

G 629 6851
Rep 142
C-622 55-45

Repair Inquiry

Repair Number: **RE00068940**Serial: C6225545 Model 700 Center Fire Caliber: 7
62 NATO M24 SWS

Repairman:

Verify Repair

Status:

Closed 8/20/2003 8:01:10 AM

Address Information

Customer:

☒ Received From

Return To:

☐ Received FromName: **DEPT OF THE ARMY****DEPT OF THE ARMY**Address 1: **POB 3 75TH RANGER****POB 3 75TH RANGER**Address 2: **82 AIRB DIV RD BLDG 2459**

PO Box:

82 AIRB DIV RD BLDG 2459

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: **706 545 3545***

Fax:

Email:

Comments: ***Michael Friend**

Received Condition

FairCondition
Notes:CSR
Notes:

Accessories Received

Code	Desc	Qty
A007	With Studs	3
A010	Hard Case	1
A016	Scope Mounts	2
A017	Scope Base	1
A026	Scope	1

Repair Search

Refresh

Close

naglelj

8/20/2003

8:59 AM

CAPS

NUM

INS

SCRL

start

Microsoft C...

Part Search by...

Arms Services...

Scorecard Daily

2 Internet Ex...

8:59 AM

Serial
Number:**C6225545**Model: **- 700****RE00068940**

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6296851.___0

FILE DATE AND TIME: 09/15/2003 09:53

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.031
The Average Y Centroid of the Five Target Set:	-0.055
The Average Point of Impact of the Five Target Set:	0.063
The Average Mean Radius of the Five Target Set:	0.778
The Distance from POA to Centroid Target #1:	0.275
The Distance from Centroid Target #2 to Centroid Target #1:	0.326
The Distance from Centroid Target #3 to Centroid Target #1:	0.288
The Distance from Centroid Target #4 to Centroid Target #1:	0.241
The Distance from Centroid Target #5 to Centroid Target #1:	0.403

SERIAL NUMBER: G6296851. __0

TARGET NUMBER: 1

FILE DATE: 09/15/2003

FILE TIME: 09:53

POINT#	X	Y
1:	-1.107	-1.452
2:	-0.426	-1.356
3:	0.076	-0.949
4:	0.257	-0.609
5:	0.688	0.190
6:	1.613	0.079
7:	0.100	0.963
8:	-0.260	0.181
9:	-0.448	-0.006
10:	-0.791	0.222

X CENTROID: -0.030

Y CENTROID: -0.274

POA TO CENTROID: 0.275

HORZ SPREAD: 2.720

VERT SPREAD: 2.415

GROUP SPREAD: 3.121

MIN RADIUS: 0.441

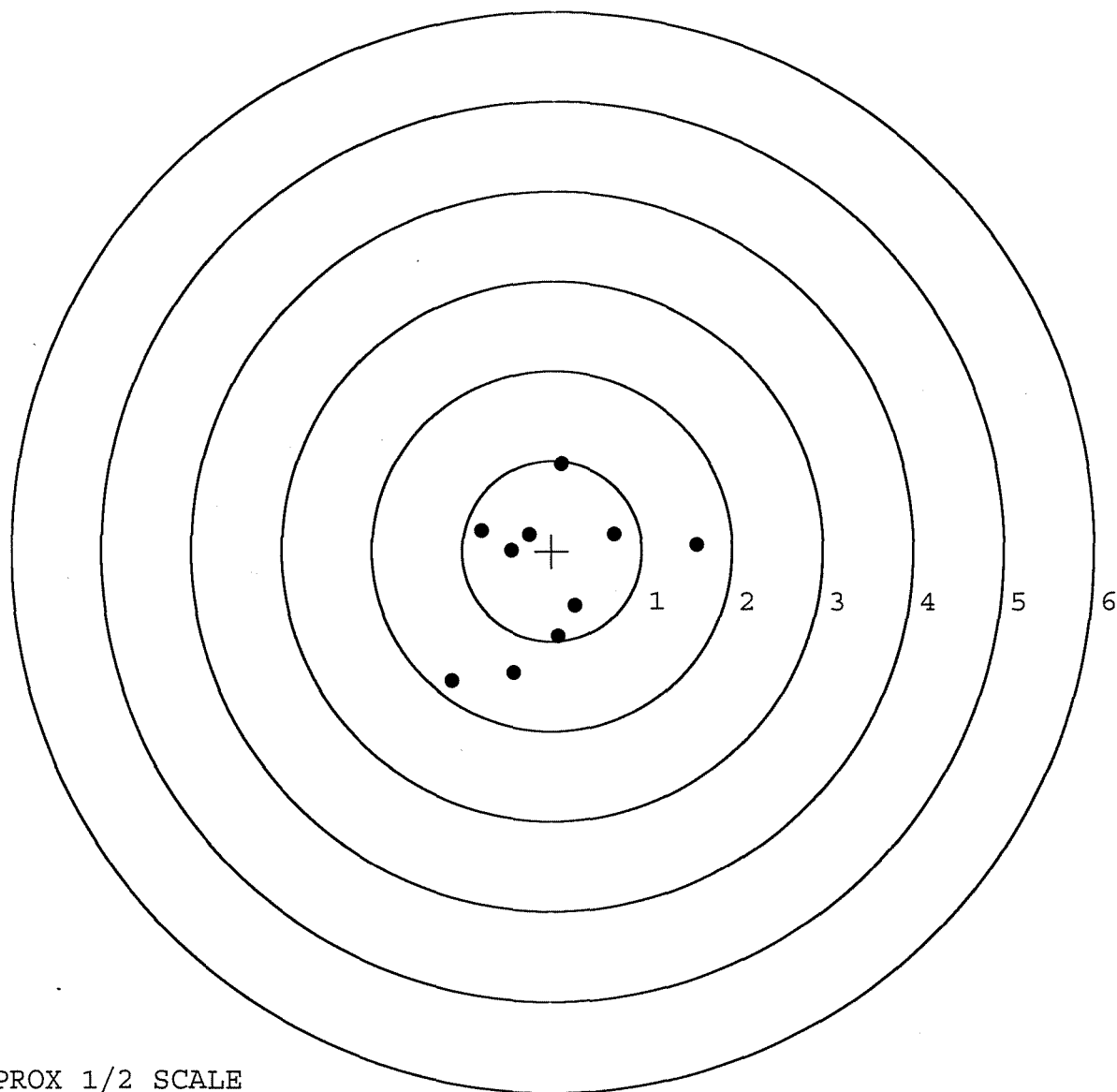
MAX RADIUS: 1.680

MEAN RADIUS: 0.957

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 6

in 3 IN DIAMETER: 8



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6296851. __0

TARGET NUMBER: 2

FILE DATE: 09/15/2003

FILE TIME: 09:53

POINT#	X	Y
1:	0.278	-1.165
2:	0.460	-0.366
3:	-0.205	-0.431
4:	-0.256	-0.640
5:	-0.531	0.028
6:	0.191	0.287
7:	0.347	0.761
8:	0.037	0.885
9:	-0.201	0.652
10:	0.067	0.475

X CENTROID: 0.019

Y CENTROID: 0.049

POA TO CENTROID: 0.052

HORZ SPREAD: 0.991

VERT SPREAD: 2.050

GROUP SPREAD: 2.064

MIN RADIUS: 0.294

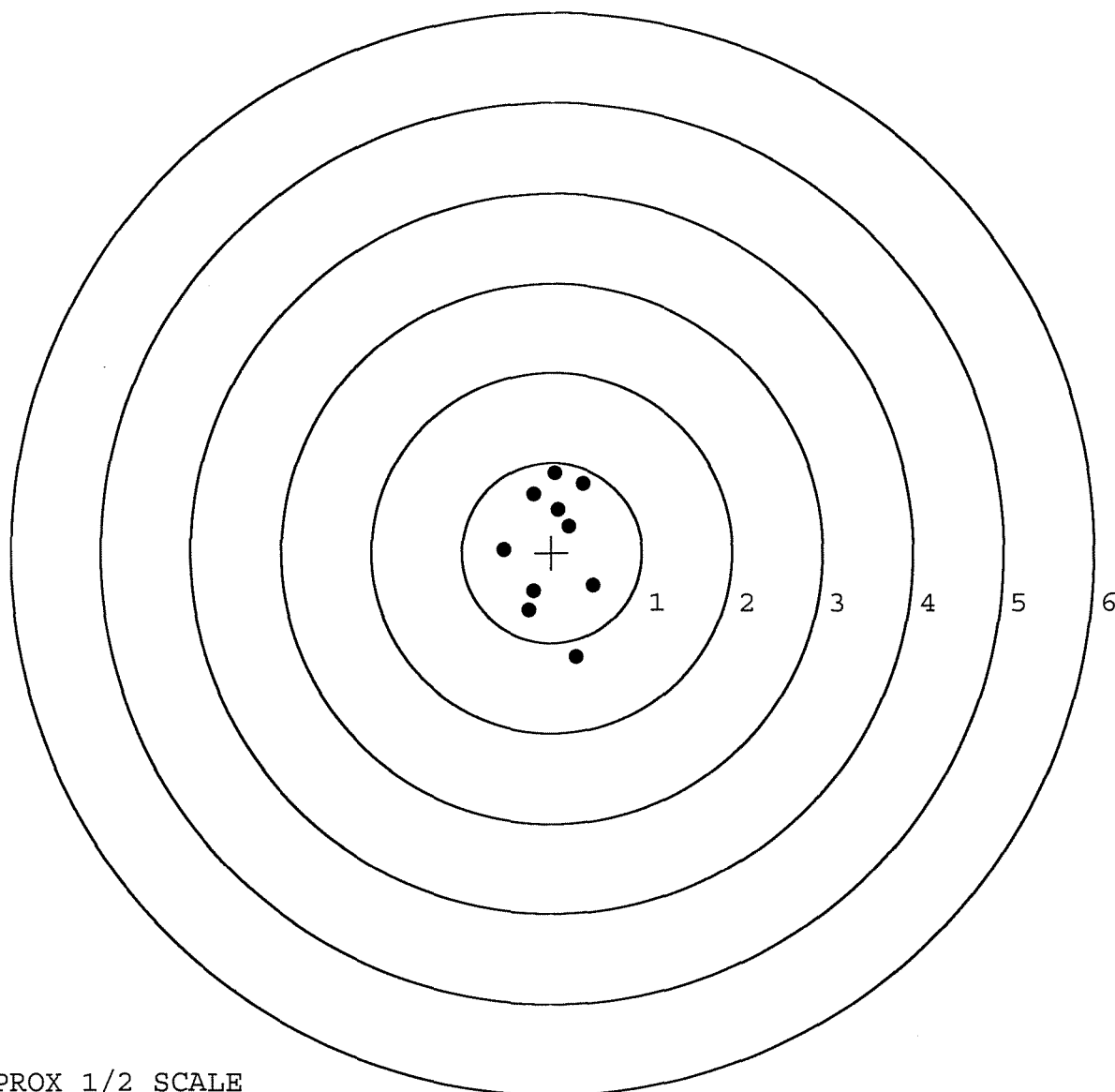
MAX RADIUS: 1.241

MEAN RADIUS: 0.665

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6296851. __ 0

TARGET NUMBER: 3

FILE DATE: 09/15/2003

FILE TIME: 09:53

POINT#	X	Y
1:	0.308	-0.850
2:	-0.138	-0.872
3:	-0.799	-0.760
4:	0.296	-0.120
5:	0.610	0.176
6:	-0.180	0.754
7:	-0.475	1.247
8:	-0.079	0.064
9:	-0.349	0.064
10:	-0.498	0.262

X CENTROID: -0.130

Y CENTROID: -0.004

POA TO CENTROID: 0.130

HORZ SPREAD: 1.409

VERT SPREAD: 2.119

GROUP SPREAD: 2.238

MIN RADIUS: 0.085

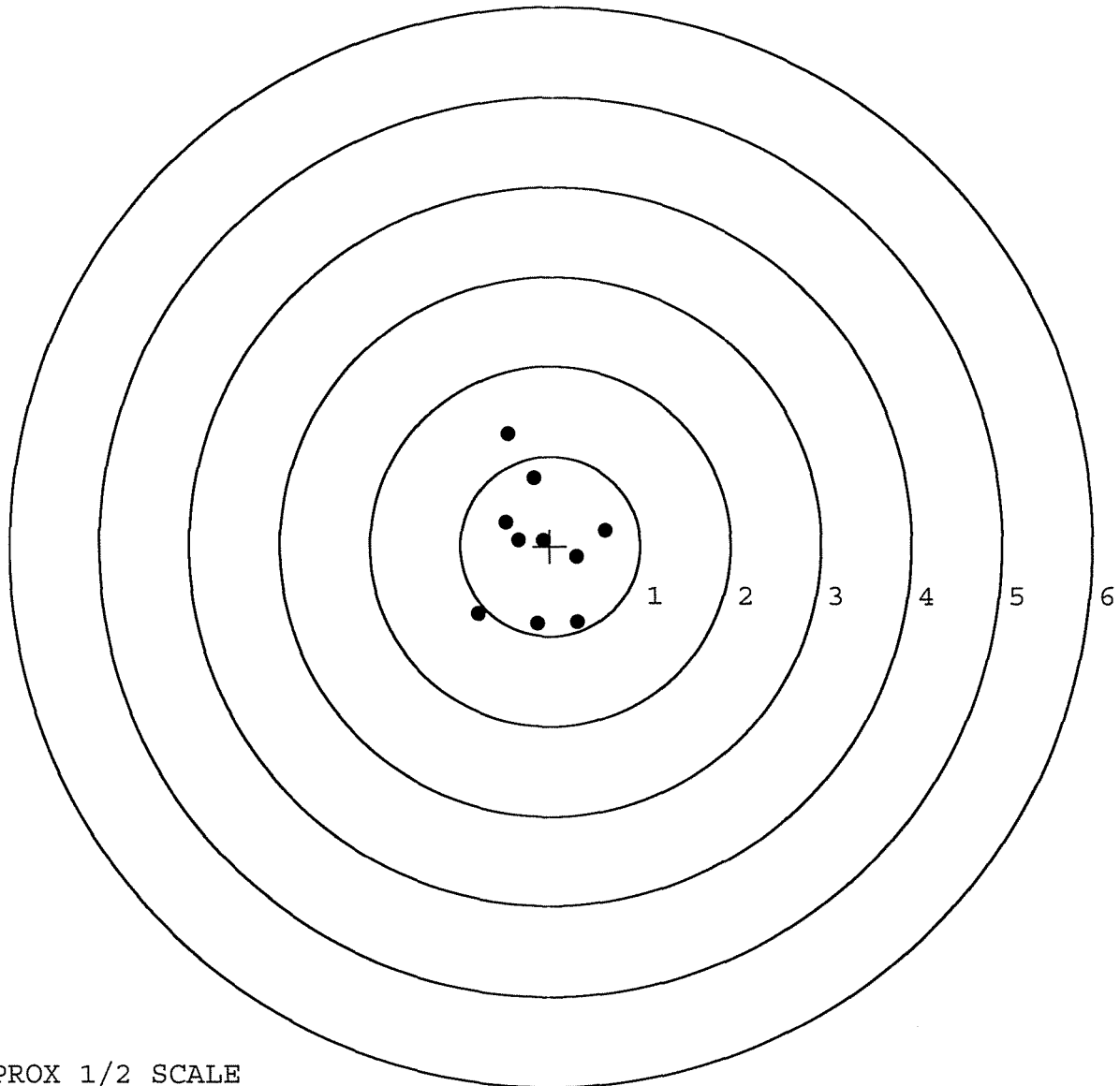
MAX RADIUS: 1.297

MEAN RADIUS: 0.686

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10

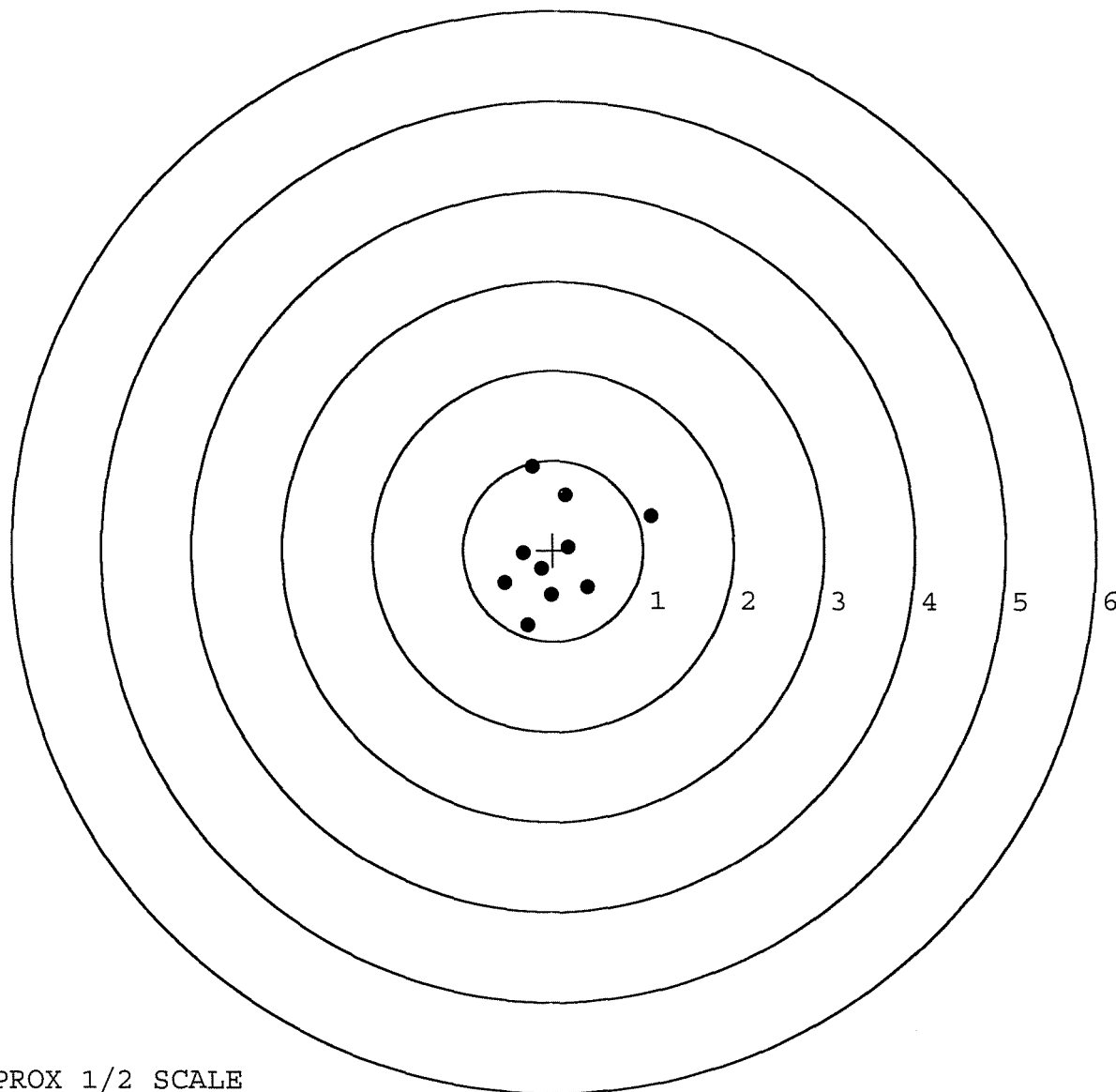


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6296851. 0
TARGET NUMBER: 4
FILE DATE: 09/15/2003
FILE TIME: 09:53

POINT#	X	Y
1:	1.081	0.385
2:	0.136	0.615
3:	-0.239	0.933
4:	0.391	-0.413
5:	-0.015	-0.496
6:	-0.132	-0.212
7:	0.167	0.029
8:	-0.537	-0.367
9:	-0.274	-0.833
10:	-0.328	-0.036

X CENTROID: 0.025
Y CENTROID: -0.039
POA TO CENTROID: 0.047
HORZ SPREAD: 1.618
VERT SPREAD: 1.766
GROUP SPREAD: 1.822
MIN RADIUS: 0.158
MAX RADIUS: 1.138
MEAN RADIUS: 0.603
IN 1 IN DIAMETER: 4
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 10

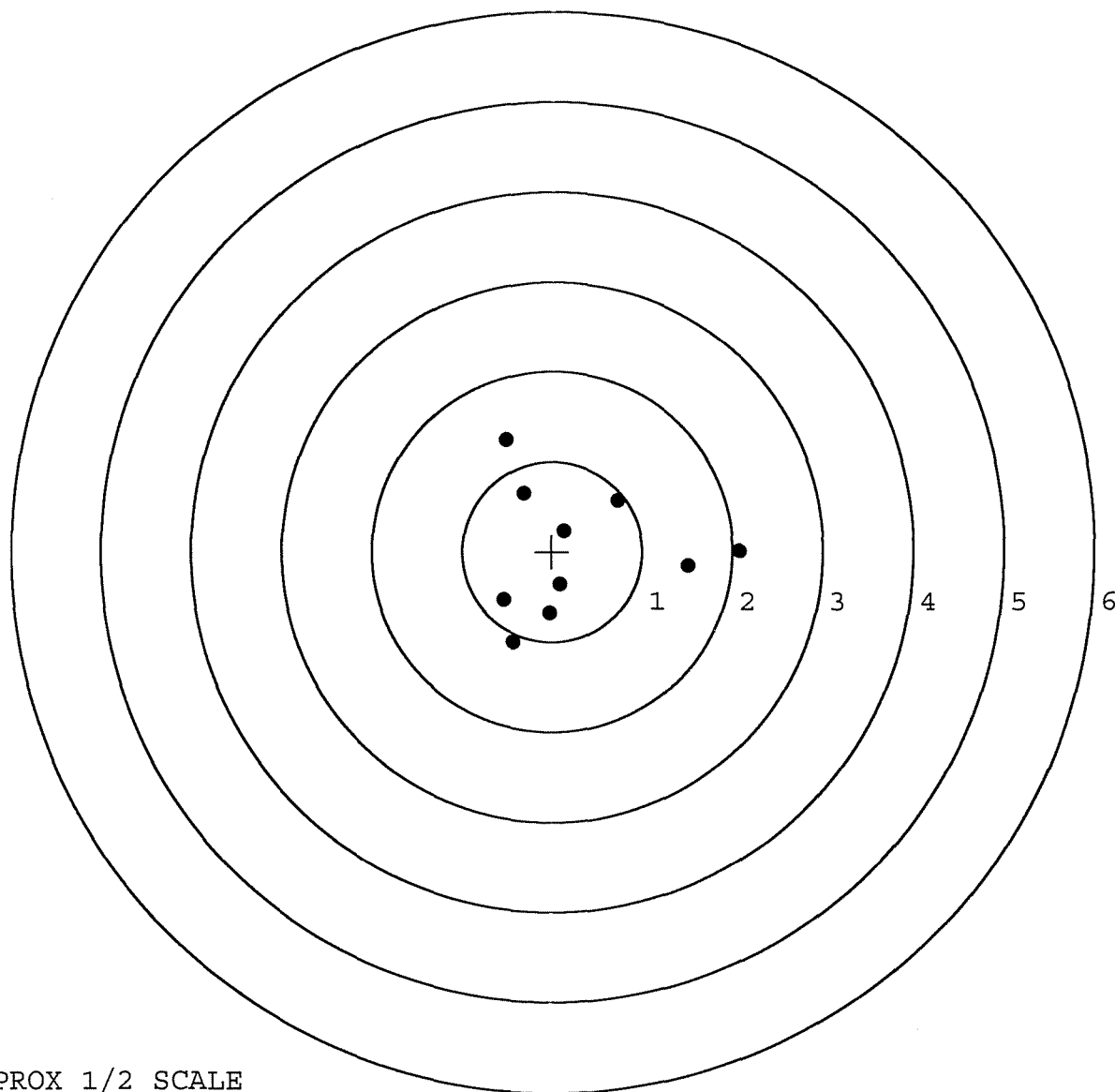


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6296851.____0
TARGET NUMBER: 5
FILE DATE: 09/15/2003
FILE TIME: 09:53

POINT#	X	Y
1:	2.079	0.013
2:	1.513	-0.159
3:	0.729	0.571
4:	-0.428	-1.011
5:	-0.535	-0.543
6:	-0.024	-0.689
7:	0.087	-0.367
8:	0.133	0.232
9:	-0.320	0.648
10:	-0.516	1.234

X CENTROID: 0.272
Y CENTROID: -0.007
POA TO CENTROID: 0.272
HORZ SPREAD: 2.614
VERT SPREAD: 2.245
GROUP SPREAD: 2.868
MIN RADIUS: 0.276
MAX RADIUS: 1.807
MEAN RADIUS: 0.976
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 6
in 3 IN DIAMETER: 9



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)

SERIAL NO.

DATE 8-22-03

TESTER TRW

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS		COMMENTS
PULL #1	2.20	2.49		2.81	
PULL #2	2.30	2.46		2.78	
PULL #3	2.81	2.39		2.67	
PULL #4	2.50	2.72		2.57	
PULL #5	2.54	2.60		2.66	
TOTAL	12.35	12.66		13.49	
AVERAGE	2.47	2.53		2.69	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	3.18	3.40		
PULL #2	3.14	3.27		
PULL #3	3.31	3.34		
PULL #4	3.14	3.47		
PULL #5	3.07	3.25		
TOTAL	15.84	16.73		
AVERAGE	3.16	3.34		

	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	4.38	4.28		4.18
PULL #2	4.39	4.33		4.35
PULL #3	4.34	4.29		4.04
PULL #4	4.32	4.30		4.10
PULL #5	4.21	4.44		4.20
TOTAL	21.64	21.64		20.87
AVERAGE	4.32	4.32		4.17

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

SERIAL # G6296851

INSPECTED BY: RTL

DATE REC'D: 8-20-03

DATE RET'D: 9-17-03

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	68948		
SERIAL NUMBER	C6225545 C6296851 new		
LOG-IN DATE	8-20-03		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	8-22-03	RTL
560 A	RE-BARREL	8-22-03	RTL
B	DRILL AND TAP	8-26-03	TRW
575	ASSEMBLE	8-25-03	RTL
600	PROOF	8-25-03	AC
605	CHECK HEADSPACE	8-25-03	AC
610	DIS-ASSEMBLE GUN	8-26-03	RTL
612	MAGNAFLUX OPERATOR <i>RL</i>		
615	ROLLMARK CALIBER	8-28-03	JB
618	ROTO-BLAST	8-29-03	JB
620	APPLY COATINGS	9-12	TA
625 A	FINAL ASSEMBLY	9-15-03	RTL
B	TRIGGER PULL TEST	9-17-03	RA
C	SAFETY "ON" FORCE	9-17-03	RA
D	SAFETY "OFF" FORCE	9-17-03	RA
E	FIRING PIN INDENT	9-17-03	RA
640	TARGET	9-15-03	TRW
655	FINAL INSPECT	9-17-03	RTL
660	PACK	9-17-03	RA
		SHIP DATE	
	QAR INSPECTION DATE		