

G 4300611
Rephoe
C. 6611503

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: **RE00087146** Serial: G6300611 Model: M24 SWS Center Fire Caliber: 7.62 NATO Repairman: Status: Closed 10/27/2004 2:48:53 PM

Verify Repair

Address Information

Customer: ☐ Received From: ☒ Return To: ☐ Received From: ☐

Name: **TRANSPORTATION DIV DFEL** **TRANSPORTATION DIV DFEL**

Address 1: **BLDG 1836** **BLDG 1836**

Address 2: **6759 MITCHELL AVE** **6759 MITCHELL AVE** 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: Good Condition Notes: CSR Notes:

Accessories Received:

Code	Desc	Qty
A007	With Stud	3
A010	Hard Case	1
A017	Scope Base	1
C000	F AND R SGT BASES	1

Repair Search Refresh Close

10/27/2004 3:31 PM CAPS NUM INS SCPL

start 2 3 2

Serial Number: **G6300611**

Model: **M24 SWS**



RE00087146

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

R & E NUMBER	87146		
SERIAL NUMBER	G-6300611		
LOG-IN DATE	10-27-04		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	11-2-04	GA
560 A	RE-BARREL	N/A	HA
B	DRILL AND TAP		
575	ASSEMBLE		
600	PROOF		
605	CHECK HEADSPACE		
610	DIS-ASSEMBLE GUN		
612	MAGNAFLUX		
615	ROLLMARK CALIBER		
618	ROTO-BLAST	11-6-04	LB
620	APPLY COATINGS	11/9	HP
625 A	FINAL ASSEMBLY	11-18-04	RTL
B	TRIGGER PULL TEST	N/A	N/A
C	SAFETY "ON" FORCE	N/A	N/A
D	SAFETY "OFF" FORCE		
E	FIRING PIN INDENT		
640	TARGET		
655	FINAL INSPECT	11-23-04	AC
660	PACK	11/24/04	RA
		SHIP DATE	
QAR INSPECTION DATE			

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: **RE00066083** Serial: C6611503 Model 700 Center Fire Caliber: 7 Repairman:
 Verify Repair 62 NATO M24 SWS Status: Closed 6/2/2003 11:22:43 AM

Address Information

Customer: ☒ Received From Return To: ☐ Received From
 Name: **SUPPLY DIVISION US AIC** **SUPPLY DIVISION US AIC**
 Address 1: **BLDG 400** **BLDG 400**
 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 Fair Condition Notes: CSR Notes:	Accessories Received <table border="1"> <thead> <tr> <th>Code</th> <th>Desc</th> <th>Qty</th> </tr> </thead> <tbody> <tr> <td>A007</td> <td>With Studs</td> <td>3</td> </tr> <tr> <td>A010</td> <td>Hard Case</td> <td>1</td> </tr> <tr> <td>A017</td> <td>Scope Base</td> <td>2</td> </tr> <tr> <td>A026</td> <td>Scope</td> <td>1</td> </tr> <tr> <td>X001</td> <td>Front Base</td> <td>1</td> </tr> </tbody> </table>			Code	Desc	Qty	A007	With Studs	3	A010	Hard Case	1	A017	Scope Base	2	A026	Scope	1	X001	Front Base	1
Code	Desc	Qty																				
A007	With Studs	3																				
A010	Hard Case	1																				
A017	Scope Base	2																				
A026	Scope	1																				
X001	Front Base	1																				

Repair Search **Refresh** **Close**

nagletj 6/2/2003 11:46 AM CAPS NUM INS SCRL

start 5 Micros 2 SAPCLI Arms Servi... Part Search My E-site 3 Micros 11:46 AM

G6300611 (New)

Serial Number: **C6611503**

Model: **700**



RE00066083

INITIAL & CYCLE TESTS
 2.50# + .50#
 3.00# + .75#
 4.00# + 1.00#

DATE 6-4-03

TESTER TRW

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.54	2.41		2.49	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2
PULL #2	2.43	2.26		2.54	
PULL #3	2.39	2.32		2.46	
PULL #4	2.35	2.04		2.51	
PULL #5	2.34	2.29		2.60	
TOTAL	12.05	11.32		12.60	
AVG.	2.41	2.26		2.52	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.26	3.39		
PULL #2	3.48	3.49		
PULL #3	3.46	3.39		
PULL #4	3.41	3.16		
PULL #5	3.49	3.49		
TOTAL	17.10	16.92		
AVG.	3.42	3.38		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCUR
PULL #1	4.38	4.06		4.26
PULL #2	4.23	4.10		4.30
PULL #3	4.19	3.99		4.29
PULL #4	4.33	4.06		4.27
PULL #5	4.38	4.05		4.25
TOTAL	21.51	20.26		21.37
AVG.	4.30	4.05		4.27

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

SERIAL # E6300611

INSPECTED BY: RTL

DATE REC'D: 6-2-03

DATE RET'D: 6-26-03

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:

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6300611.___0
FILE DATE AND TIME: 06/24/2003 06:39

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.293
The Average Y Centroid of the Five Target Set:	0.012
The Average Point of Impact of the Five Target Set:	0.294
The Average Mean Radius of the Five Target Set:	0.851
The Distance from POA to Centroid Target #1:	0.170
The Distance from Centroid Target #2 to Centroid Target #1:	0.339
The Distance from Centroid Target #3 to Centroid Target #1:	0.253
The Distance from Centroid Target #4 to Centroid Target #1:	0.399
The Distance from Centroid Target #5 to Centroid Target #1:	0.518

SERIAL NUMBER: G6300611. __0

TARGET NUMBER: 1

FILE DATE: 06/24/2003

FILE TIME: 06:39

POINT#	X	Y
1:	0.788	0.155
2:	0.316	0.191
3:	-0.506	0.276
4:	-0.351	-0.285
5:	-1.282	-0.369
6:	-0.802	-1.560
7:	0.559	-0.771
8:	-0.520	2.073
9:	-0.216	-0.152
10:	0.494	-0.329

X CENTROID: -0.152

Y CENTROID: -0.077

POA TO CENTROID: 0.170

HORZ SPREAD: 2.070

VERT SPREAD: 3.633

GROUP SPREAD: 3.644

MIN RADIUS: 0.099

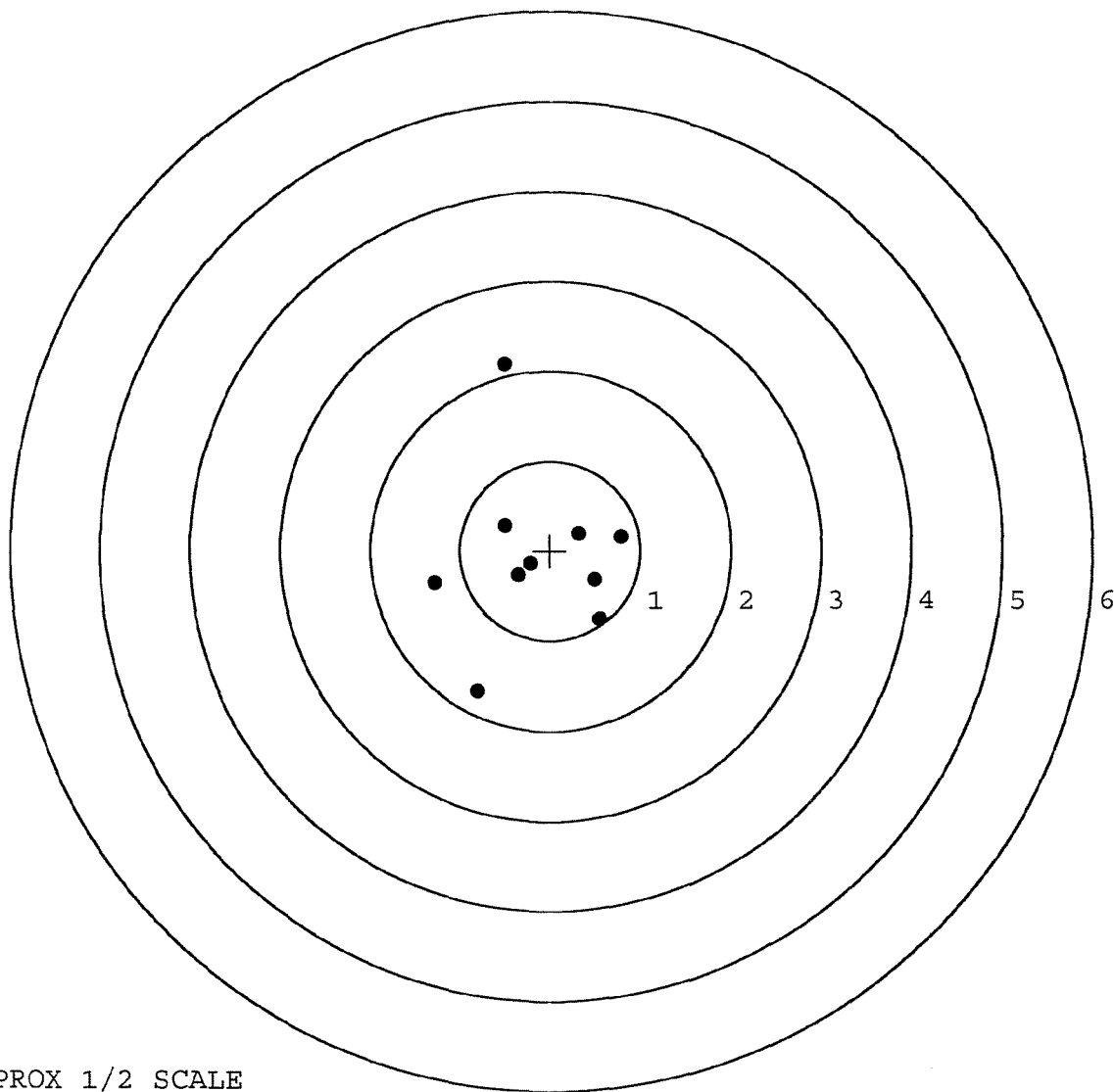
MAX RADIUS: 2.181

MEAN RADIUS: 0.905

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 8

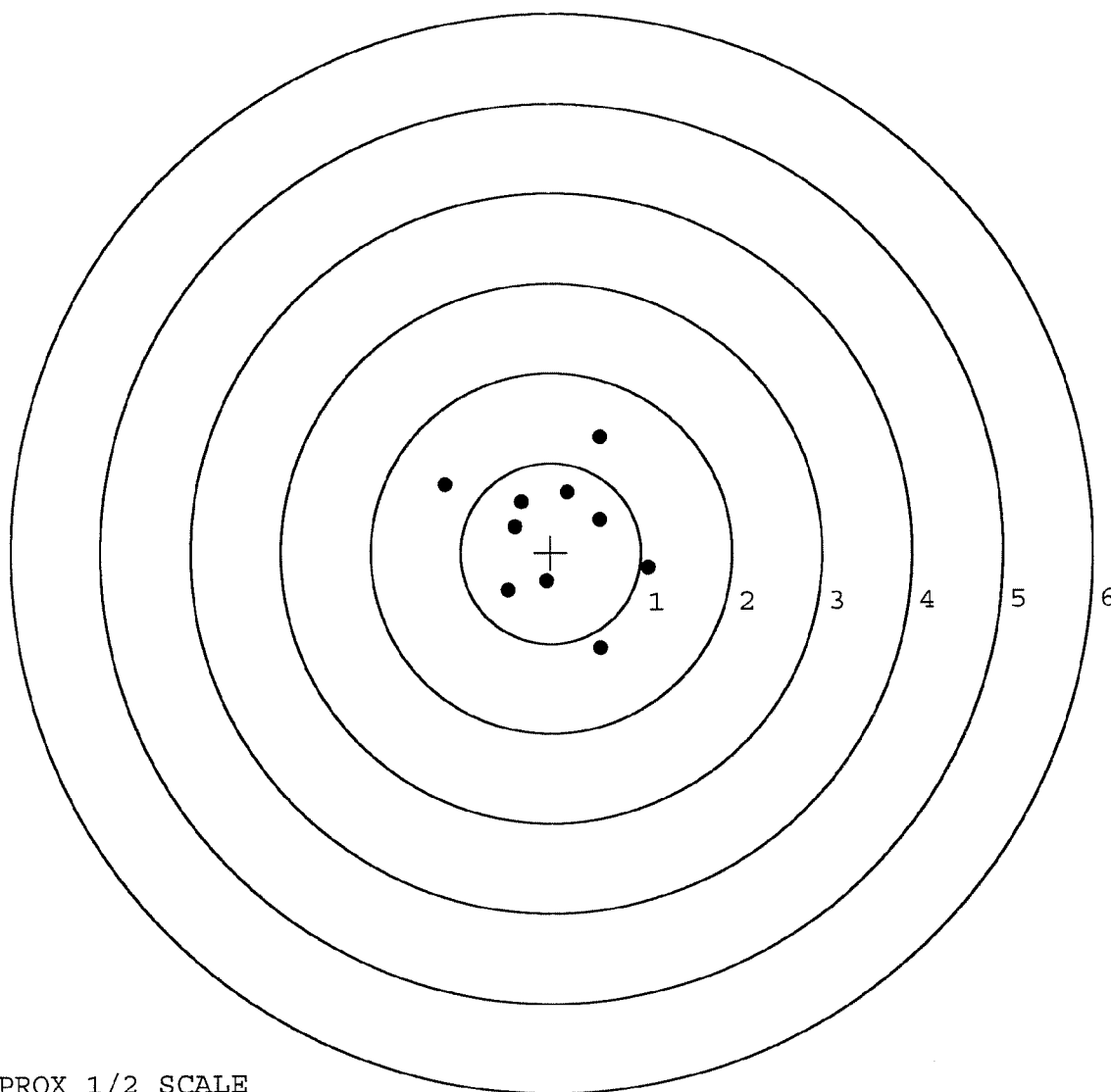


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6300611. __0
TARGET NUMBER: 2
FILE DATE: 06/24/2003
FILE TIME: 06:39

X CENTROID: 0.049
Y CENTROID: 0.196
POA TO CENTROID: 0.202
HORZ SPREAD: 2.242
VERT SPREAD: 2.338
GROUP SPREAD: 2.499
MIN RADIUS: 0.459
MAX RADIUS: 1.346
MEAN RADIUS: 0.832
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 6
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.556	1.284
2:	-1.167	0.763
3:	0.190	0.669
4:	0.549	0.364
5:	1.075	-0.179
6:	0.549	-1.054
7:	-0.053	-0.320
8:	-0.480	-0.419
9:	-0.400	0.287
10:	-0.325	0.562



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6300611. __0

TARGET NUMBER: 3

FILE DATE: 06/24/2003

FILE TIME: 06:39

POINT#	X	Y
1:	0.167	1.291
2:	-0.036	0.589
3:	-0.192	0.024
4:	-0.681	-0.115
5:	-0.141	-0.441
6:	0.055	-0.100
7:	0.437	-0.135
8:	-0.026	-1.572
9:	-0.449	-1.602
10:	-1.532	-1.080

X CENTROID: -0.240

Y CENTROID: -0.314

POA TO CENTROID: 0.395

HORZ SPREAD: 1.969

VERT SPREAD: 2.893

GROUP SPREAD: 2.958

MIN RADIUS: 0.161

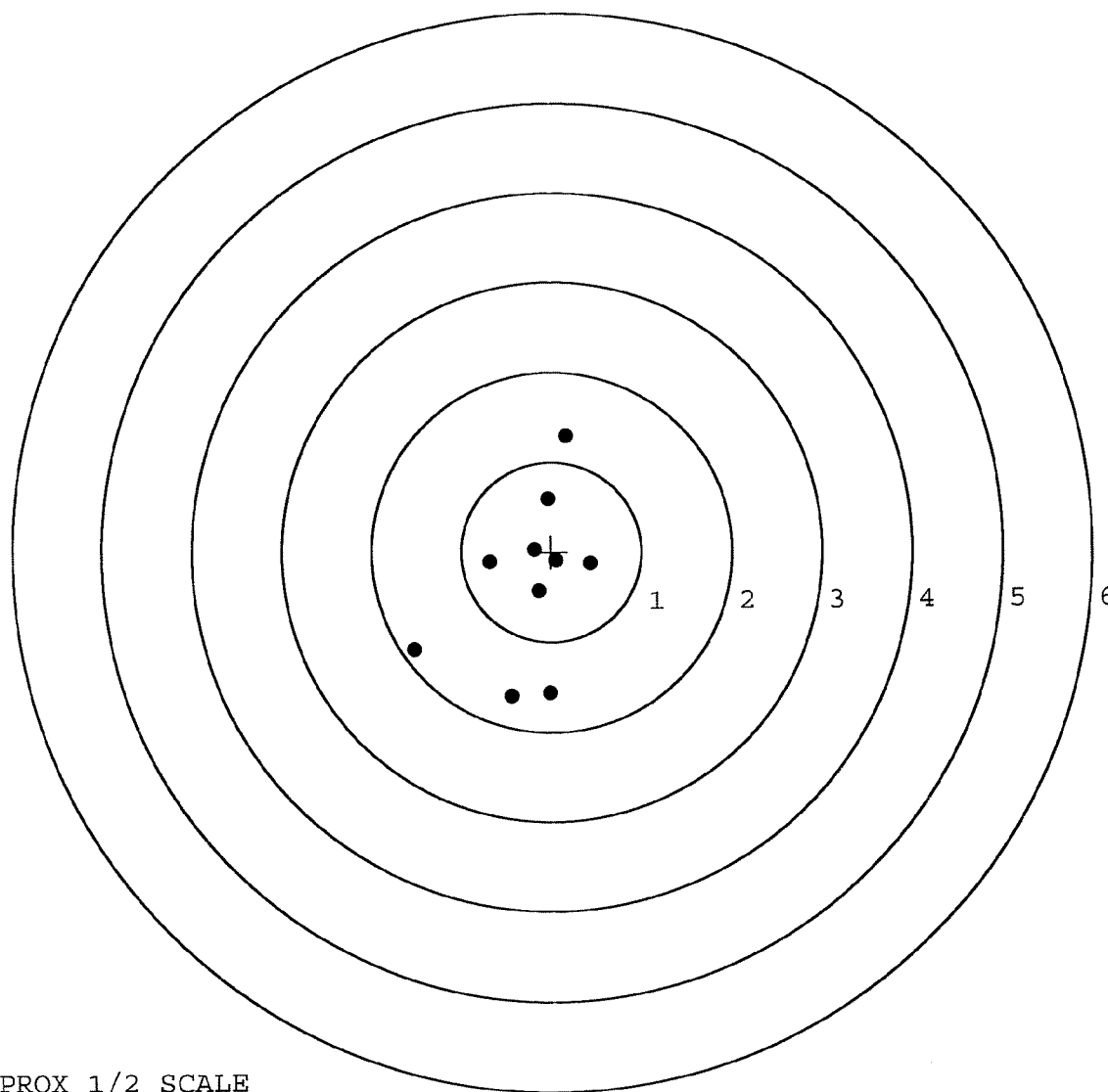
MAX RADIUS: 1.656

MEAN RADIUS: 0.872

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 6

in 3 IN DIAMETER: 8

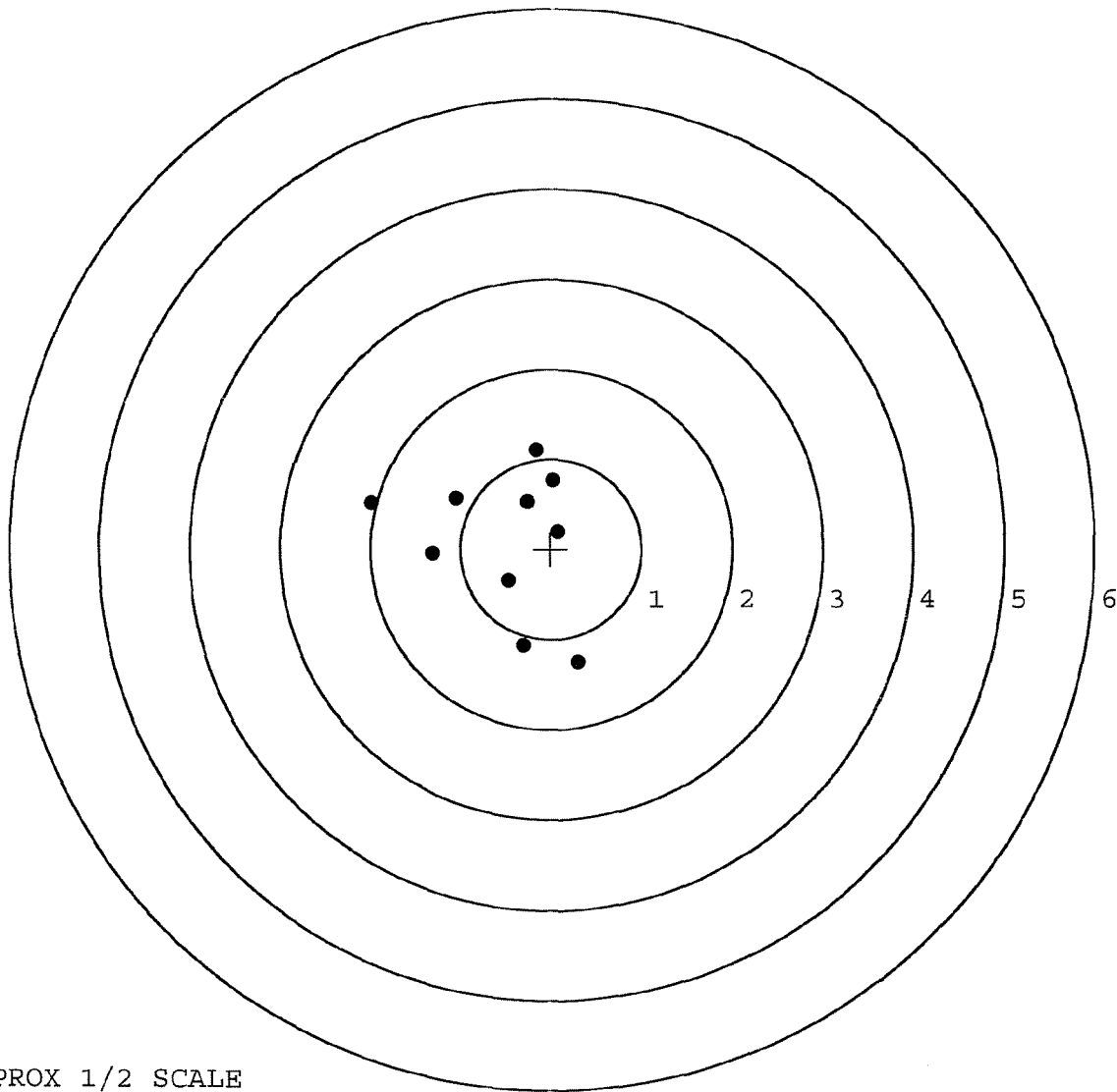


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6300611. __0
TARGET NUMBER: 4
FILE DATE: 06/24/2003
FILE TIME: 06:39

X CENTROID: -0.514
Y CENTROID: 0.092
POA TO CENTROID: 0.522
HORZ SPREAD: 2.311
VERT SPREAD: 2.357
GROUP SPREAD: 2.908
MIN RADIUS: 0.442
MAX RADIUS: 1.583
MEAN RADIUS: 0.930
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 6
in 3 IN DIAMETER: 8

POINT#	X	Y
1:	-0.167	1.099
2:	0.021	0.766
3:	-0.266	0.525
4:	0.084	0.187
5:	-1.049	0.562
6:	-1.998	0.507
7:	-1.307	-0.050
8:	-0.467	-0.348
9:	-0.301	-1.075
10:	0.313	-1.258



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6300611. __0

TARGET NUMBER: 5

FILE DATE: 06/24/2003

FILE TIME: 06:39

POINT#	X	Y
1:	0.161	0.465
2:	0.158	0.293
3:	0.299	-0.064
4:	-0.232	-0.464
5:	-0.479	0.330
6:	-0.976	0.701
7:	-1.207	0.026
8:	-1.322	-0.308
9:	-1.990	0.386
10:	-0.522	0.275

X CENTROID: -0.611

Y CENTROID: 0.164

POA TO CENTROID: 0.633

HORZ SPREAD: 2.289

VERT SPREAD: 1.165

GROUP SPREAD: 2.333

MIN RADIUS: 0.142

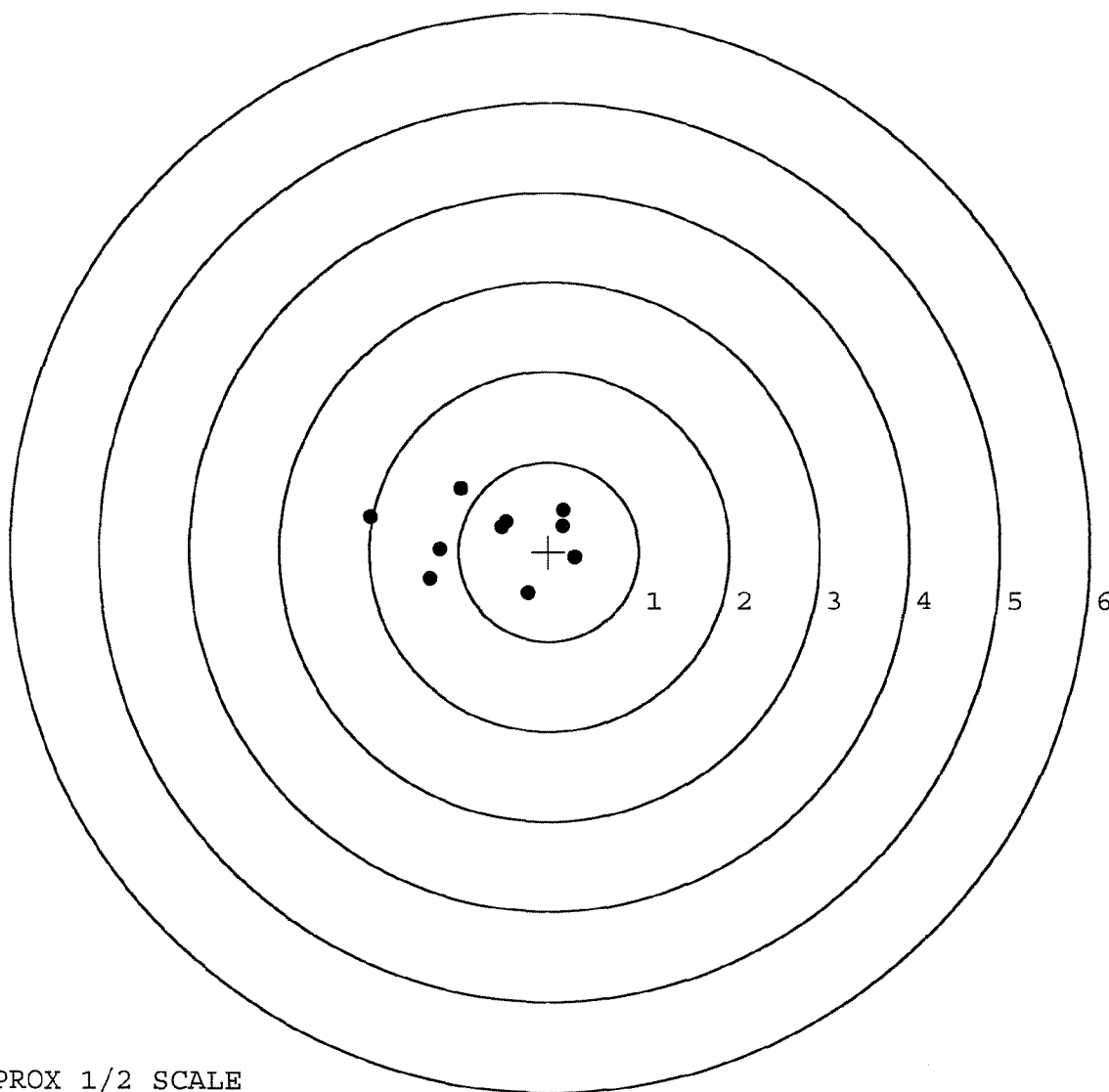
MAX RADIUS: 1.397

MEAN RADIUS: 0.715

IN 1 IN DIAMETER: 2

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	66083		
SERIAL NUMBER	C6611503 G6300611		
LOG-IN DATE	6-2-03		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	6-4-03	RTL
560 A	RE-BARREL	6-5-03	RTL
B	DRILL AND TAP	6-5-03	TRW
575	ASSEMBLE	6-5-03	RTL
600	PROOF	6-5-03	AC
605	CHECK HEADSPACE	6-5-03	AC
610	DIS-ASSEMBLE GUN	6-5-03	RTL
612	MAGNAFLUX		
615	ROLLMARK CALIBER	6-17-03	AB
618	ROTO-BLAST	6-17-03	JB
620	APPLY COATINGS	6-19-03	TA
625 A	FINAL ASSEMBLY	6-23-03	RTL
B	TRIGGER PULL TEST	6-26-03	TRW
C	SAFETY "ON" FORCE	6-26-03	DA
D	SAFETY "OFF" FORCE	6-26-03	DA
E	FIRING PIN INDENT	6-26-03	DA
640	TARGET	6-24-03	K
655	FINAL INSPECT	6-26-03	RTL
660	PACK	6-26-03	DA
		SHIP DATE	
QAR INSPECTION DATE			