GC300 545

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: RE00098497

Verify Repair

Serial: G63300545 Model: M24 SWS Center Fire Caliber: 7.62 NATO Produced: 11/12/2003

Repairman:

Status: Closed 7/6/2005 7:53:27 AM

Address Information

Customer (Received From)		Return To: (Received From)	
Name:	60 AERIAL PORT SQD TRTCD		60 AERIAL PORT SQD TRTCD
Address 1:	BLDG 977		BLDG 977
Address 2:	90 RAGSDALE ST PO Box:		90 RAGSDALE ST PO Box:
City:	TRAVIS AFB		TRAVIS AFB
State:	CA Zip Code: 94535 Country: US	State:	CA Zip Code: 94535 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
A010	Hard Case	1
A057	Frt and Rear Sgt Base	2

Repair Search | Refresh | Close

inaglet | 7/6/2005 | 8:46 AM | CAPS | NUM | INS | SCRL

start

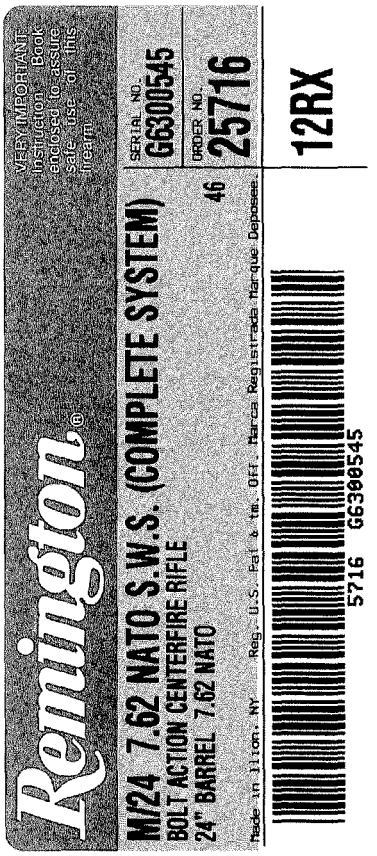
Serial Number: G63300545

Model: M24 SWS

RE00098497

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

R & E NUMBER	98497		
SERIAL NUMBER	G63005345		
LOG-IN DATE	7-6-05		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	7-11-05	RTL
560 A	RE-BARREL		
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	7-18-05	~~RTL~~ HH
625 A	FINAL ASSEMBLY		
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE	8-25-05	AC
D	SAFETY "OFF" FORCE	8-25-05	AC
E	FIRING PIN INDENT	8-25-05	AC
640	TARGET		
655	FINAL INSPECT	8-25-05	AC
660	PACK	8-25-05	DA
		SHIP DATE	
	QAR INSPECTION DATE		



ORDER 25716

M/24 7.62 NATO S.W.S. (COMPLETE SYST

UPC

ORDER 25716

M/24 7.62 NATO S.W.S. (COMPLETE SYST

UPC

SERIAL NO.

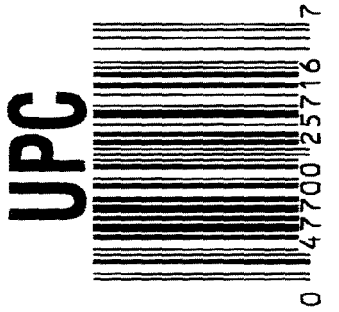
M/24 7.62 NATO S.W.S. (COMPLETE SYSTEM)
BOLT ACTION CENTERFIRE RIFLE
24" BARREL 7.62 NATO

– INSTUCTION BOOK 3518

46 FORM

ORDER NO.	25716
BARREL LENGTH	24"
CAPACITY	6

G6300545



M-24

INSPECTION CHECKLIST-NEW GUNS

GUN SERIAL # G63005545

OP #	OPERATION NAME	READINGS	DATE	INITIAL
575 & 580	ASSEMBLE ACTION AND STOCK		5/20/03	RTL
600	PROOF		5-21-03	AC
607	CHECK HEADSPACE	MAGNA-FLUX INSPECTED MAY 22 2003	5/22/03	RTL
610	DIS-ASSEMBLE GUN		5/22/03	RTL
612	MAGNAFLUX BBL ACTION MAGNAFLUX BOLT	OPERATOR RL		
615	ROLLMARK CALIBER		6-2-03	KB
617	DRILL AND TAP SIGHT HOLES		5-28-03	TRW
620	APPLY COATINGS (BARREL ACTION)		6-13	TA
	(BOLT)		6-13	TA
625	FINAL ASSEMBLY A) CLEAN INSIDE OF BOLT ASSEMBLY		7/8/03	RDA
	B) INSPECT REAR FIRING PIN HOLE FOR CHAMFER IN BOLT HEAD		7/8/03	RDA
	C) INSPECT EJECTOR HOLE FOR CHAMFER		7/8/03	RDA
	D) OIL FIRING PIN ASSEMBLY		7/8/03	RDA
	E) ADJUST TRIGGER PULL TO MIN. SETTING AND STAKE 2.50 LBS +/- .5 LBS			

OP #	OPERATION NAME BARBER M24 0161874		READINGS			DATE	INITIAL
625	F) SAFETY ON FORCE	2 LBS MIN 10 LBS MAX	4.5	5.2	4.5	8/4/03	DA
CONT.	G) SAFETY OFF FORCE	2 LBS MIN	2.0	2.0	2.0	8/4/03	DA
	H) TRIGGER PULL TEST AND RETAINABILITY						
	I) FIRING PIN INDENT	.020 MIN	.022	.022	.023	8/4/03	DA
	J) ASSEMBLE STOCK					7/31/03	RW
	K) ASSEMBLE SWIVEL STUDS					11/10/03	RW
	L) ATTACH FRONT AND REAR SIGHT ASSY'S					7/31/03	RW
	M) IRON SIGHT ALIGNMENT					7/31/03	RW
	N) DETACH FRONT AND REAR SIGHTS AND PLACE IN NUMBERED CONTAINER					7/31/03	RW
640	GALLERY TEST AND TARGET		PASS	FAIL		8-1-03	AC
	MALFUNCTION		CORRECTION			8-1-03	AC
	MALFUNCTION		CORRECTION			8-1-03	AC
	MALFUNCTION		CORRECTION			8-1-03	AC
	MALFUNCTION		CORRECTION			8-1-03	AC
645	INSPECT FOR LIVE AMMO					8-1-03	AC
655	FINAL INSPECTION A) HEADSPACE					11/10/03	RW
	B) TRIGGER PULL	+/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	2.70	2.65	2.67 2.59 2.78	8/6/03	DA
	C) FUNCTION					11/10/03	RW
660	PACK					11/11/03	DA

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 7-31-03

TESTER TRW

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS		COMMENTS
PULL #1	2.29	2.71		2.62	
PULL #2	2.69	2.39		2.50	
PULL #3	2.46	2.48		2.56	
PULL #4	2.47	2.54		2.53	
PULL #5	2.57	2.48		2.52	
TOTAL	12.50	12.60		12.73	
AVERAGE	2.50	2.52		2.54	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	3.15	3.10		
PULL #2	3.13	3.27		
PULL #3	3.25	3.09		
PULL #4	3.15	2.99		
PULL #5	3.40	3.01		
TOTAL	16.08	15.46		
AVERAGE	3.21	3.09		

	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	4.17	4.33		4.05
PULL #2	4.02	4.03		4.02
PULL #3	4.08	4.15		3.97
PULL #4	4.02	4.24		4.24
PULL #5	4.21	4.21		4.00
TOTAL	20.50	20.96		20.28
AVERAGE	4.10	4.19		4.05

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFOMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6300545.__0
FILE DATE AND TIME: 08/01/2003 06:46

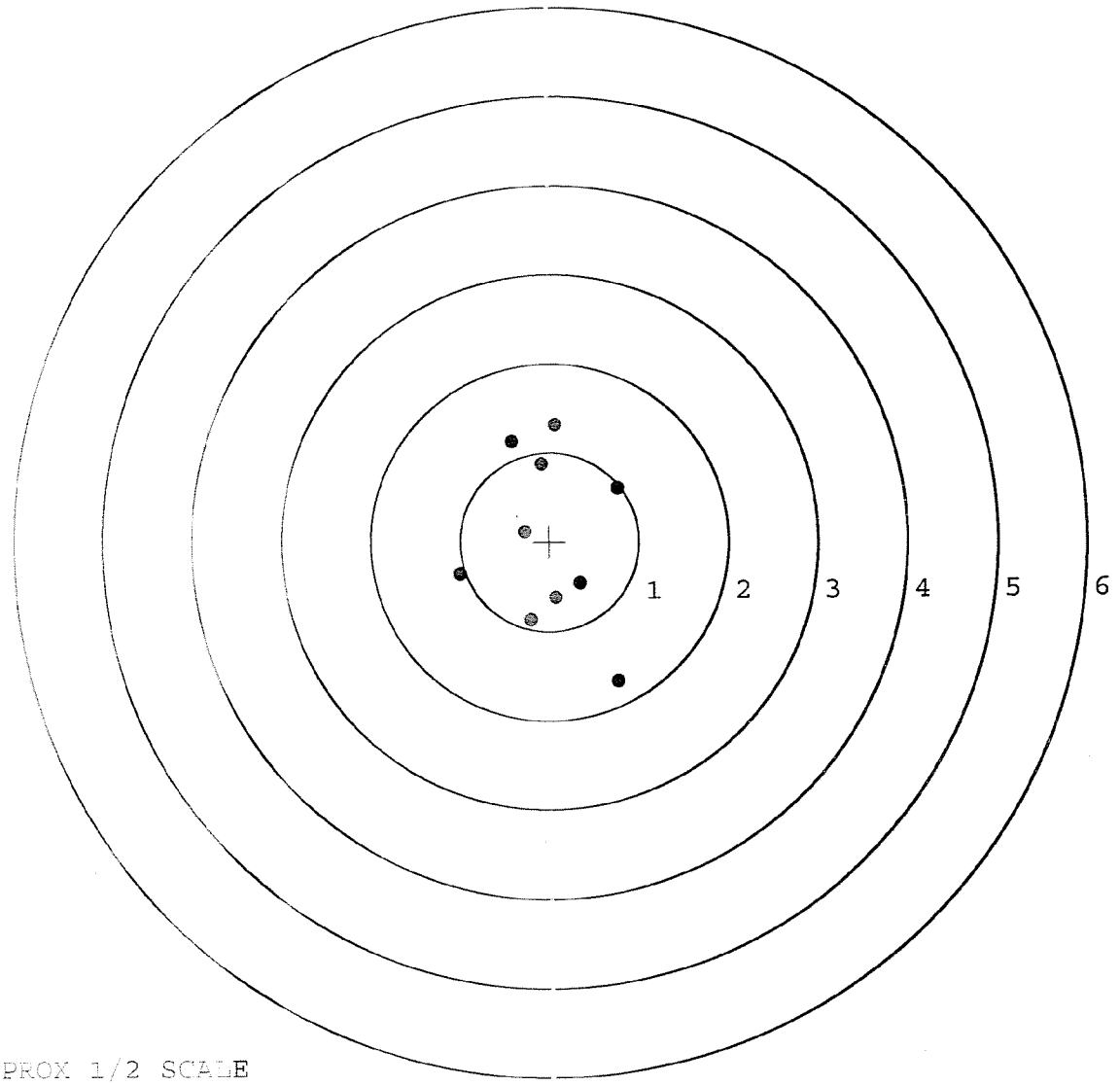
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.075
The Average Y Centroid of the Five Target Set:	0.033
The Average Point of Impact of the Five Target Set:	0.082
The Average Mean Radius of the Five Target Set:	0.791
The Distance from POA to Centroid Target #1:	0.011
The Distance from Centroid Target #2 to Centroid Target #1:	0.209
The Distance from Centroid Target #3 to Centroid Target #1:	0.079
The Distance from Centroid Target #4 to Centroid Target #1:	0.173
The Distance from Centroid Target #5 to Centroid Target #1:	0.139

SERIAL NUMBER: G6300545.__0
TARGET NUMBER: 1
FILE DATE: 08/01/2003
FILE TIME: 06:46

X CENTROID:	0.000
Y CENTROID:	0.011
POA TO CENTROID:	0.011
HORZ SPREAD:	1.764
VERT SPREAD:	2.875
GROUP SPREAD:	2.957
MIN RADIUS:	0.292
MAX RADIUS:	1.751
MEAN RADIUS:	0.957
# IN 1 IN DIAMETER:	1
# IN 2 IN DIAMETER:	6
# in 3 IN DIAMETER:	9

POINT#	X	Y
1:	0.761	-1.566
2:	0.344	-0.468
3:	0.071	-0.629
4:	-0.217	-0.875
5:	-1.003	-0.361
6:	-0.275	0.110
7:	0.761	0.598
8:	-0.092	0.870
9:	0.070	1.309
10:	-0.419	1.125

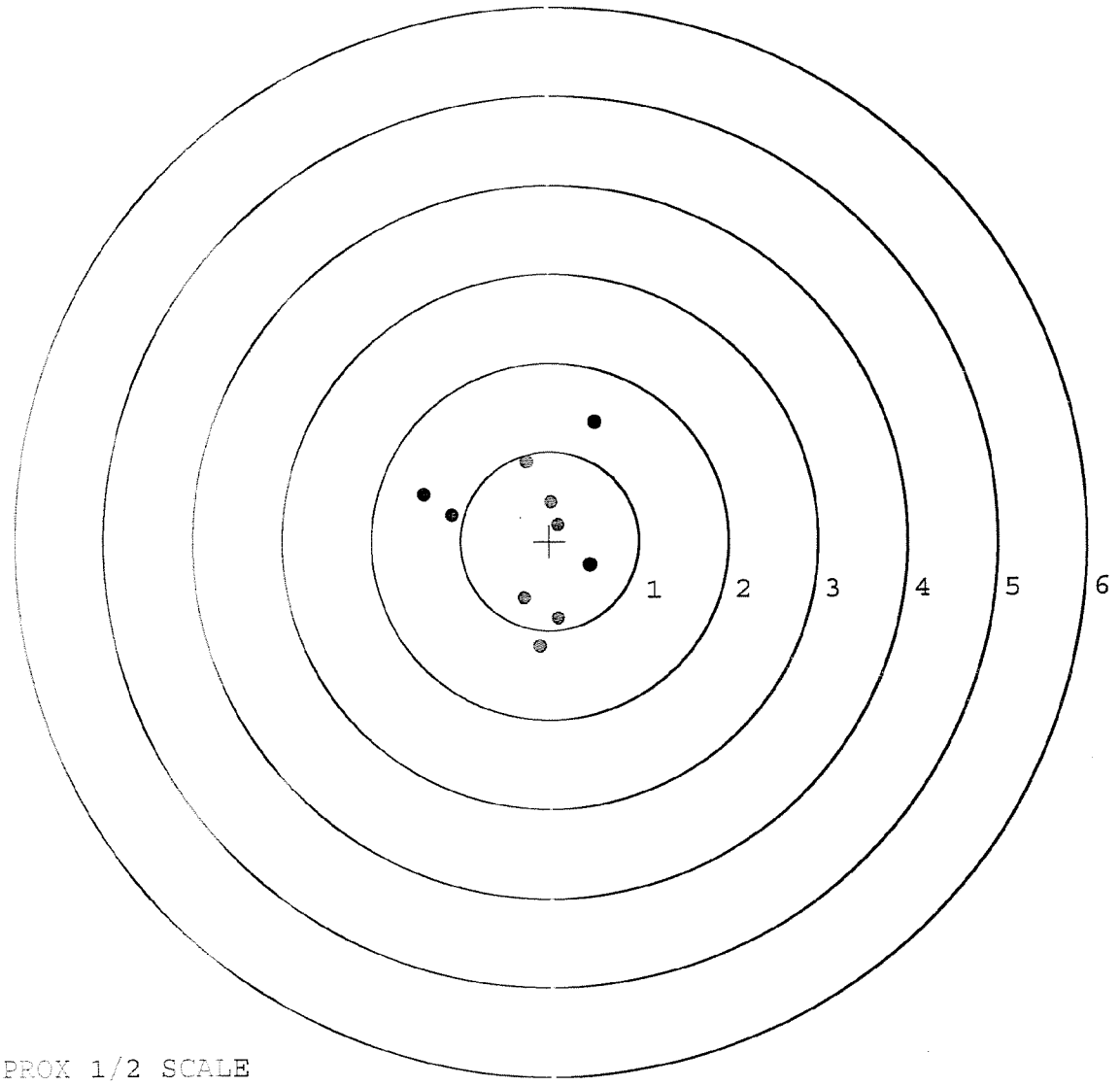


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6300545.__0
TARGET NUMBER: 2
FILE DATE: 08/01/2003
FILE TIME: 06:46

X CENTROID:	-0.200
Y CENTROID:	0.069
POA TO CENTROID:	0.212
HORZ SPREAD:	1.917
VERT SPREAD:	2.513
GROUP SPREAD:	2.589
MIN RADIUS:	0.318
MAX RADIUS:	1.444
MEAN RADIUS:	0.890
# IN 1 IN DIAMETER:	2
# IN 2 IN DIAMETER:	7
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	0.508	1.328
2:	-0.254	0.880
3:	-1.409	0.529
4:	-1.097	0.295
5:	0.017	0.437
6:	0.097	0.183
7:	0.447	-0.267
8:	0.094	-0.867
9:	-0.114	-1.185
10:	-0.293	-0.641

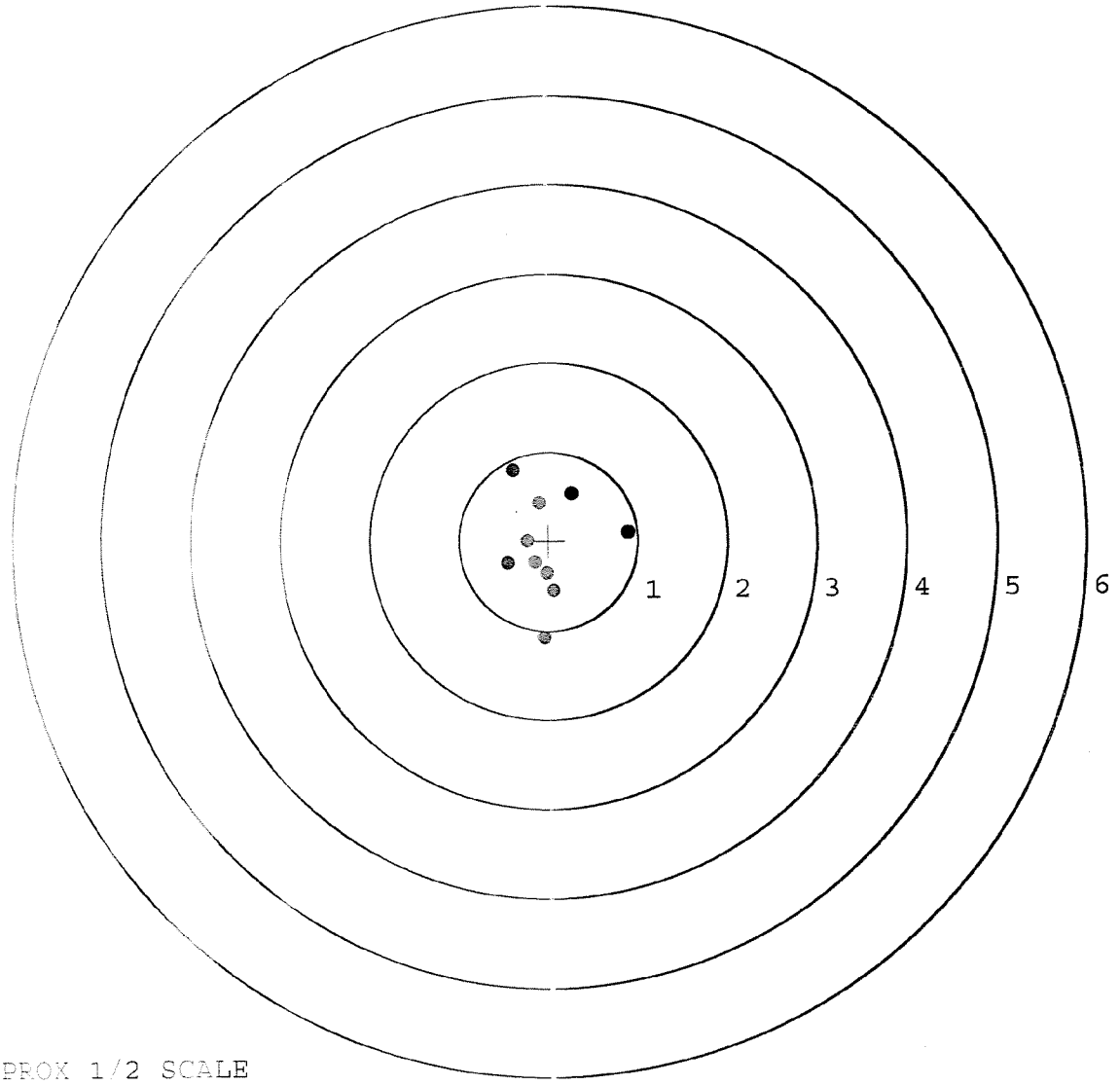


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6300545.__0
TARGET NUMBER: 3
FILE DATE: 08/01/2003
FILE TIME: 06:46

X CENTROID:	-0.021
Y CENTROID:	-0.065
POA TO CENTROID:	0.068
HORZ SPREAD:	1.351
VERT SPREAD:	1.883
GROUP SPREAD:	1.912
MIN RADIUS:	0.221
MAX RADIUS:	1.020
MEAN RADIUS:	0.577
# IN 1 IN DIAMETER:	5
# IN 2 IN DIAMETER:	9
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	0.893	0.089
2:	0.262	0.533
3:	-0.390	0.799
4:	-0.102	0.430
5:	-0.240	-0.003
6:	-0.458	-0.253
7:	-0.154	-0.242
8:	0.059	-0.557
9:	-0.056	-1.084
10:	-0.026	-0.360

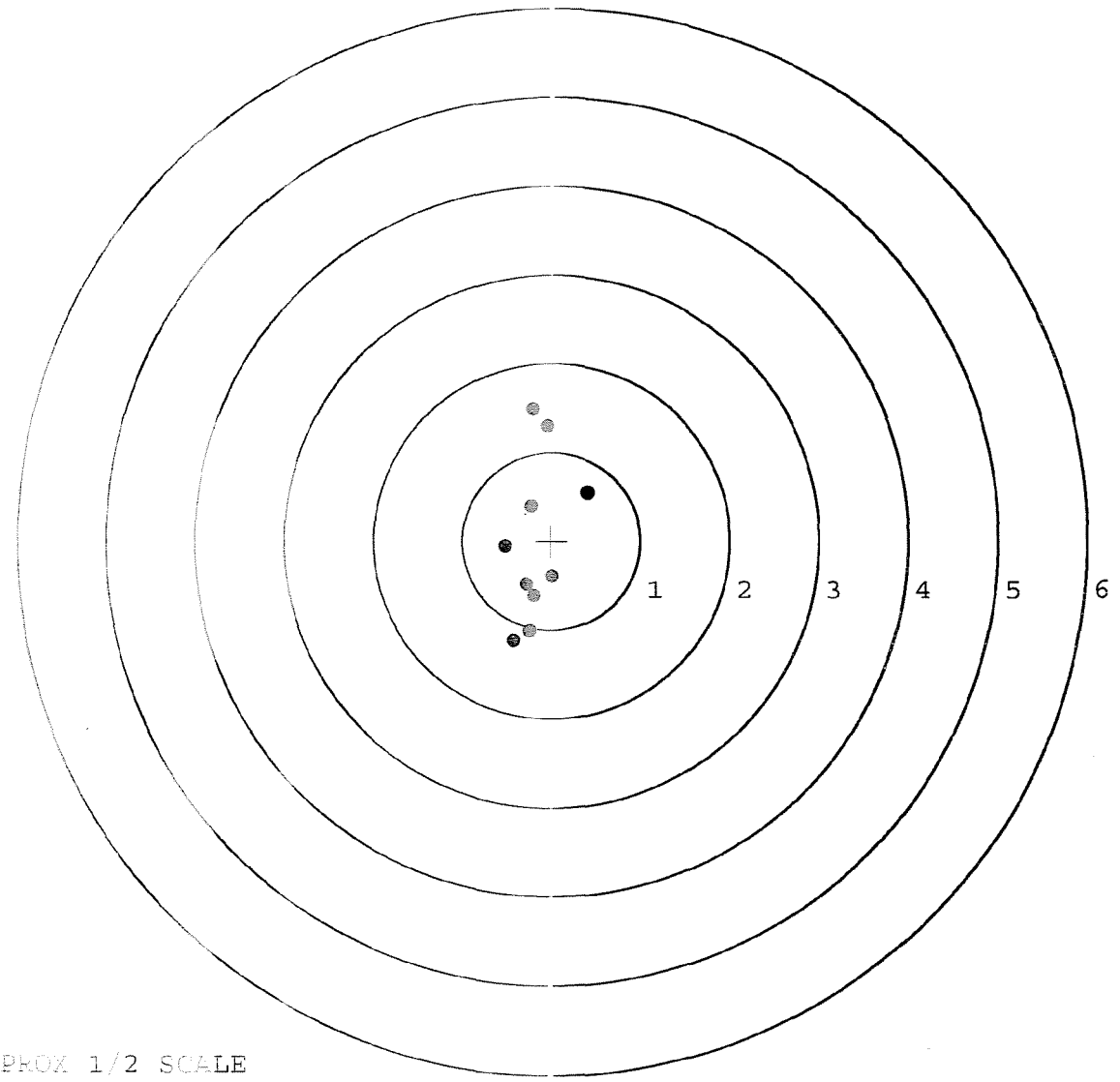


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6300545.__0
TARGET NUMBER: 4
FILE DATE: 08/01/2003
FILE TIME: 06:46

X CENTROID:	-0.172
Y CENTROID:	0.000
POA TO CENTROID:	0.172
HORZ SPREAD:	0.926
VERT SPREAD:	2.605
GROUP SPREAD:	2.613
MIN RADIUS:	0.349
MAX RADIUS:	1.483
MEAN RADIUS:	0.807
# IN 1 IN DIAMETER:	3
# IN 2 IN DIAMETER:	6
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	-0.211	1.483
2:	-0.044	1.291
3:	0.409	0.547
4:	-0.232	0.395
5:	-0.517	-0.054
6:	0.013	-0.406
7:	-0.281	-0.493
8:	-0.420	-1.122
9:	-0.245	-1.014
10:	-0.195	-0.626

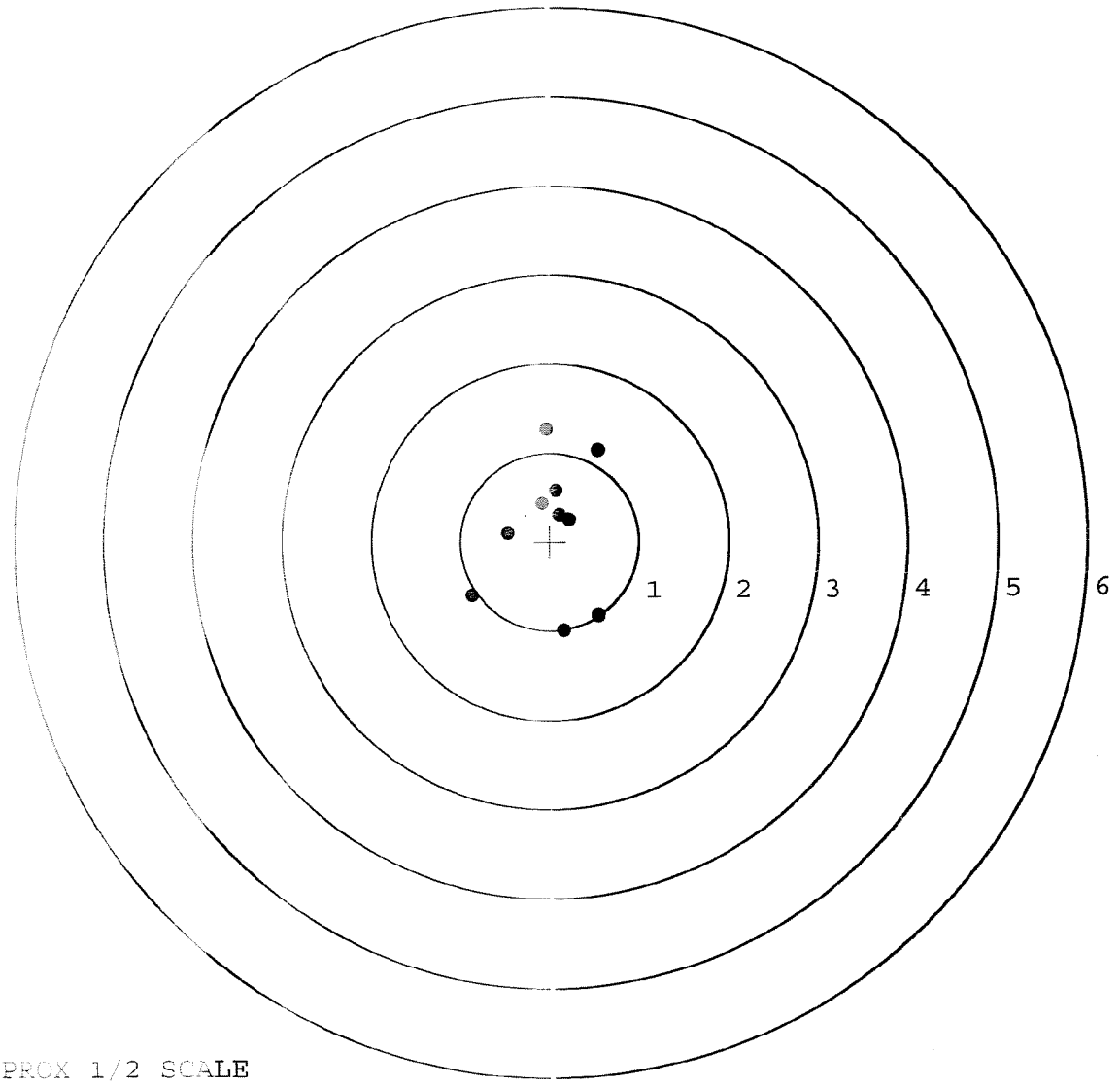


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6300545.__0
TARGET NUMBER: 5
FILE DATE: 08/01/2008
FILE TIME: 06:46

X CENTROID:	0.017
Y CENTROID:	0.150
POA TO CENTROID:	0.151
HORZ SPREAD:	1.422
VERT SPREAD:	2.266
GROUP SPREAD:	2.171
MIN RADIUS:	0.176
MAX RADIUS:	1.173
MEAN RADIUS:	0.721
# IN 1 IN DIAMETER:	5
# IN 2 IN DIAMETER:	5
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	0.544	1.032
2:	-0.034	1.262
3:	0.543	-0.834
4:	0.157	-1.004
5:	-0.469	0.097
6:	-0.878	-0.609
7:	0.219	0.247
8:	0.109	0.300
9:	0.069	0.574
10:	-0.087	0.431



TARGET APPROX 1/2 SCALE