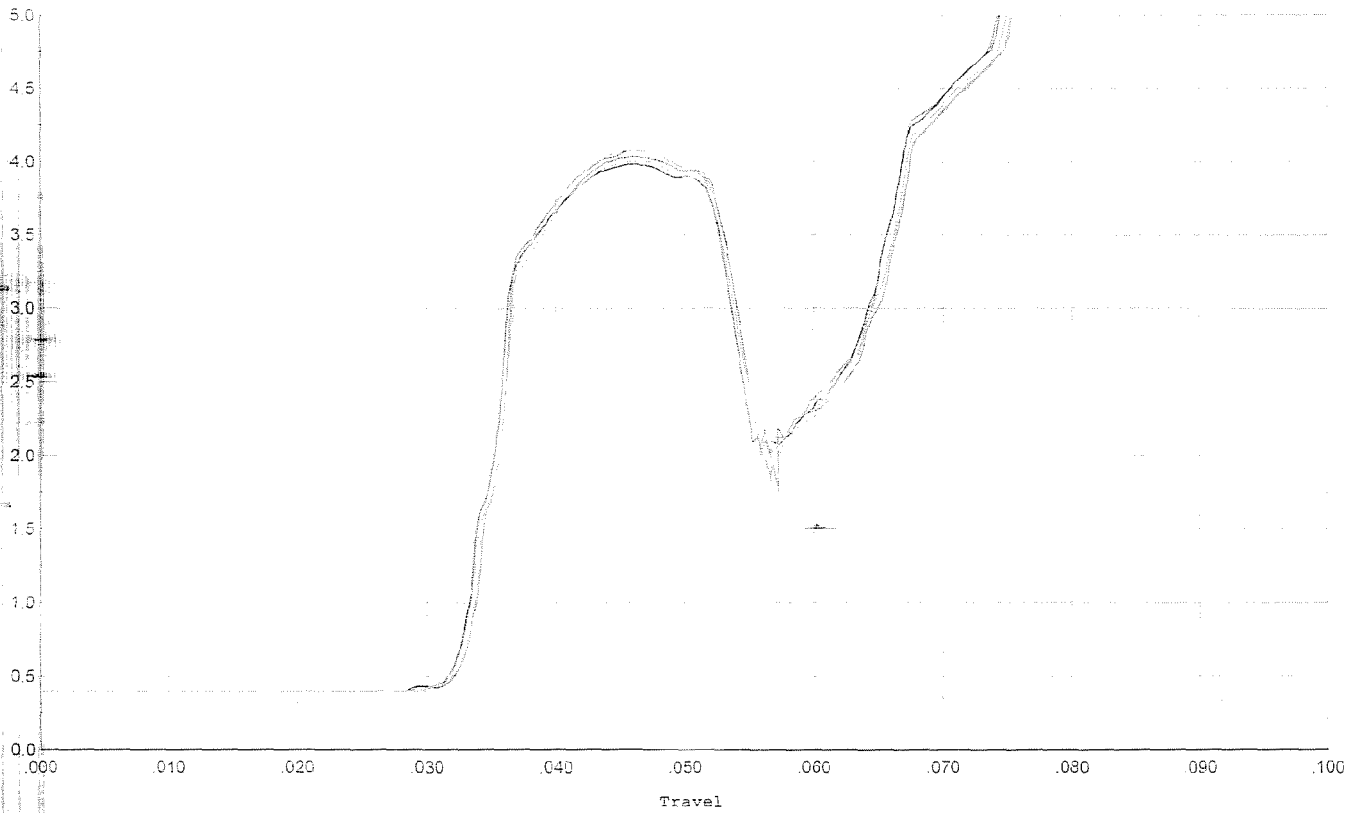
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	4.153	0.052	0.033	0.030	0.084		Set Trigger
2	4.244	0.052	0.033	0.030	0.085		Set Trigger
3	4.183	0.052	0.033	0.032	0.084		Set Trigger
4	4.023	0.052	0.033	0.032	0.082		Set Trigger
5	4.234	0.052	0.033	0.032	0.085		Set Trigger

Aug 4.16

Trigger Profile [lbs,inch]

Profile SWS
 GunType: Rifle
 Make: Remington
 Note: R.P. 1/19/09

Model: M24
 Serial No: Form #F005
 Trigger: 4.0 lbs. after 20 cycles +/- 1.0 lbs.



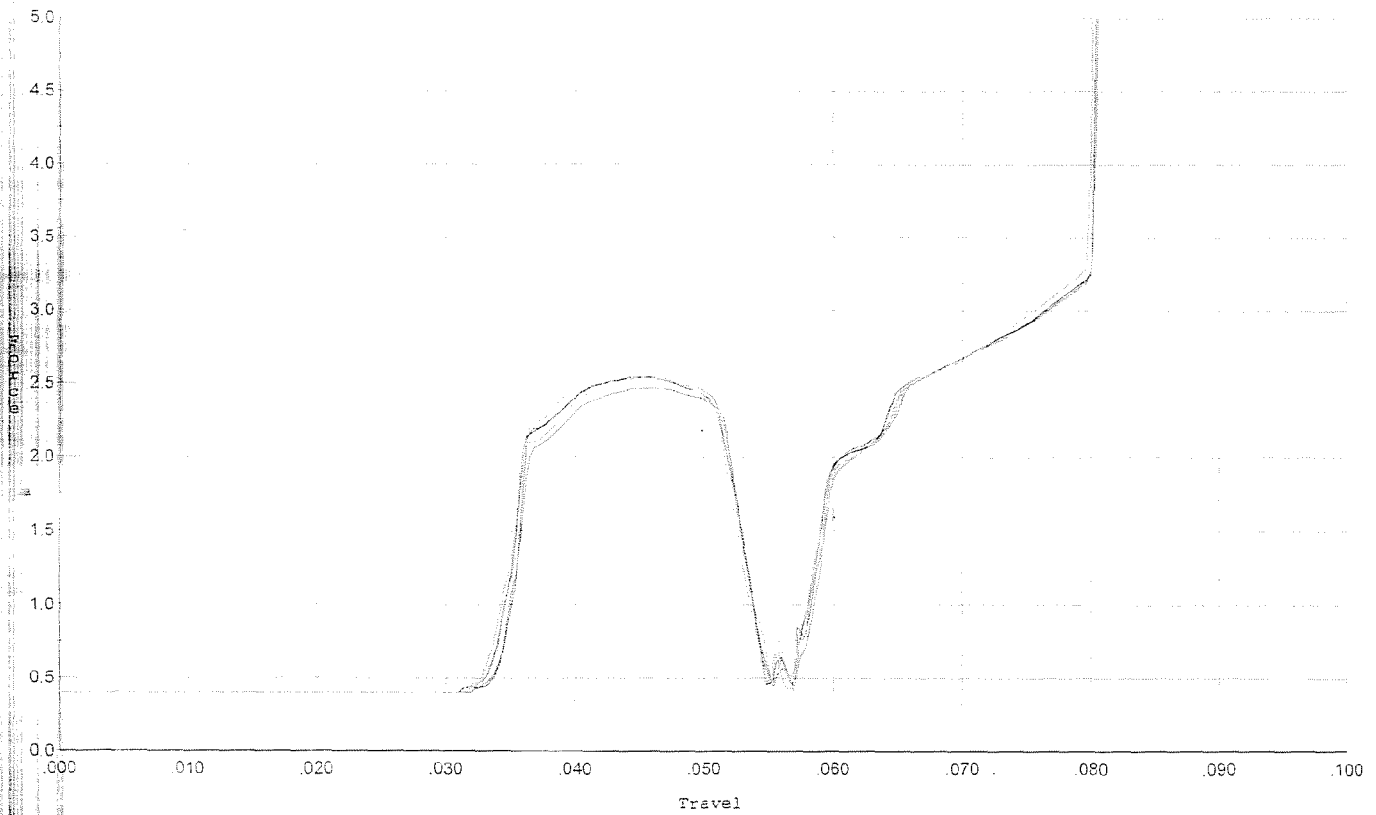
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	4.077	0.053	0.033	0.026	0.085		Set Trigger
2	3.980	0.053	0.032	0.027	0.083		Set Trigger
3	4.036	0.053	0.033	0.027	0.085		Set Trigger
4	4.076	0.052	0.033	0.027	0.083		Set Trigger
5	4.003	0.052	0.032	0.027	0.082		Set Trigger

Aug 4.03

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R.P. 1/19/09

Model: M/24
Serial No: Form #F005
Trigger: reset to 2.5 lbs. +/- .50 lbs. for final test



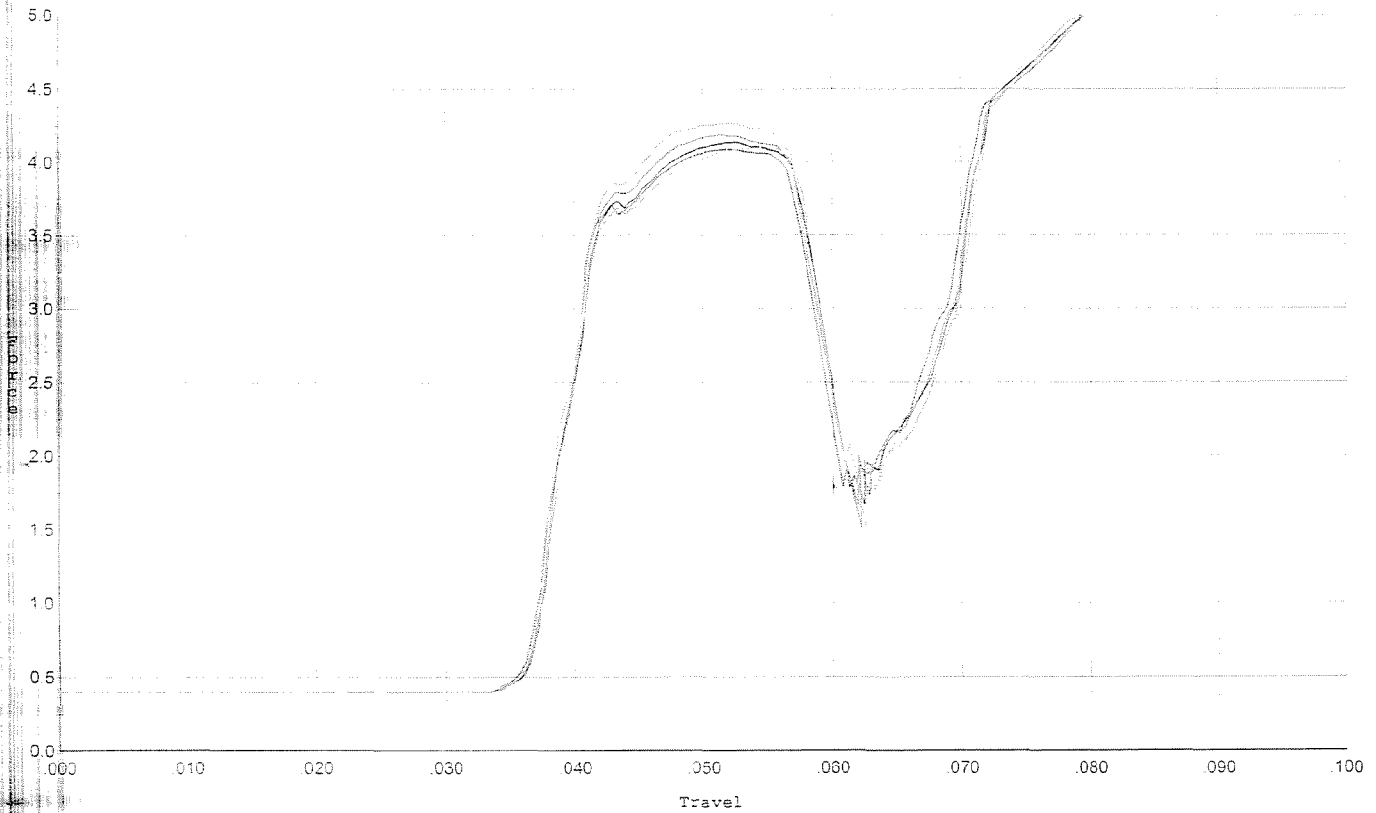
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.555	0.052	0.034	0.034	0.054		Set Trigger
2	2.545	0.052	0.034	0.034	0.055		Set Trigger
3	2.469	0.052	0.034	0.034	0.053		Set Trigger
4	2.617	0.051	0.034	0.034	0.056		Set Trigger
5	2.496	0.051	0.033	0.034	0.054		Set Trigger

Avg 2.53

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R.P. 1/19/09

Model: M/24
Serial No: Form #F005
Trigger: set to 4.0 lbs. +/- 1.0 lbs. for target & accuracy



#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	4.088	0.058	0.036	0.029	0.091		Set Trigger
2	4.136	0.058	0.037	0.029	0.092		Set Trigger
3	4.184	0.057	0.036	0.029	0.090		Set Trigger
4	4.103	0.058	0.037	0.029	0.091		Set Trigger
5	4.268	0.057	0.036	0.029	0.092		Set Trigger

Avg 4.15

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6695416.___0

FILE DATE AND TIME: 01/27/2009 06:54

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.016
The Average Y Centroid of the Five Target Set:	0.001
The Average Point of Impact of the Five Target Set:	0.016
The Average Mean Radius of the Five Target Set:	0.689
The Distance from POA to Centroid Target #1:	0.328
The Distance from Centroid Target #2 to Centroid Target #1:	0.523
The Distance from Centroid Target #3 to Centroid Target #1:	0.386
The Distance from Centroid Target #4 to Centroid Target #1:	0.396
The Distance from Centroid Target #5 to Centroid Target #1:	0.407

SERIAL NUMBER: G6695416. __0

TARGET NUMBER: 1

FILE DATE: 01/27/2009

FILE TIME: 06:54

POINT#	X	Y
1:	0.477	0.478
2:	-1.304	0.112
3:	-1.143	0.024
4:	-0.050	0.498
5:	-0.087	0.113
6:	0.066	-0.074
7:	-0.238	-0.368
8:	-0.362	-0.642
9:	0.290	-0.902
10:	-0.017	-1.510

X CENTROID: -0.237

Y CENTROID: -0.227

POA TO CENTROID: 0.328

HORZ SPREAD: 1.781

VERT SPREAD: 2.008

GROUP SPREAD: 2.071

MIN RADIUS: 0.141

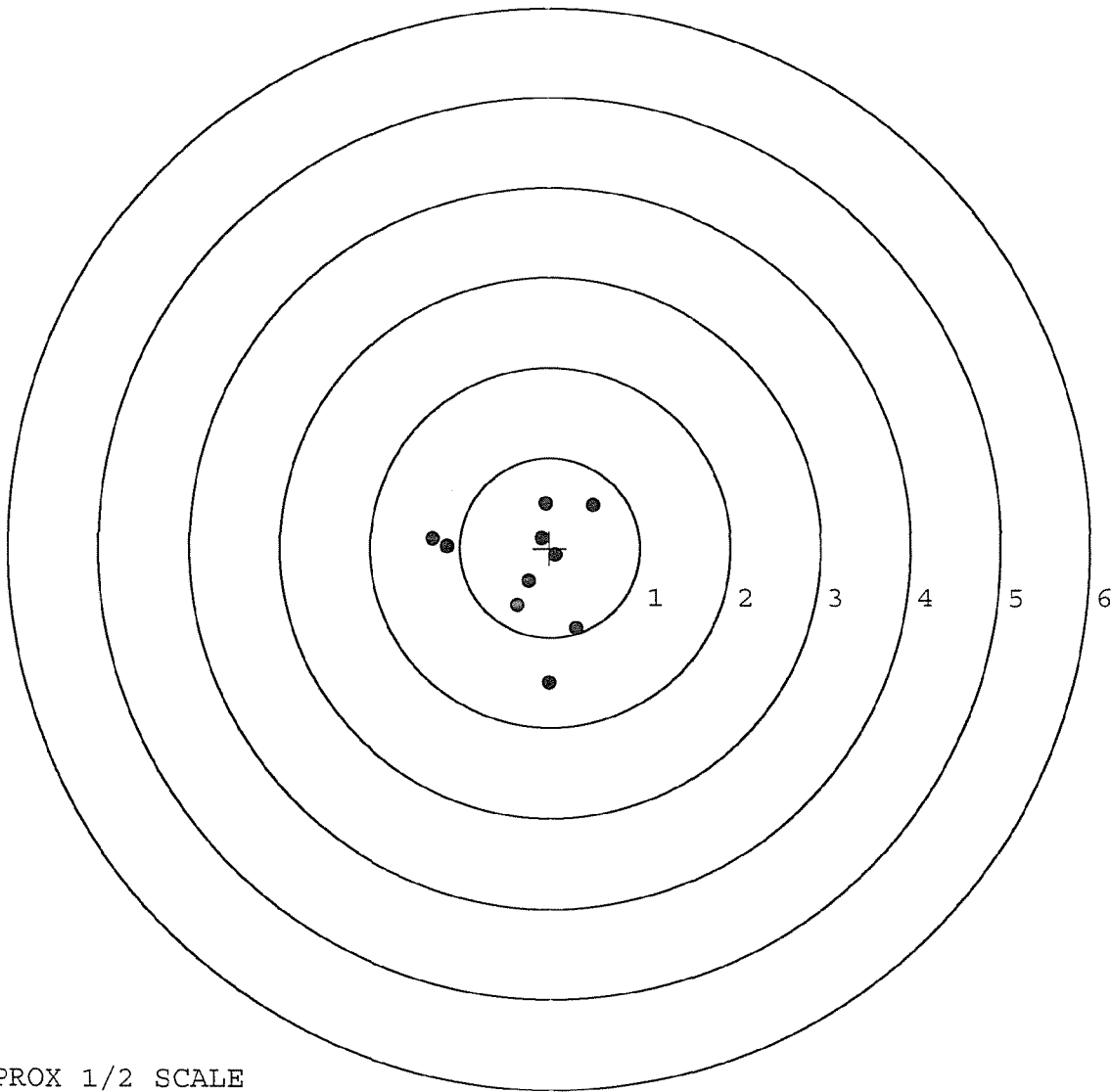
MAX RADIUS: 1.302

MEAN RADIUS: 0.726

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 10

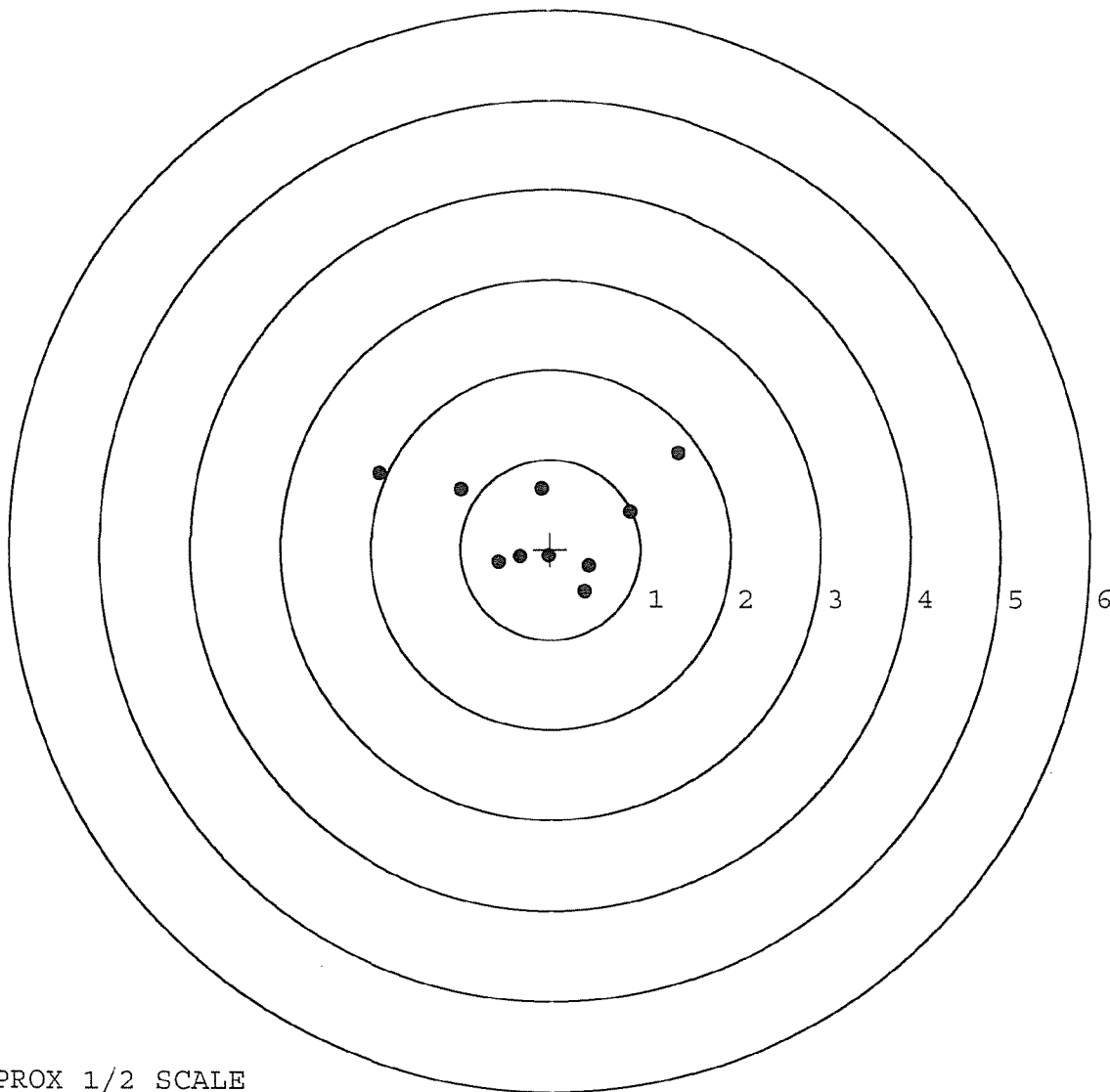


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6695416. 0
TARGET NUMBER: 2
FILE DATE: 01/27/2009
FILE TIME: 06:54

POINT#	X	Y
1:	-1.904	0.852
2:	-0.999	0.670
3:	-0.103	0.680
4:	1.415	1.071
5:	0.893	0.419
6:	0.427	-0.190
7:	0.383	-0.473
8:	-0.021	-0.076
9:	-0.335	-0.084
10:	-0.579	-0.144

X CENTROID: -0.082
Y CENTROID: 0.272
POA TO CENTROID: 0.285
HORZ SPREAD: 3.319
VERT SPREAD: 1.544
GROUP SPREAD: 3.326
MIN RADIUS: 0.354
MAX RADIUS: 1.912
MEAN RADIUS: 0.901
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 8



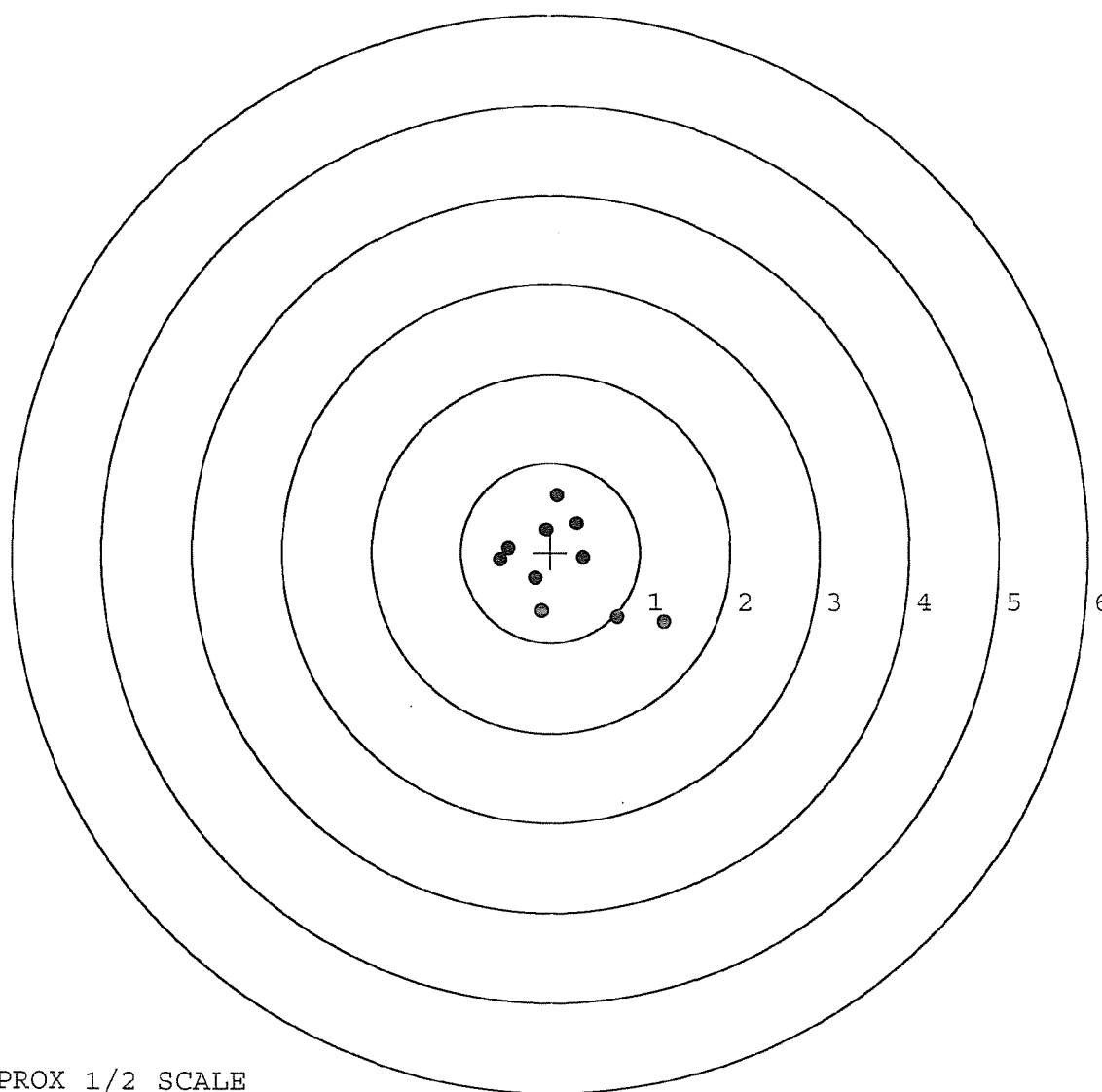
TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6695416. 0
TARGET NUMBER: 3
FILE DATE: 01/27/2009
FILE TIME: 06:54

POINT#	X	Y
1:	1.258	-0.778
2:	0.744	-0.720
3:	-0.105	-0.658
4:	-0.168	-0.290
5:	-0.468	0.053
6:	-0.563	-0.084
7:	0.363	-0.063
8:	-0.053	0.253
9:	0.289	0.326
10:	0.073	0.638

X CENTROID: 0.137
Y CENTROID: -0.132
POA TO CENTROID: 0.190
HORZ SPREAD: 1.821
VERT SPREAD: 1.416
GROUP SPREAD: 1.949
MIN RADIUS: 0.236
MAX RADIUS: 1.294
MEAN RADIUS: 0.632

IN 1 IN DIAMETER: 4
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6695416. __0

TARGET NUMBER: 4

FILE DATE: 01/27/2009

FILE TIME: 06:54

POINT#	X	Y
1:	-0.221	1.358
2:	0.580	0.508
3:	0.121	0.305
4:	-0.410	0.072
5:	-0.147	0.309
6:	0.185	-0.089
7:	0.206	-0.295
8:	-0.055	-0.383
9:	-0.453	-0.632
10:	0.253	-0.299

X CENTROID: 0.006

Y CENTROID: 0.085

POA TO CENTROID: 0.086

HORZ SPREAD: 1.033

VERT SPREAD: 1.990

GROUP SPREAD: 2.003

MIN RADIUS: 0.248

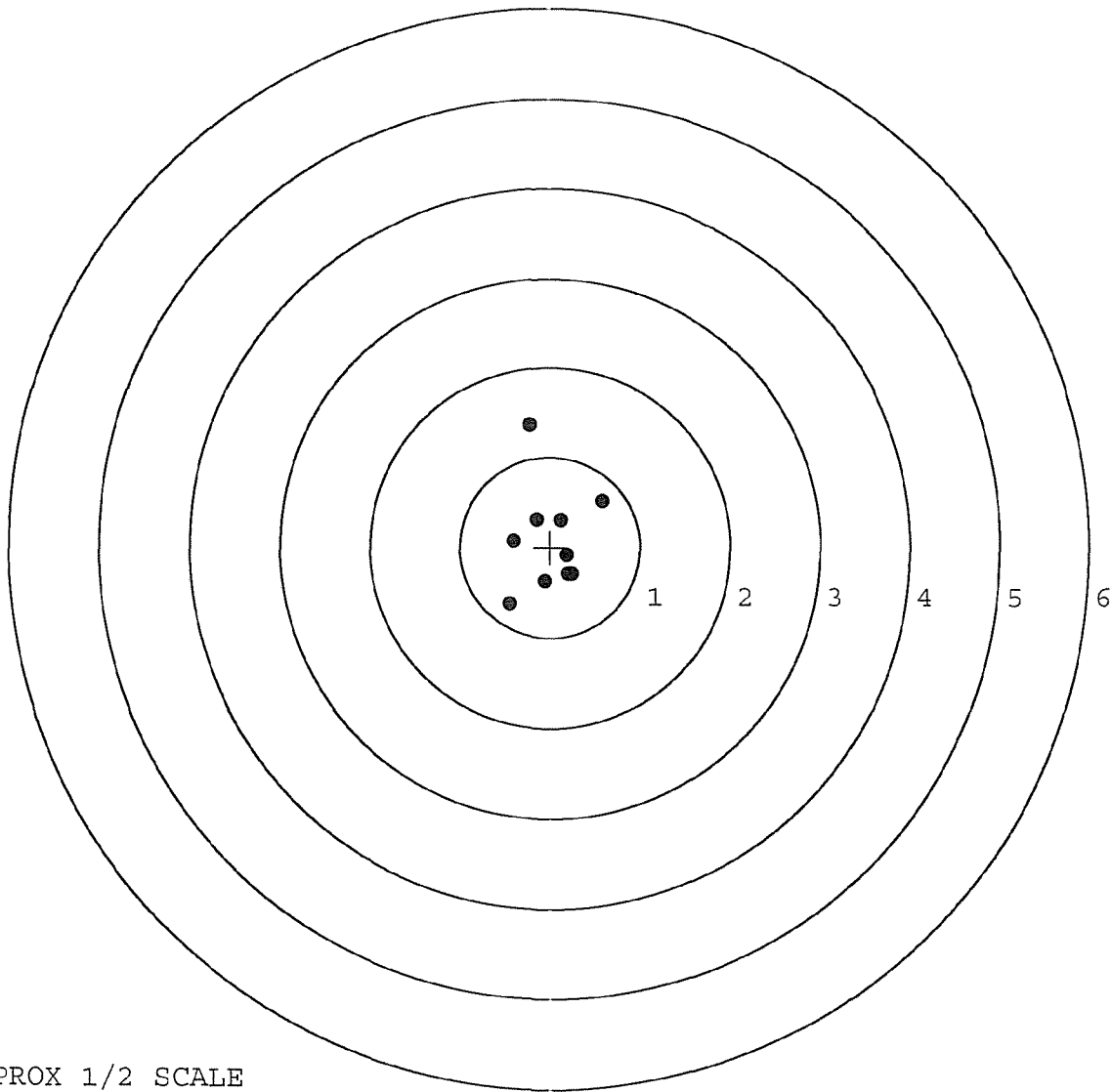
MAX RADIUS: 1.293

MEAN RADIUS: 0.540

IN 1 IN DIAMETER: 7

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10

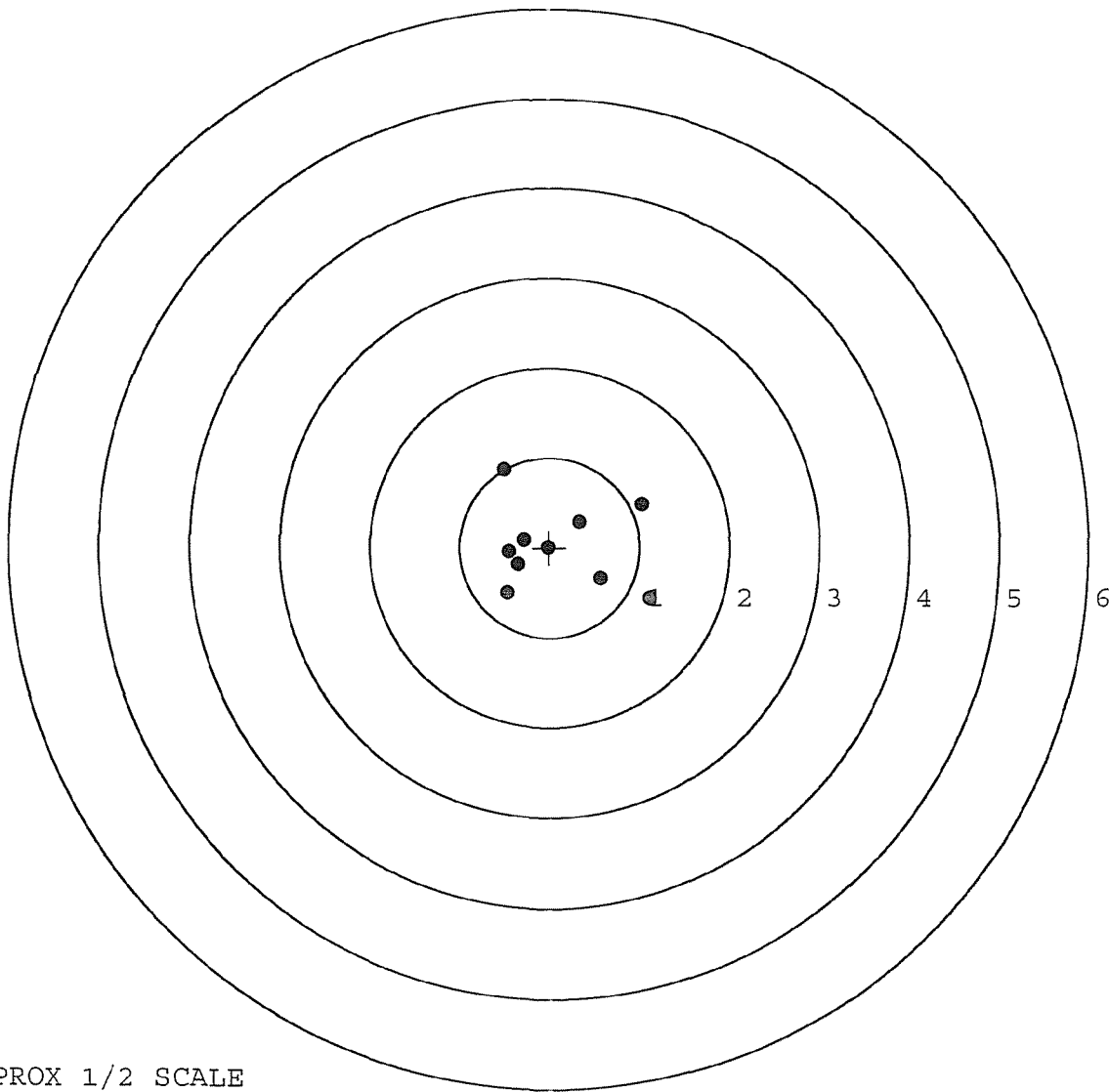


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6695416. __0
TARGET NUMBER: 5
FILE DATE: 01/27/2009
FILE TIME: 06:54

POINT#	X	Y
1:	-0.503	0.867
2:	1.021	0.482
3:	1.111	-0.563
4:	0.569	-0.342
5:	0.331	0.282
6:	-0.016	0.004
7:	-0.469	-0.501
8:	-0.282	0.081
9:	-0.447	-0.048
10:	-0.350	-0.191

X CENTROID: 0.097
Y CENTROID: 0.007
POA TO CENTROID: 0.097
HORZ SPREAD: 1.614
VERT SPREAD: 1.430
GROUP SPREAD: 2.156
MIN RADIUS: 0.113
MAX RADIUS: 1.164
MEAN RADIUS: 0.649
IN 1 IN DIAMETER: 4
IN 2 IN DIAMETER: 7
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: **RE00109525** Serial: C6498765 Model M24 SWS Center Fire Caliber: 7.62 NATO Repairman: Status: Closed 3/7/2006 9:49:34 AM

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	Fit and Rear Sgt Base	1

Repair Search Refresh Close

naplcti 3/7/2006 10:00 AM CAPS NUM INS SCPL

start 3 Micr... Part Se... Arms S... 3 Micr... 4 Int... Adobe ... 10:00 AM

6653 5417 (New)

~~C6498765~~

Model: M24 SWS



RE00109525

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6535417.___0
FILE DATE AND TIME: 03/27/2006 05:01

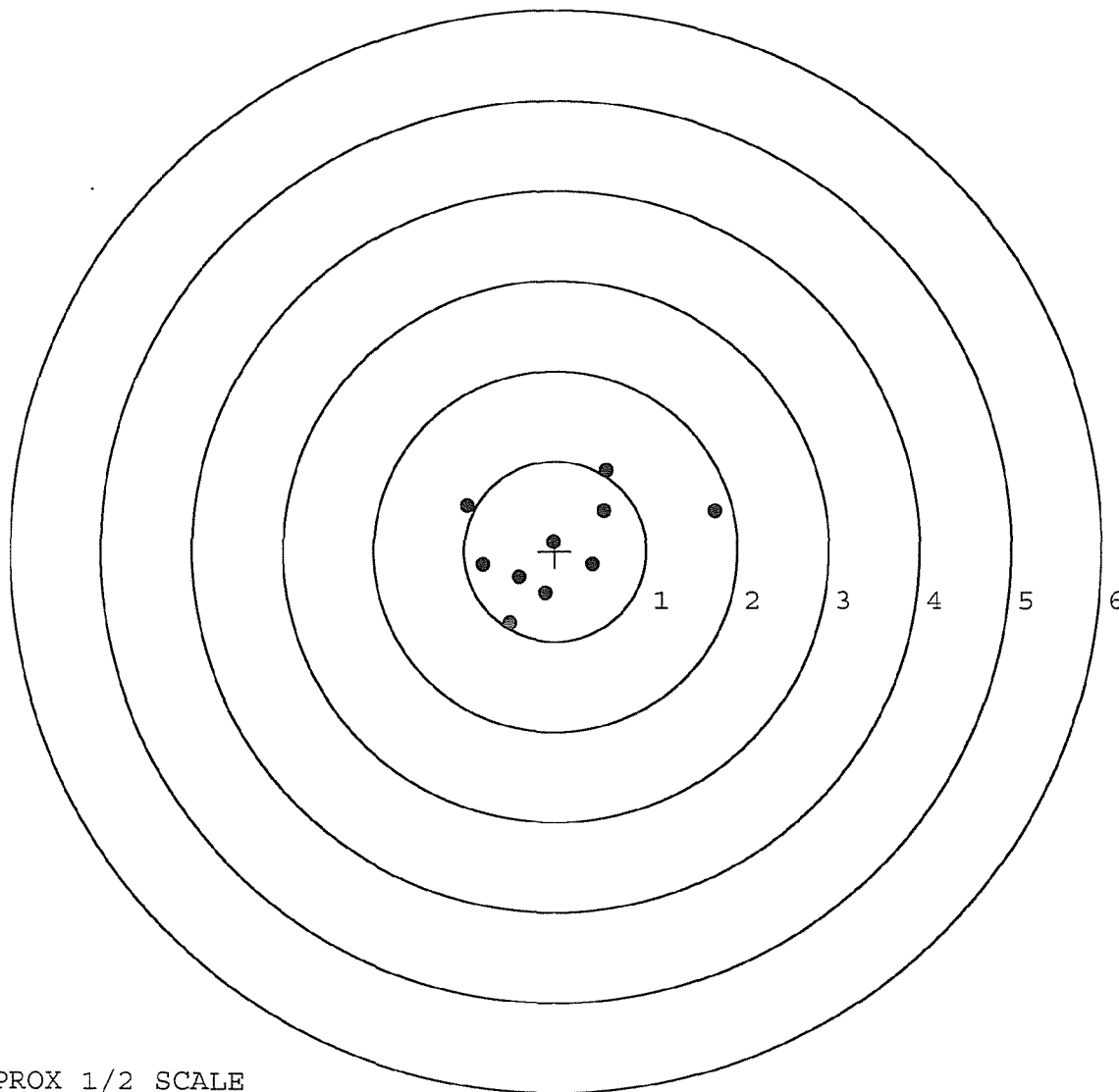
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.024
The Average Y Centroid of the Five Target Set:	0.048
The Average Point of Impact of the Five Target Set:	0.053
The Average Mean Radius of the Five Target Set:	0.698
The Distance from POA to Centroid Target #1:	0.071
The Distance from Centroid Target #2 to Centroid Target #1:	0.278
The Distance from Centroid Target #3 to Centroid Target #1:	0.180
The Distance from Centroid Target #4 to Centroid Target #1:	0.149
The Distance from Centroid Target #5 to Centroid Target #1:	0.087

SERIAL NUMBER: G6535417.___0
TARGET NUMBER: 1
FILE DATE: 03/27/2006
FILE TIME: 05:01

POINT#	X	Y
1:	1.753	0.447
2:	0.560	0.898
3:	0.534	0.449
4:	0.419	-0.151
5:	-0.016	0.102
6:	-0.113	-0.473
7:	-0.397	-0.295
8:	-0.495	-0.813
9:	-0.791	-0.155
10:	-0.967	0.501

X CENTROID: 0.049
Y CENTROID: 0.051
POA TO CENTROID: 0.071
HORZ SPREAD: 2.720
VERT SPREAD: 1.711
GROUP SPREAD: 2.721
MIN RADIUS: 0.082
MAX RADIUS: 1.750
MEAN RADIUS: 0.798
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 7
in 3 IN DIAMETER: 9

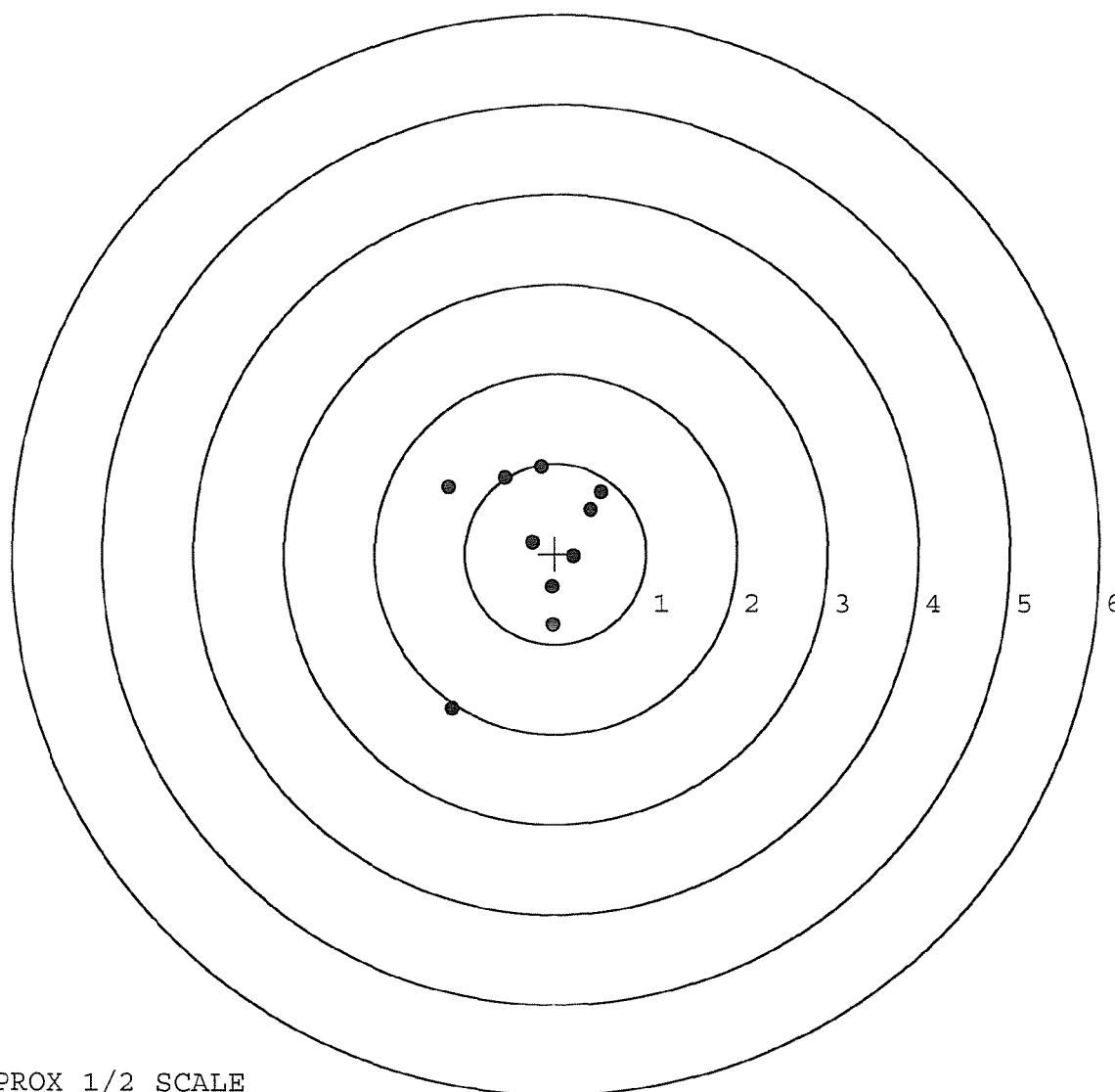


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6535417.___0
TARGET NUMBER: 2
FILE DATE: 03/27/2006
FILE TIME: 05:01

POINT#	X	Y
1:	0.506	0.686
2:	0.390	0.493
3:	-0.155	0.961
4:	-0.558	0.845
5:	-1.182	0.735
6:	-0.255	0.133
7:	0.200	-0.029
8:	-0.036	-0.367
9:	-0.030	-0.790
10:	-1.140	-1.724

X CENTROID: -0.226
Y CENTROID: 0.094
POA TO CENTROID: 0.245
HORZ SPREAD: 1.688
VERT SPREAD: 2.685
GROUP SPREAD: 2.918
MIN RADIUS: 0.048
MAX RADIUS: 2.035
MEAN RADIUS: 0.845
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 9

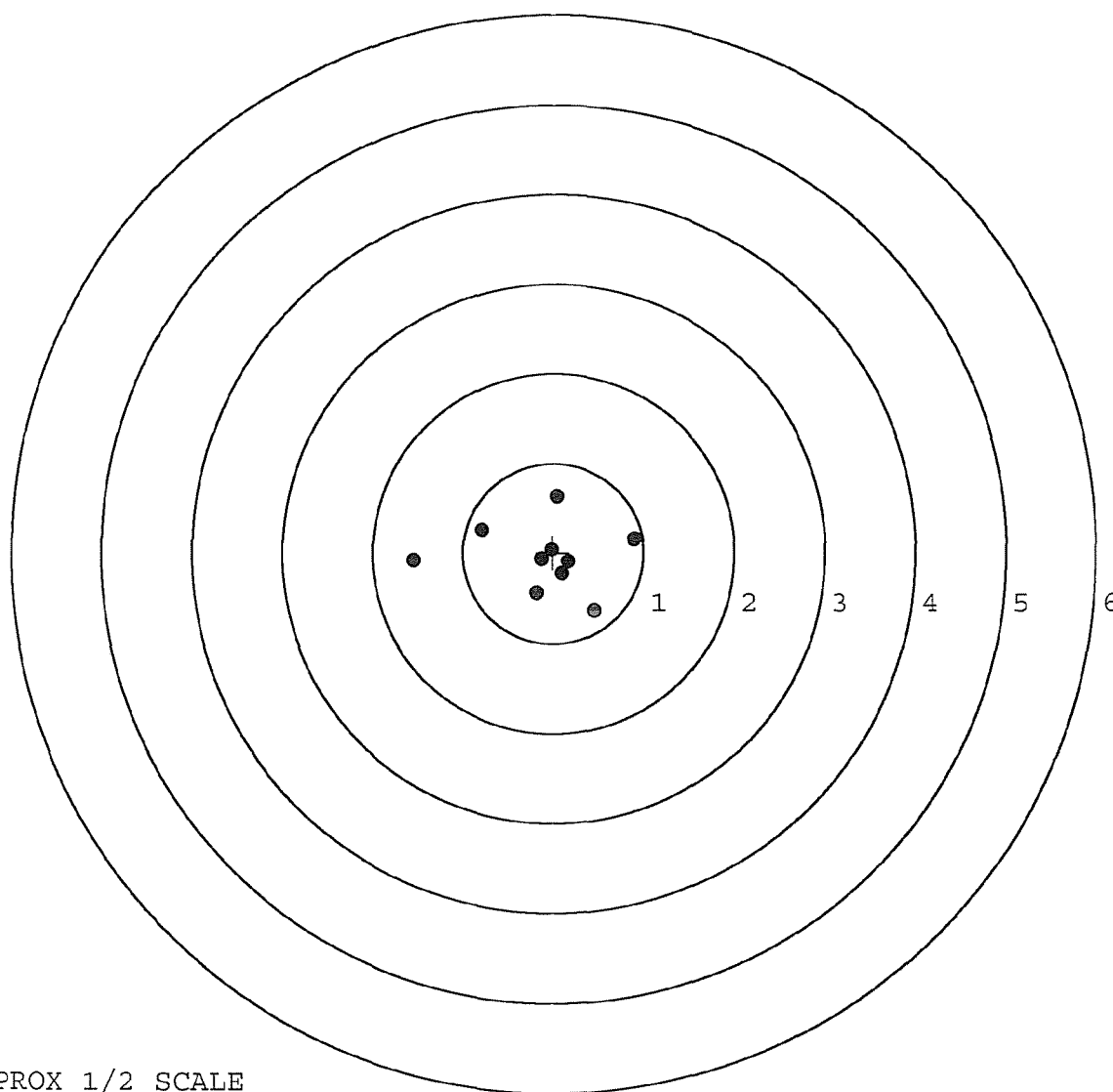


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6535417.___0
TARGET NUMBER: 3
FILE DATE: 03/27/2006
FILE TIME: 05:01

POINT#	X	Y
1:	0.454	-0.641
2:	0.895	0.157
3:	0.046	0.629
4:	-0.787	0.255
5:	-1.541	-0.091
6:	-0.182	-0.447
7:	0.101	-0.237
8:	0.167	-0.100
9:	-0.130	-0.078
10:	-0.015	0.034

X CENTROID: -0.099
Y CENTROID: -0.052
POA TO CENTROID: 0.112
HORZ SPREAD: 2.436
VERT SPREAD: 1.270
GROUP SPREAD: 2.449
MIN RADIUS: 0.040
MAX RADIUS: 1.442
MEAN RADIUS: 0.582
IN 1 IN DIAMETER: 5
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 10

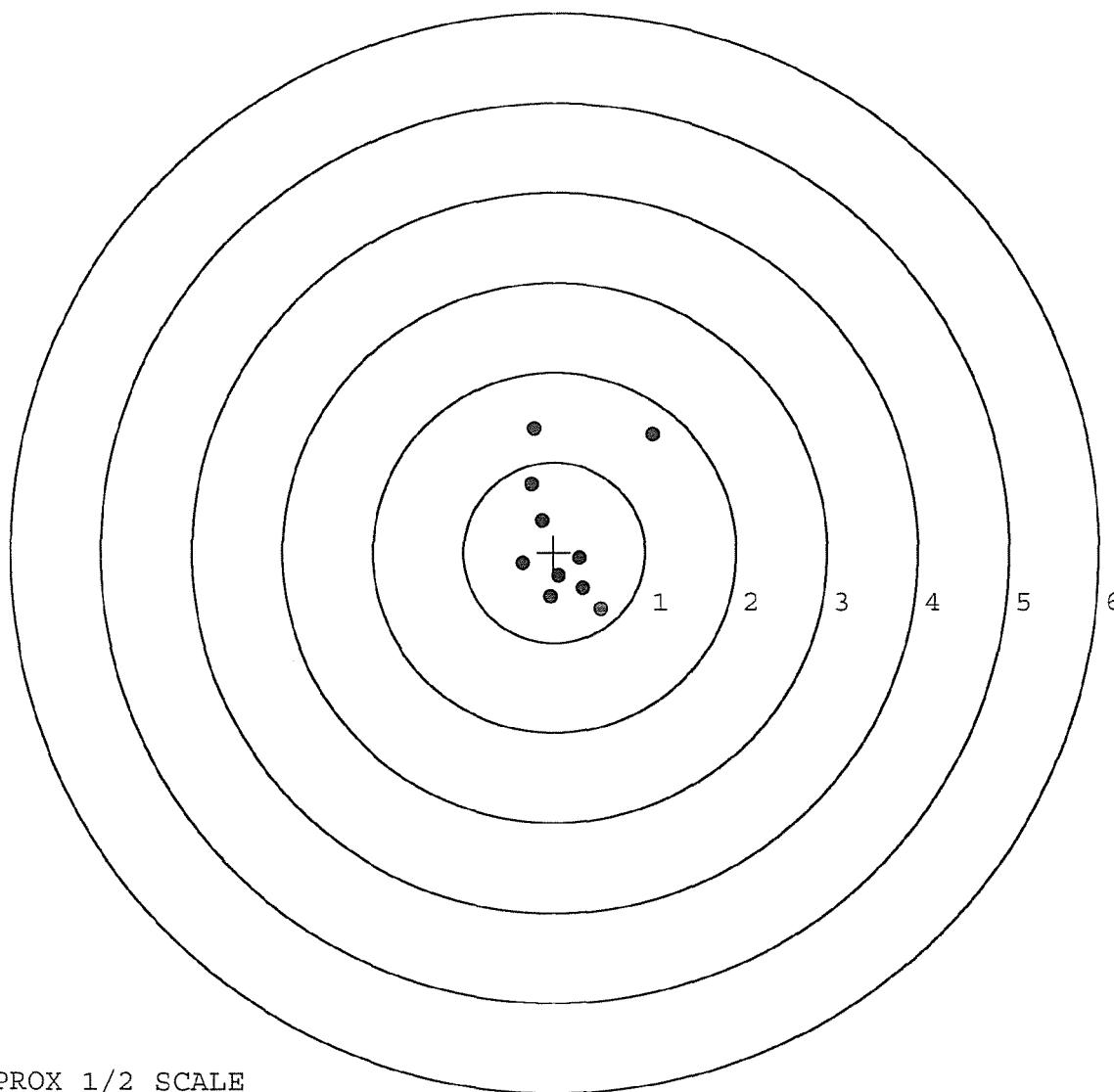


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6535417.___0
TARGET NUMBER: 4
FILE DATE: 03/27/2006
FILE TIME: 05:01

POINT#	X	Y
1:	1.075	1.304
2:	-0.222	1.367
3:	-0.251	0.759
4:	-0.138	0.351
5:	0.285	-0.069
6:	0.516	-0.627
7:	-0.342	-0.124
8:	0.051	-0.266
9:	-0.045	-0.498
10:	0.317	-0.401

X CENTROID: 0.125
Y CENTROID: 0.180
POA TO CENTROID: 0.219
HORZ SPREAD: 1.417
VERT SPREAD: 1.994
GROUP SPREAD: 2.122
MIN RADIUS: 0.296
MAX RADIUS: 1.472
MEAN RADIUS: 0.722
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 10

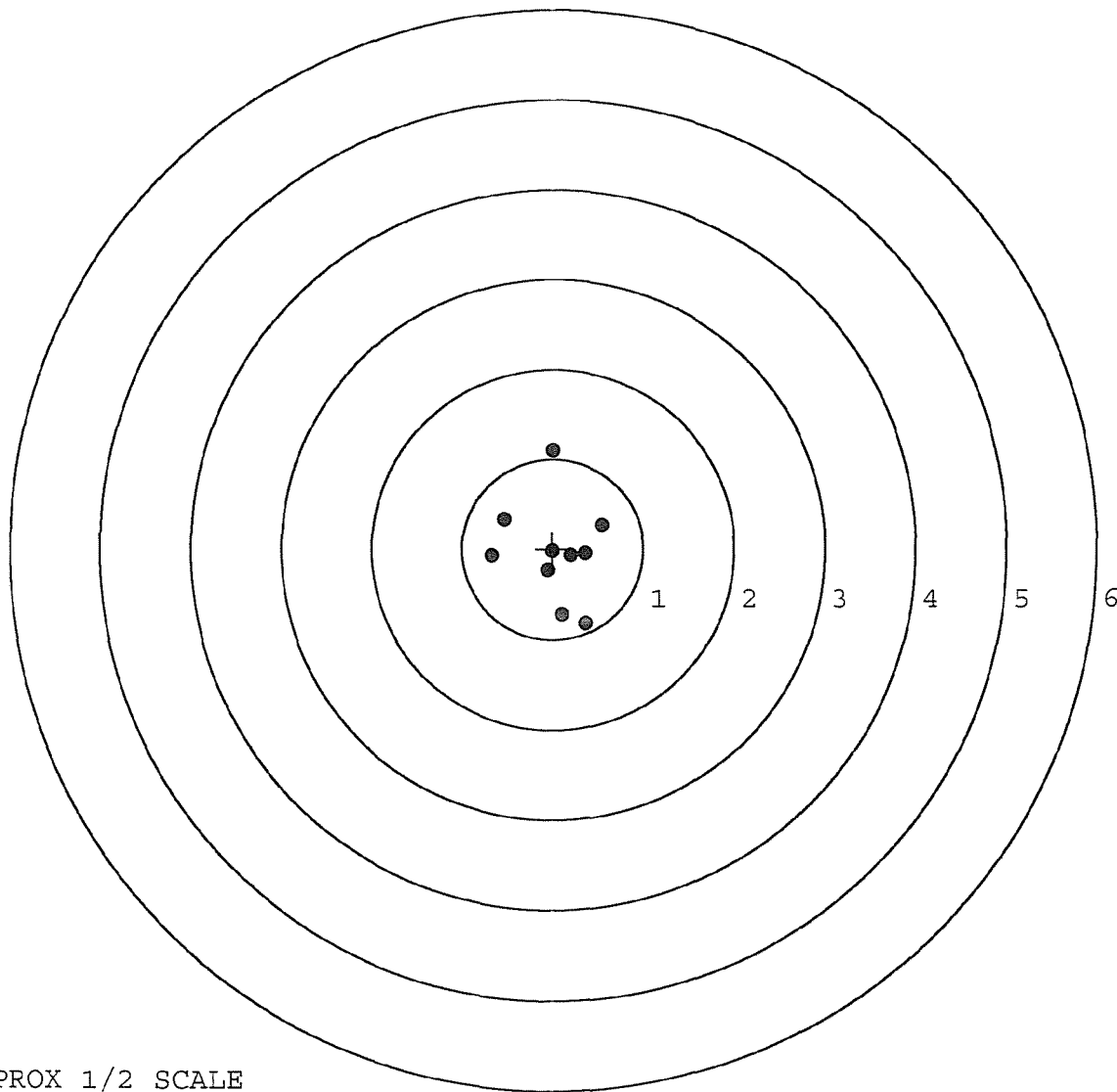


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6535417.____0
TARGET NUMBER: 5
FILE DATE: 03/27/2006
FILE TIME: 05:01

POINT#	X	Y
1:	0.013	1.096
2:	-0.536	0.333
3:	-0.671	-0.078
4:	0.543	0.263
5:	0.366	-0.829
6:	0.106	-0.732
7:	-0.059	-0.243
8:	-0.001	-0.027
9:	0.364	-0.055
10:	0.206	-0.078

X CENTROID: 0.033
Y CENTROID: -0.035
POA TO CENTROID: 0.048
HORZ SPREAD: 1.214
VERT SPREAD: 1.925
GROUP SPREAD: 1.957
MIN RADIUS: 0.035
MAX RADIUS: 1.131
MEAN RADIUS: 0.544
IN 1 IN DIAMETER: 4
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

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

R & E NUMBER	169525		
SERIAL NUMBER	C6498765 (66535417 (NIN))		
LOG-IN DATE	3-7-06		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	3-9-06	RTZ
560 A	RE-BARREL	3-9-06	RTZ
B	DRILL AND TAP	3-17-06	TRW
575	ASSEMBLE	3-9-06	RTZ
600	PROOF	3-15-06	RTZ
605	CHECK HEADSPACE	3-15-06	RTZ
610	DIS-ASSEMBLE GUN	3-17-06	RTZ
612	MAGNAFLUX	3-20-06	APD
615	ROLLMARK CALIBER	3-20-06	CHJ
618	ROTO-BLAST	3-20-06	LB
620	APPLY COATINGS	3-21-06	RTZ
625 A	FINAL ASSEMBLY	3-23-06	RTZ
B	TRIGGER PULL TEST	N/A	AC
C	SAFETY "ON" FORCE	3-27-06	AC
D	SAFETY "OFF" FORCE	3-27-06	AC
E	FIRING PIN INDENT	3-27-06	AC
640	TARGET	3-27-06	TRW
655	FINAL INSPECT	3-27-06	AC
660	PACK	4-6-06	RTZ
		SHIP DATE	
		QAR INSPECTION DATE	

Repair Inquiry

Repair Number: **RE00068111**

Serial: C6498765 Model 700 Center Fire Caliber: 7
62 NATO M/24 SWS

Repairman:

Verify Repair

Status:

Closed 7/28/2003 11:17:27 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:

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

naglerj

7/28/2003

12:46 PM

DAPS

NUM

INS

SCRL

start

Arms Ser...

Arms Ser...

Arms Ser...

Arms Ser...

Arms Ser...

Arms Ser...

Arms Ser...

Serial Number: **C6498765**

Model: **700**



RE00068111

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6498765.___0
FILE DATE AND TIME: 08/20/2003 06:29

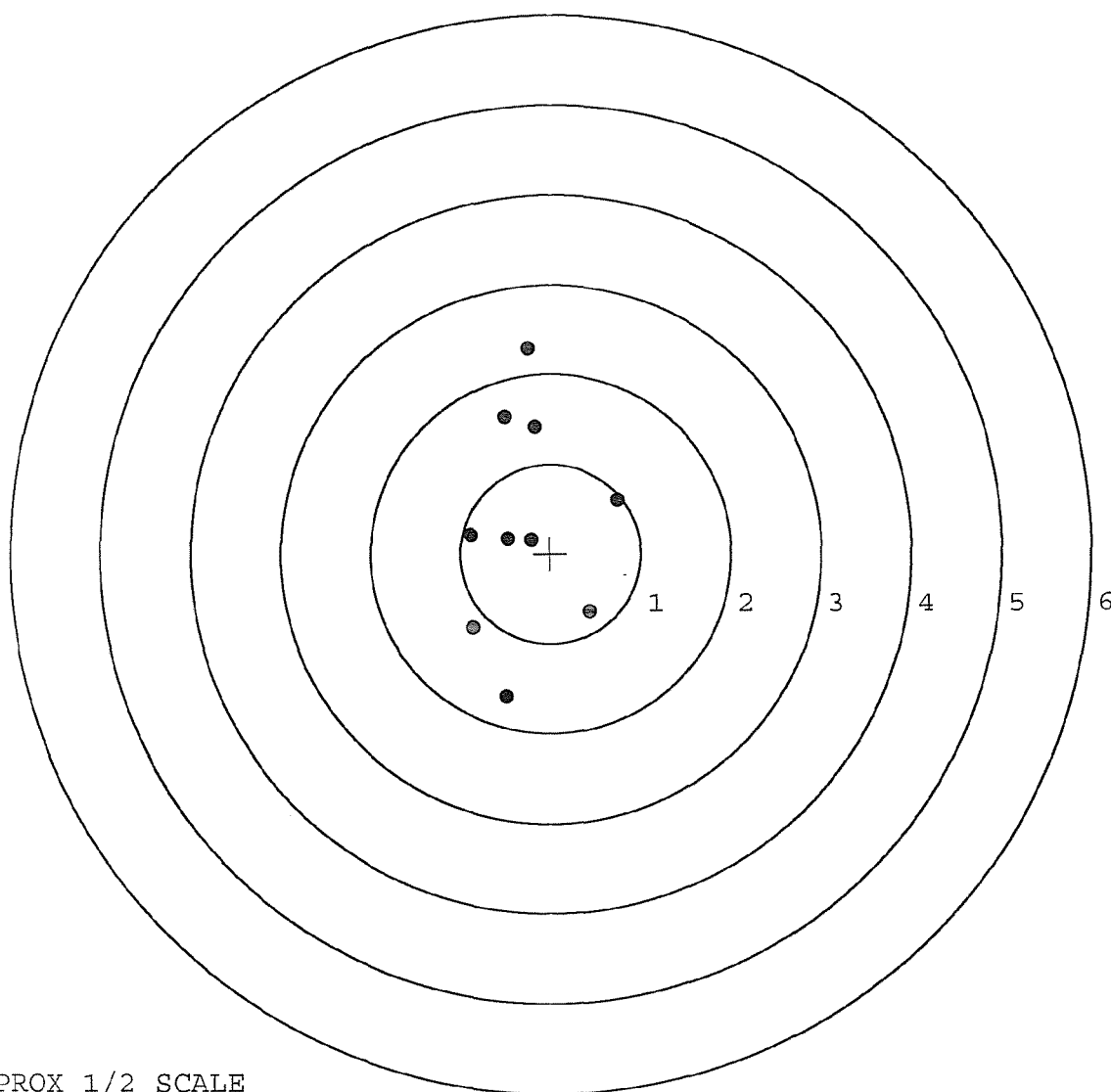
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.080
The Average Y Centroid of the Five Target Set:	-0.002
The Average Point of Impact of the Five Target Set:	0.080
The Average Mean Radius of the Five Target Set:	1.159
The Distance from POA to Centroid Target #1:	0.425
The Distance from Centroid Target #2 to Centroid Target #1:	0.399
The Distance from Centroid Target #3 to Centroid Target #1:	0.546
The Distance from Centroid Target #4 to Centroid Target #1:	0.431
The Distance from Centroid Target #5 to Centroid Target #1:	0.590

SERIAL NUMBER: C6498765. __0
 TARGET NUMBER: 1
 FILE DATE: 08/20/2003
 FILE TIME: 06:29

POINT#	X	Y
1:	-0.493	-1.596
2:	-0.866	-0.833
3:	0.437	-0.644
4:	0.745	0.602
5:	-0.215	0.157
6:	-0.480	0.167
7:	-0.893	0.213
8:	-0.174	1.408
9:	-0.513	1.523
10:	-0.252	2.285

X CENTROID: -0.270
 Y CENTROID: 0.328
 POA TO CENTROID: 0.425
 HORZ SPREAD: 1.638
 VERT SPREAD: 3.881
 GROUP SPREAD: 3.888
 MIN RADIUS: 0.180
 MAX RADIUS: 1.957
 MEAN RADIUS: 1.083
 # IN 1 IN DIAMETER: 2
 # IN 2 IN DIAMETER: 3
 # in 3 IN DIAMETER: 8

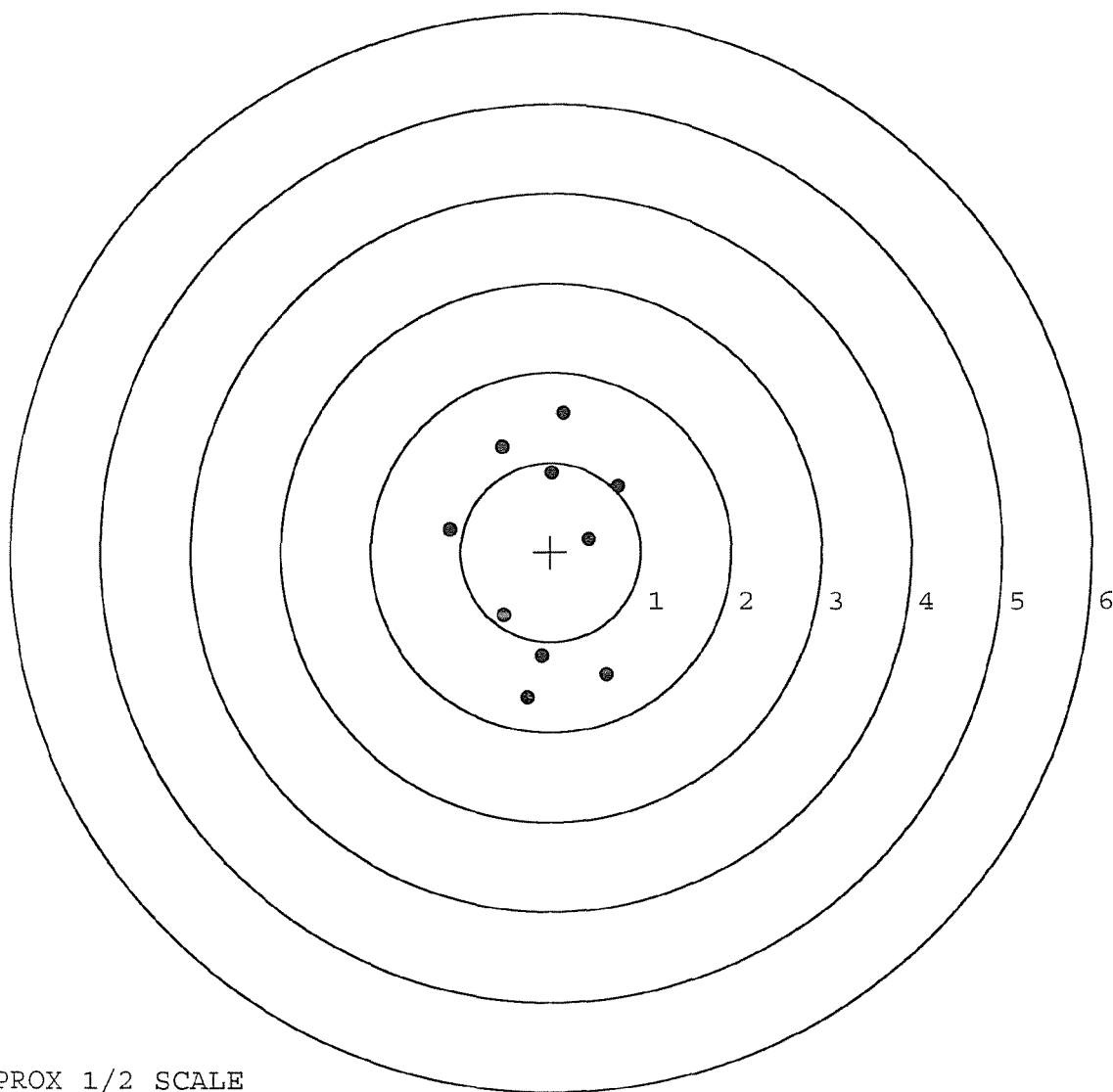


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6498765. __0
TARGET NUMBER: 2
FILE DATE: 08/20/2003
FILE TIME: 06:29

POINT#	X	Y
1:	0.624	-1.362
2:	-0.096	-1.165
3:	-0.257	-1.626
4:	-0.525	-0.710
5:	-1.125	0.249
6:	0.425	0.149
7:	0.751	0.745
8:	0.018	0.893
9:	-0.537	1.177
10:	0.140	1.552

X CENTROID: -0.058
Y CENTROID: -0.010
POA TO CENTROID: 0.059
HORZ SPREAD: 1.876
VERT SPREAD: 3.178
GROUP SPREAD: 3.203
MIN RADIUS: 0.509
MAX RADIUS: 1.628
MEAN RADIUS: 1.161
IN 1 IN DIAMETER: 0
IN 2 IN DIAMETER: 3
in 3 IN DIAMETER: 7

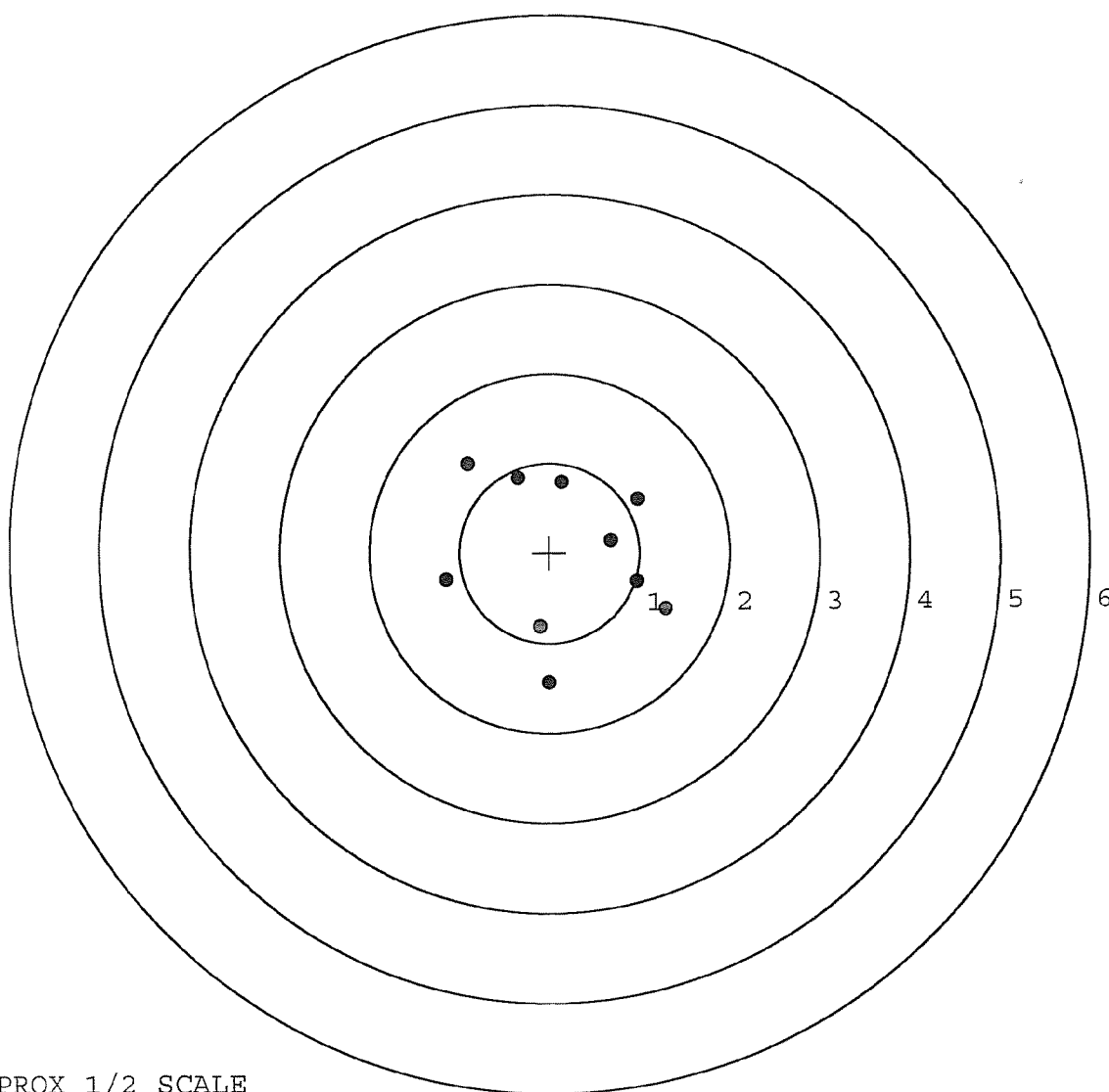


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6498765. __0
 TARGET NUMBER: 3
 FILE DATE: 08/20/2003
 FILE TIME: 06:29

POINT#	X	Y
1:	-0.019	-1.443
2:	-0.107	-0.821
3:	-1.147	-0.294
4:	1.286	-0.628
5:	0.967	-0.325
6:	0.682	0.138
7:	0.983	0.600
8:	0.146	0.792
9:	-0.340	0.839
10:	-0.902	0.998

X CENTROID: 0.155
 Y CENTROID: -0.014
 POA TO CENTROID: 0.156
 HORZ SPREAD: 2.433
 VERT SPREAD: 2.441
 GROUP SPREAD: 2.726
 MIN RADIUS: 0.549
 MAX RADIUS: 1.464
 MEAN RADIUS: 1.061
 # IN 1 IN DIAMETER: 0
 # IN 2 IN DIAMETER: 5
 # in 3 IN DIAMETER: 10

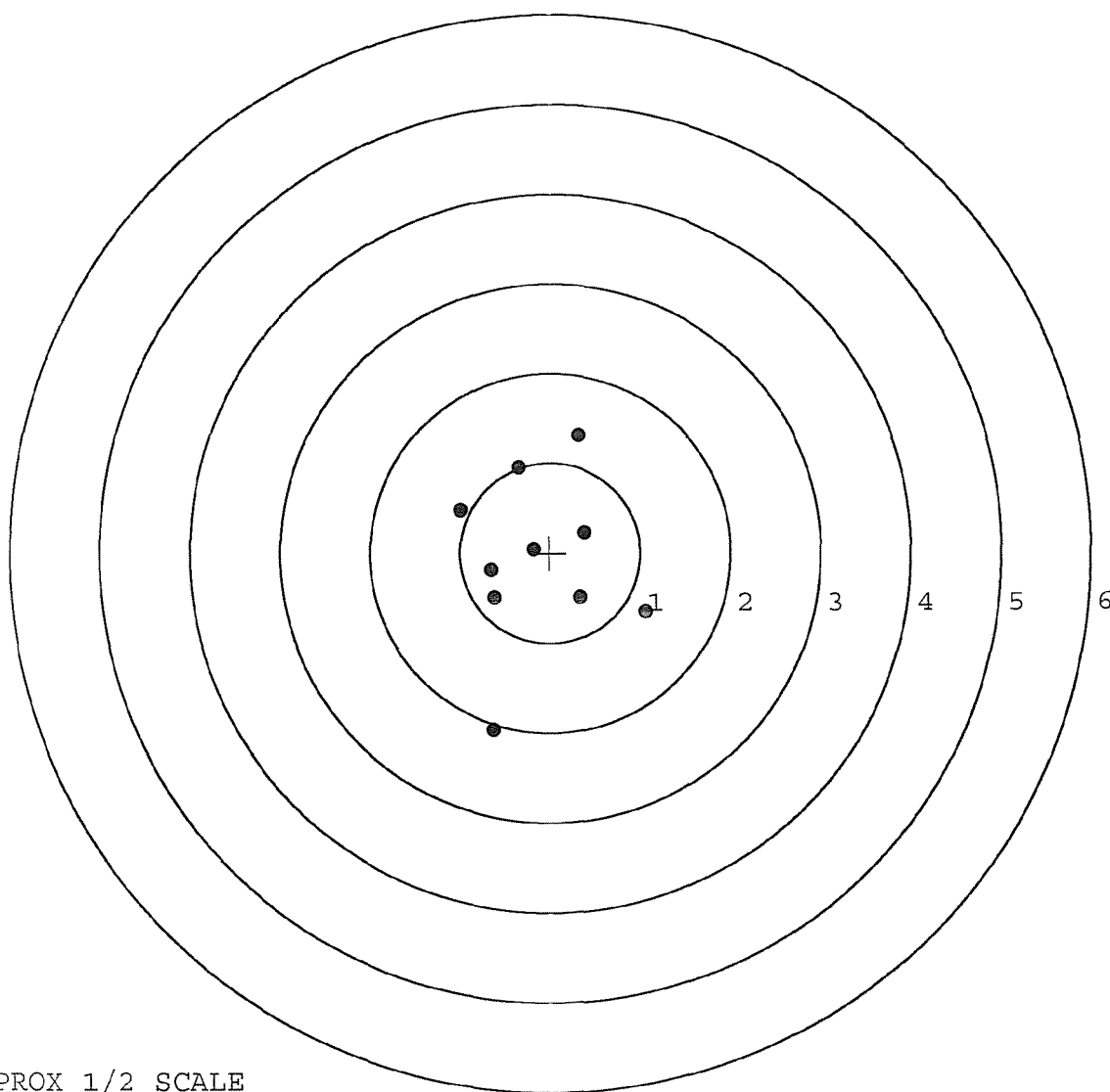


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6498765. __0
TARGET NUMBER: 4
FILE DATE: 08/20/2003
FILE TIME: 06:29

POINT#	X	Y
1:	1.059	-0.657
2:	0.335	-0.494
3:	-0.633	-1.970
4:	-0.617	-0.496
5:	-0.652	-0.189
6:	-0.180	0.041
7:	0.381	0.231
8:	-0.344	0.948
9:	0.316	1.301
10:	-0.997	0.478

X CENTROID: -0.133
Y CENTROID: -0.081
POA TO CENTROID: 0.156
HORZ SPREAD: 2.056
VERT SPREAD: 3.271
GROUP SPREAD: 3.406
MIN RADIUS: 0.130
MAX RADIUS: 1.954
MEAN RADIUS: 0.933
IN 1 IN DIAMETER: 1
IN 2 IN DIAMETER: 5
in 3 IN DIAMETER: 9

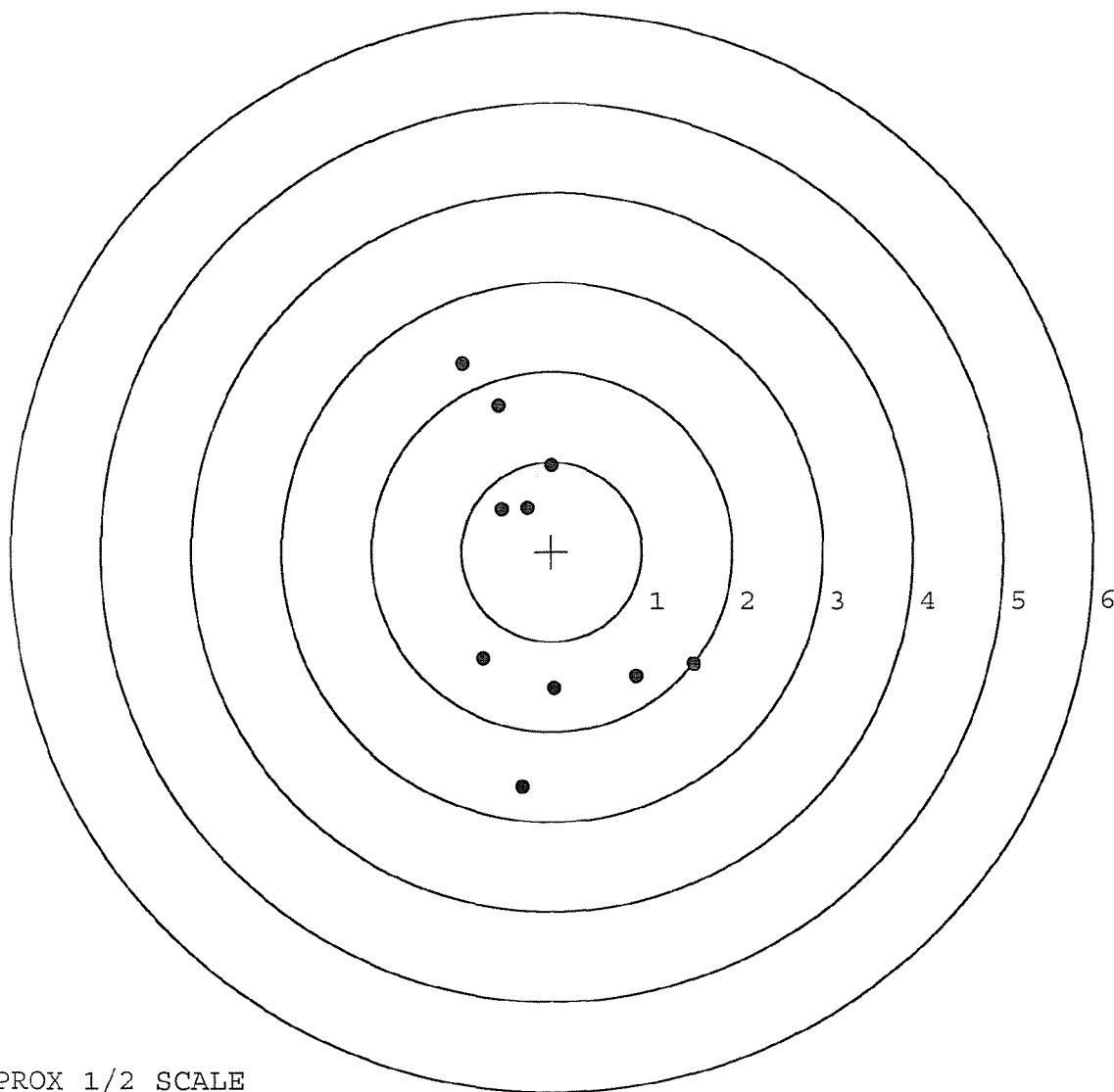


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6498765. __0
TARGET NUMBER: 5
FILE DATE: 08/20/2003
FILE TIME: 06:29

X CENTROID: -0.093
Y CENTROID: -0.234
POA TO CENTROID: 0.252
HORZ SPREAD: 2.568
VERT SPREAD: 4.698
GROUP SPREAD: 4.745
MIN RADIUS: 0.746
MAX RADIUS: 2.484
MEAN RADIUS: 1.555
IN 1 IN DIAMETER: 0
IN 2 IN DIAMETER: 2
in 3 IN DIAMETER: 5

POINT#	X	Y
1:	1.577	-1.260
2:	0.936	-1.389
3:	0.032	-1.521
4:	-0.754	-1.188
5:	-0.322	-2.616
6:	-0.558	0.475
7:	-0.269	0.491
8:	0.005	0.960
9:	-0.587	1.625
10:	-0.991	2.082



TARGET APPROX 1/2 SCALE

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

SERIAL # C6498765 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	C08111		
SERIAL NUMBER	C6498265		
LOG-IN DATE	7-28-03		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	8-4-03	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	8-19-03	RTL
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE		
D	SAFETY "OFF" FORCE		
E	FIRING PIN INDENT		
640	TARGET	8-20-03	TRW
655	FINAL INSPECT	8-20-03	RTL
660	PACK	8-21-03	DA
		SHIP DATE	
	QAR INSPECTION DATE		

R ORDER
94-18156

Scope # 90-0304

NATO

ACCESSORIES	SOFT CASE	L/SIGHTS
-------------	-----------	----------

SHIP TO:

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

36201-5025

CUST NO: 998397 CJO, DL

WRITE

VIA

RESULTS

☐ MARRED

TOTAL

INSPECT

45

1000

100

C2

MAIN FAULT

PARTS

COMMENTS

- ✓ Barrel
- ✓ Stick
- ✓ Trigger Assy
- ✓ Firing pin Assy
- ✓ Front & Rear Sight Assy

PATTERN

DATE _____

RD6925 REV. 1/94

M2400179621

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. C6498765

DATE 3-25-96

TESTER DA

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.64	2.76	2.76		MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.43	2.72	2.89		
PULL #3	2.32	2.60	2.69		
PULL #4	2.43	2.69	2.66		
PULL #5	2.24	2.68	2.68		
TOTAL	1206	1345	1368		
AVG.	2.41	2.69	2.73		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.17	3.05		
PULL #2	3.23	2.95		
PULL #3	3.12	3.21		
PULL #4	3.07	3.05		
PULL #5	3.17	3.16		
TOTAL	1576	1542		
AVG.	3.15	3.08		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.13	4.04		4.21
PULL #2	4.00	3.94		4.15
PULL #3	4.21	4.01		4.16
PULL #4	4.00	4.12		4.14
PULL #5	4.01	3.91		4.10
TOTAL	2035	2002		2076
AVG.	4.07	4.00		4.15

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06498765
11 Feb 1900

CENTROIDAL DISTANCES

0 TO 1	.604305
1 TO 2	.151003
1 TO 3	.336681
1 TO 4	.337053
1 TO 5	.291043

$\bar{x}$
+ <----POA

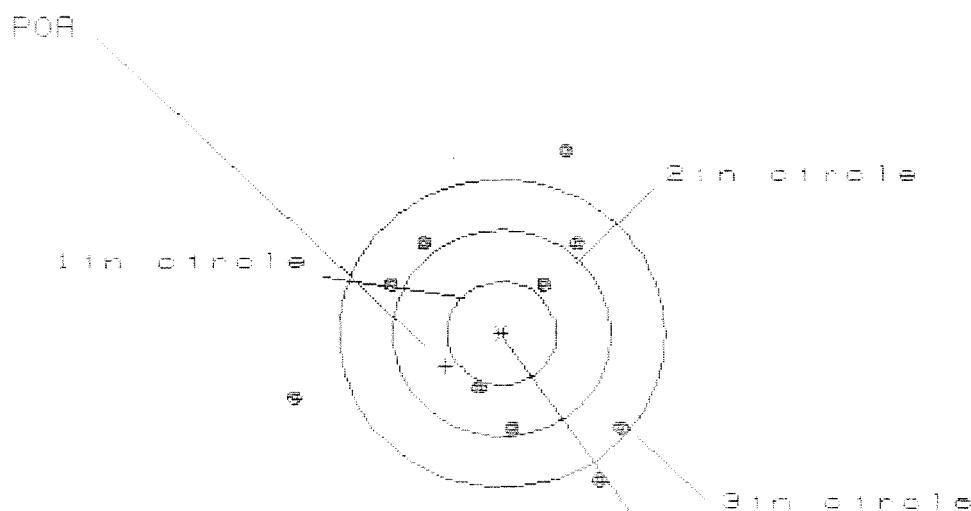
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .393
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .427
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .580326

THE AMR FOR THIS RIFLE IS: 1.011

11 Feb 1968

FILE:/PATTERNING/CENTERFIRE_PATT/06498765

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1in = 0

2in = 3

3in = 7

HS= 3.045

VS= 3.210

GS= 3.461

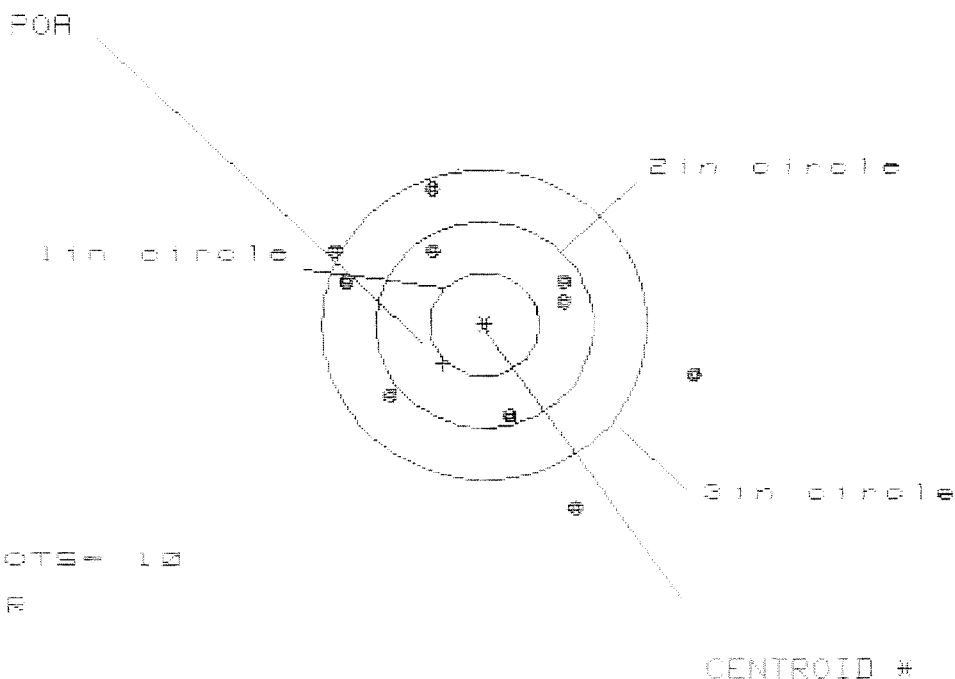
CENTROID #

PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.117	.902	.949
MINIMUM X	:	-1.928	-1.233	-1.186
MAXIMUM Y	:	1.769	1.701	1.061
MINIMUM Y	:	-1.441	-1.509	-1.296
CENTROID X	:	.512	.727	.680
CENTROID Y	:	.321	.389	.176
POA TO CENTROID in.	:	.605	.824	.702
MIN RADIUS	:	.558	.439	.512
MEAN RADIUS	:	1.259	1.159	1.072
MAX RADIUS	:	2.022	1.742	1.498
HORIZONTAL SPREAD	:	3.045	2.135	2.135
VERTICAL SPREAD	:	3.210	3.210	2.357
EXTREME SPREAD	:	3.461	3.227	2.824
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		3	
NUMBER IN THREE INCH CIRCLE	=		7	

11 Feb 1988

FILE:/PATTERNING/CENTERFIRE_PATT/C8498765

CENTERFIRE PATTERNS # 2



OF SHOTS = 10

IN CIR

1in = 0

2in = 4

3in = 7

HS = 3.363

VS = 3.020

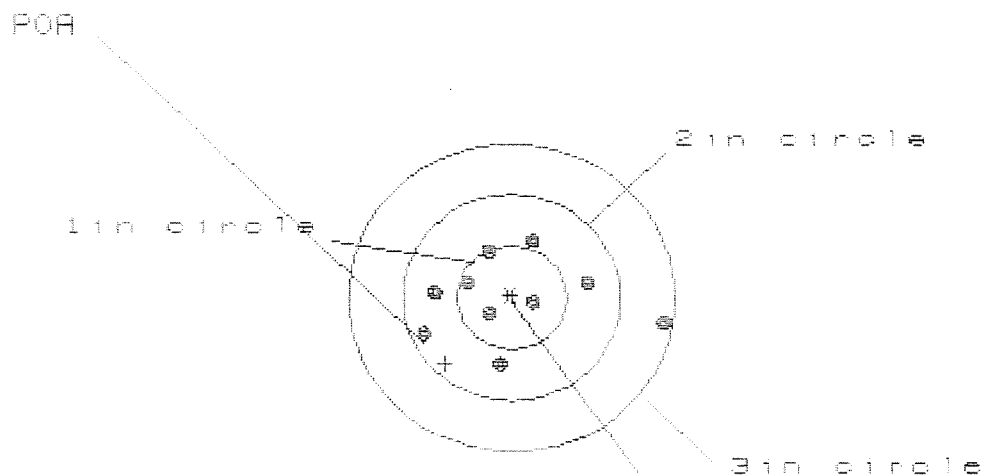
GS = 3.597

PATTERN #	2	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.976	1.005	1.118
MINIMUM X	-1.387	-1.168	-1.042
MAXIMUM Y	1.282	1.225	1.001
MINIMUM Y	-1.738	-1.795	-1.185
CENTROID X	.373	.154	.028
CENTROID Y	.380	.437	.661
FOR TO CENTROID IN.	-.532	.463	.682
MIN RADIUS	.795	.735	.481
MEAN RADIUS	1.286	1.182	1.031
MAX RADIUS	2.041	2.057	1.323
HORIZONTAL SPREAD	3.363	2.173	2.160
VERTICAL SPREAD	3.020	3.020	2.186
EXTREME SPREAD	3.597	3.313	2.331
NUMBER IN ONE INCH CIRCLE =		0	
NUMBER IN TWO INCH CIRCLE =		4	
NUMBER IN THREE INCH CIRCLE =		7	

11 Feb 1968

FILE:/PATTERNING/CENTERFIRE_PATT/0649B765

CENTERFIRE PATTERNS # 3



OF SHOTS= 10

IN CIR

1in = 4

2in = 9

3in = 10

HS= 2.156

VS= 1.171

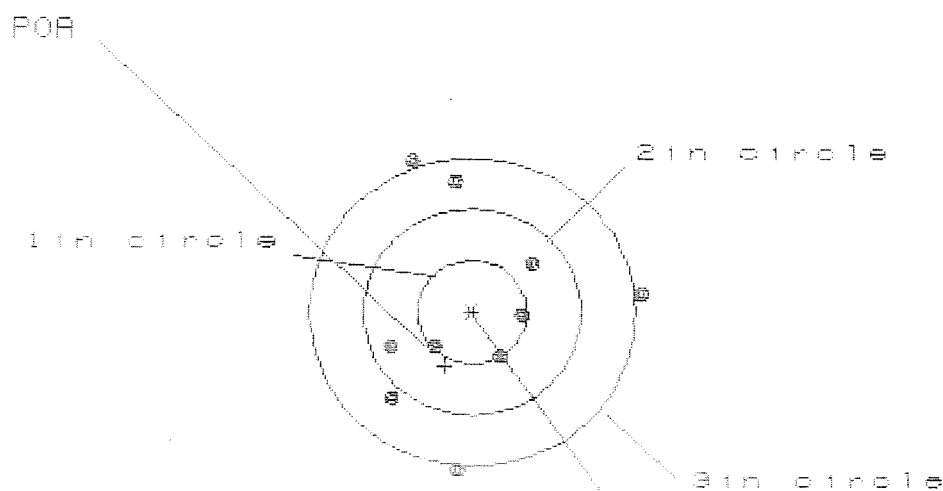
GS= 2.159

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.363	.828	.740
MINIMUM X	:	-.793	-.642	-.624
MAXIMUM Y	:	.572	.547	.501
MINIMUM Y	:	-.599	-.624	-.670
CENTROID X	:	.607	.456	.536
CENTROID Y	:	.644	.669	.715
POA TO CENTROID in.	:	.885	.809	.893
MIN RADIUS	:	.169	.175	.241
MEAN RADIUS	:	.617	.511	.483
MAX RADIUS	:	1.381	.838	.751
HORIZONTAL SPREAD	:	2.156	1.462	1.364
VERTICAL SPREAD	:	1.171	1.171	1.171
EXTREME SPREAD	:	2.159	1.558	1.377
NUMBER IN ONE INCH CIRCLE	=		4	
NUMBER IN TWO INCH CIRCLE	=		9	
NUMBER IN THREE INCH CIRCLE	=		10	

11 Feb 1988

FILE:/PATTERNING/CENTERFIRE_PATT/C6498765

CENTERFIRE PATTERNS # 4



OF SHOTS- 10

IN CIR

1in = 2

2in = 5

3in = 8

HE= 2.268

VS= 2.268

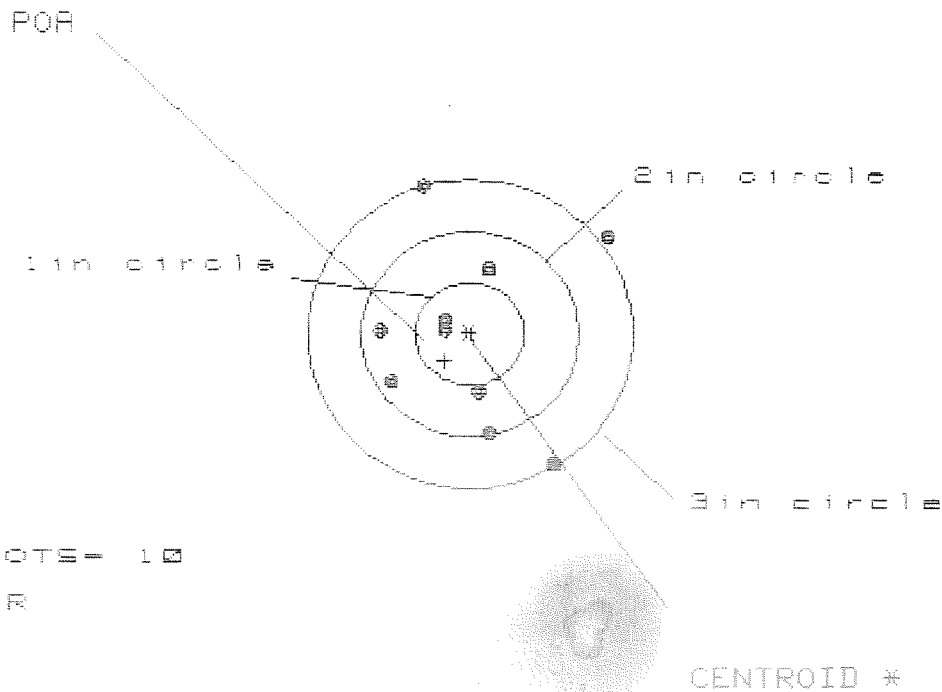
GS= 2.290

PATTERN #	4		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.584	1.444	.628
MINIMUM X	-.764	-.324	-.511
MAXIMUM Y	1.481	1.415	1.458
MINIMUM Y	-1.488	-1.324	-1.281
CENTROID X	.246	.306	.126
CENTROID Y	.528	.364	.321
POA TO CENTROID in.	.583	.475	.345
MIN RADIUS	.436	.354	.273
MEAN RADIUS	.984	.895	.803
MAX RADIUS	1.576	1.484	1.458
HORIZONTAL SPREAD	2.268	2.268	1.272
VERTICAL SPREAD	2.969	2.739	2.739
EXTREME SPREAD	2.990	2.740	2.740
NUMBER IN ONE INCH CIRCLE	=	2	
NUMBER IN TWO INCH CIRCLE	=	5	
NUMBER IN THREE INCH CIRCLE	=	8	

11 Feb 1900

FILE:/PATTERNING/CENTERFIRE_PATT/06498765

CENTERFIRE PATTERNS # 5



OF SHOTS= 10
 # IN CIR
 1in = 2
 2in = 6
 3in = 8
 HS= 2.146
 VS= 2.766
 GS= 2.988

PATTERN #	5		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.306	.877	.846
MINIMUM X	-.840	-.695	-.726
MAXIMUM Y	1.467	1.576	.967
MINIMUM Y	-1.299	-1.190	-.993
CENTROID X	.227	.082	.113
CENTROID Y	.262	.153	-.044
POA TO CENTROID in.	.347	.173	.121
MIN RADIUS	.190	.150	.285
MEAN RADIUS	.911	.800	.708
MAX RADIUS	1.635	1.596	1.304
HORIZONTAL SPREAD	2.146	1.572	1.572
VERTICAL SPREAD	2.766	2.766	1.960
EXTREME SPREAD	2.988	2.988	2.042
NUMBER IN ONE INCH CIRCLE	=	2	
NUMBER IN TWO INCH CIRCLE	=	6	
NUMBER IN THREE INCH CIRCLE	=	8	

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6498765

#	OP. NAME	READINGS	DATE	INITIAL
5 & 10	Assemble Action and Stock			
10	Proof			
07	Check Headspace			
10	Dis-assemble Gun			
12	Magnaflux Barrel Action			
	Magnaflux Bolt			
15	Rollmark Caliber			
17	Drill and Tap Sight Holes			
18	Polish Barrel			
20	Apply Coatings (Barrel Action)			
	Apply Coating (Bolt)			
25	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
625 cont.	F) Safety On Force	6	6	6			5/14/96	Ru
	G) Safety Off Force	3.5	3.5	3.5			5/14/96	Ru
	H) Trigger Pull Test & Retainability							
	I) Firing Pin Indent	.025	.025	.024			5/14/96	Ru
	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							
640	Gallery Target & Test							
	A) Time							
	B) Malfunctions							
	C) Pierced Primers							
	D) Optical Clarity of Scope							
645	Inspect for Live Ammo							
655	Final Inspection A) Headspace							
	B) Trigger Pull	2.81	2.94	2.94	2.32	2.37	5/14/96	Ru
	C) Function							
660	Pack							