

6285919

Repair Inquiry

Repair Number: RE00111038

Serial: G6285919 Model M24 SWS Center Fire
Caliber: 7.62 NATO

Repairman:

Verify Repair

High Priority

Status:

Closed 4/12/2006 1:37:41 PM

Address Information

Customer:

Received From

Return To:

Received From

Name: 60 AERIAL PORT SQD, TRTCD

60 AERIAL PORT SQD, TRTCD

Address 1: TRAFFIC MANAGEMENT OFFICE

TRAFFIC MANAGEMENT OFFICE

Address 2: BLDG 977 90 RAGSDALE ST

PO Box:

BLDG 977 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
A007	With Stud	3
A008	With Swivel	2
A010	Hard Case	1
A017	Scope Base	1
A057	Frt and Rear Sgt Base	1

Repair Search

Refresh

Close

nagletj

4/12/2006

1:51 PM

CAPS

NUM

INS

SCRL

start

5 M.

Ar...

3 I.

2 M.

Pet...

Par...

SA...

1:51 PM

Serial Number: G6285919

Model: M24 SWS



RE00111038

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6285919.__1
FILE DATE AND TIME: 05/22/2006 16:15

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

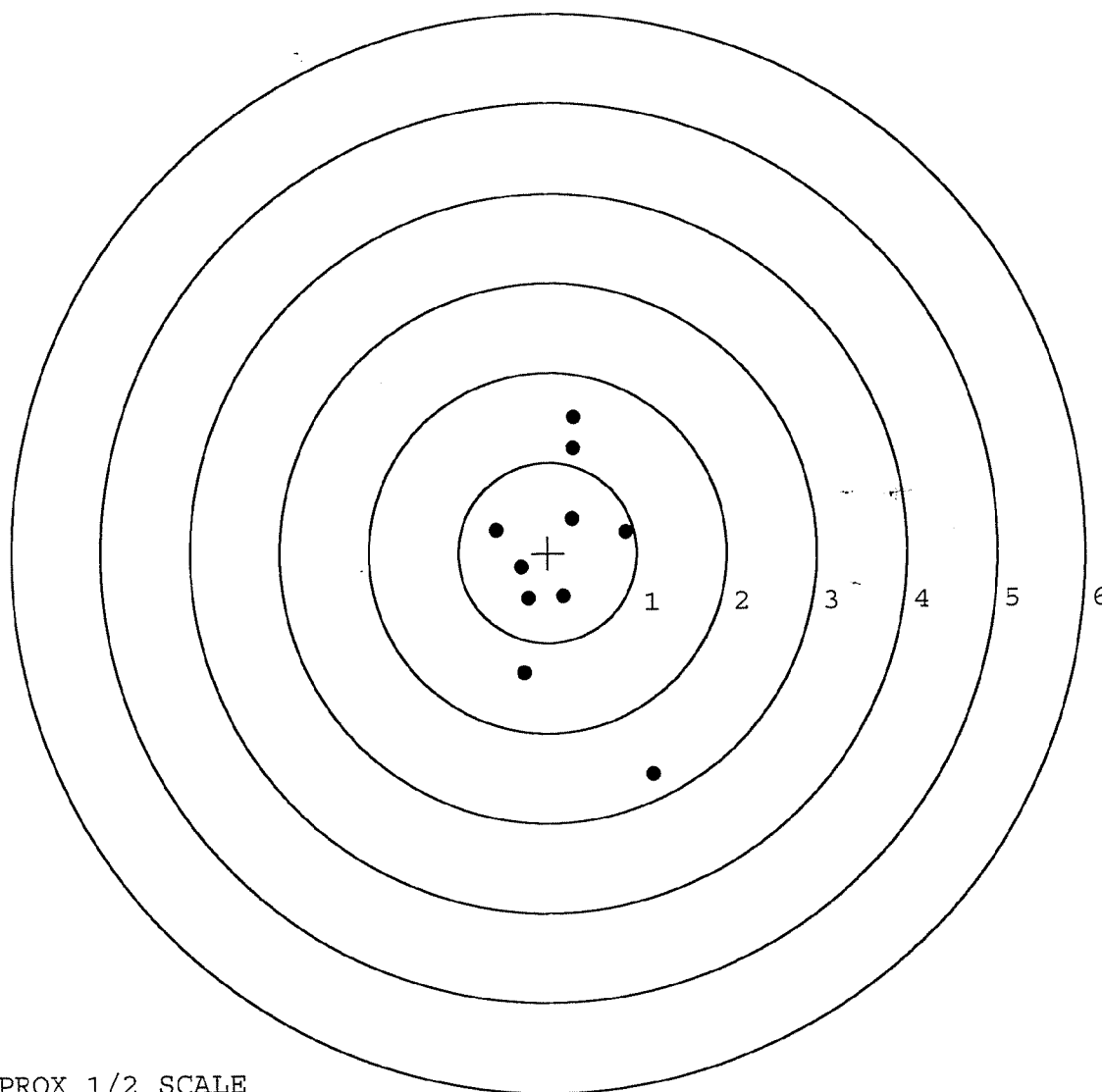
ERROR - NOT POSSIBLE TO REPORT SWS STATS ON DATA
WHERE TOTAL TARGETS ARE NOT EQUAL TO FIVE

Avg mean Radius: .842

SERIAL NUMBER: G6285919.___1
 TARGET NUMBER: 1
 FILE DATE: 05/22/2006
 FILE TIME: 16:15

X CENTROID: 0.169
 Y CENTROID: -0.146
 POA TO CENTROID: 0.223
 HORZ SPREAD: 1.757
 VERT SPREAD: 3.967
 GROUP SPREAD: 4.063
 MIN RADIUS: 0.347
 MAX RADIUS: 2.532
 MEAN RADIUS: 1.030
 # IN 1 IN DIAMETER: 2
 # IN 2 IN DIAMETER: 6
 # in 3 IN DIAMETER: 8

POINT#	X	Y
1:	0.294	1.497
2:	0.289	1.155
3:	0.274	0.375
4:	0.879	0.228
5:	-0.584	0.260
6:	-0.304	-0.166
7:	-0.225	-0.510
8:	0.167	-0.493
9:	-0.277	-1.336
10:	1.173	-2.470

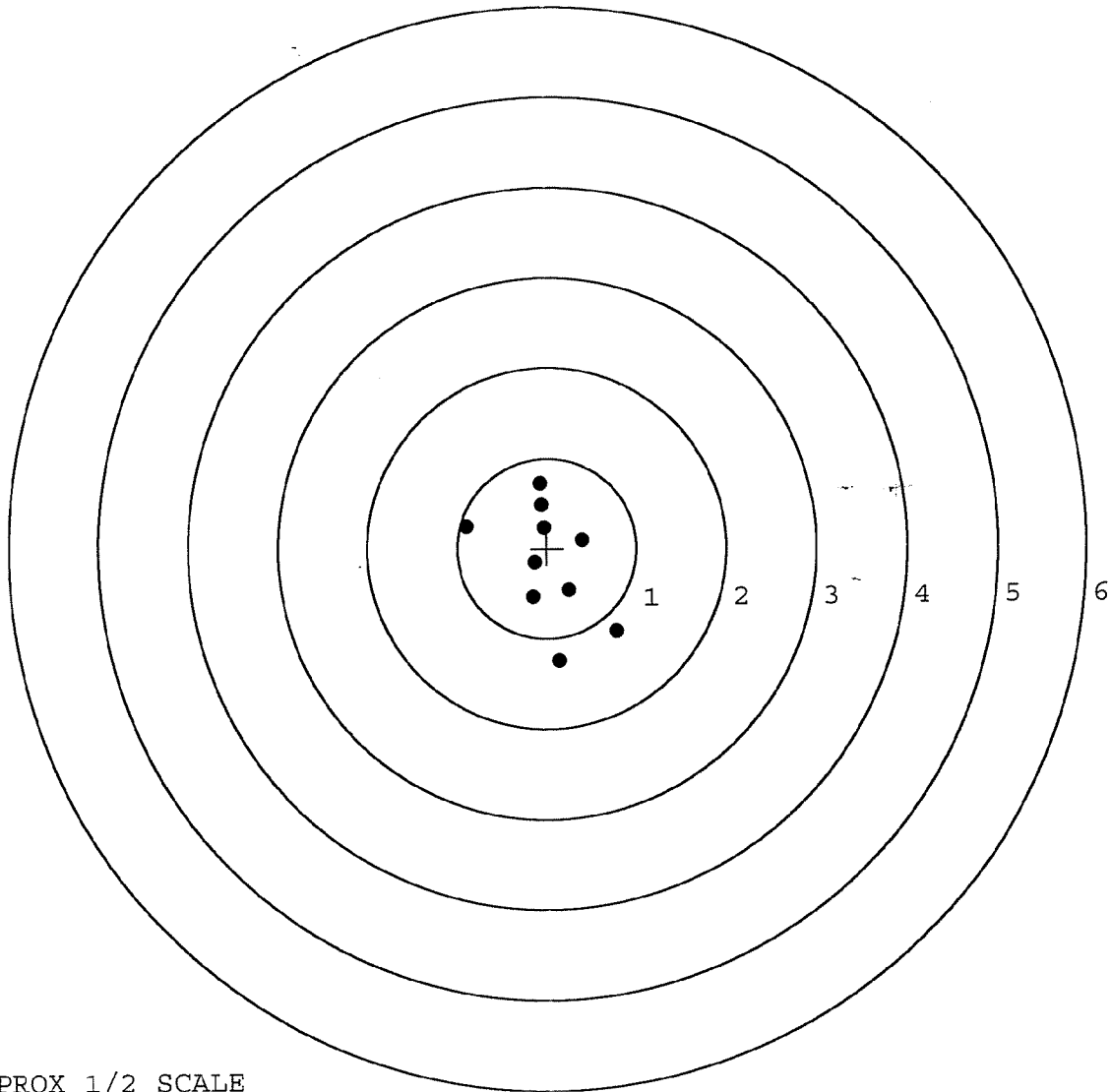


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6285919. __1
 TARGET NUMBER: 2
 FILE DATE: 05/22/2006
 FILE TIME: 16:15

X CENTROID: 0.016
 Y CENTROID: -0.158
 POA TO CENTROID: 0.158
 HORZ SPREAD: 1.664
 VERT SPREAD: 1.984
 GROUP SPREAD: 1.995
 MIN RADIUS: 0.160
 MAX RADIUS: 1.107
 MEAN RADIUS: 0.653
 # IN 1 IN DIAMETER: 5
 # IN 2 IN DIAMETER: 8
 # in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.894	0.250
2:	-0.079	0.725
3:	-0.062	0.486
4:	-0.035	0.230
5:	0.397	0.092
6:	-0.144	-0.160
7:	-0.161	-0.543
8:	0.241	-0.467
9:	0.770	-0.930
10:	0.129	-1.259



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)

DATE 5-12-06TESTER R.P.

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS		COMMENTS
PULL #1	240	252		258	
PULL #2	240	254		249	
PULL #3	244	246		254	
PULL #4	244	260		253	
PULL #5	247	254		259	
TOTAL	1215	1266		1273	
AVERAGE	243	253		254	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	320	308		
PULL #2	320	322		
PULL #3	296	303		
PULL #4	319	326		
PULL #5	316	316		
TOTAL	1571	1575		
AVERAGE	314	315		

	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	412	403		413
PULL #2	407	399		405
PULL #3	409	410		398
PULL #4	403	395		408
PULL #5	405	402		413
TOTAL	2036	2009		2037
AVERAGE	407	401		407

		JAPAN			
R & E NUMBER	111038				
SERIAL NUMBER	66285919				
LOG-IN DATE	4-12-06				
OPERATION #	OPERATION NAME		DATE	INITIAL	
500	DIS-ASSEMBLE GUN		5-5-06	AK	
505	RE-BARREL				
560	ASSEMBLE		5-16-06	AC	
600	PROOF				
605	CHECK HEADSPACE				
610	DIS-ASSEMBLE GUN				
612	MAGNAFLUX				
510	DRILL AND TAP				
615	ROLLMARK CALIBER				
618	ROTO-BLAST				
620	APPLY COATINGS		5/12	HP	
625	FINAL ASSEMBLY		5-16-06	AC	
640	FUNCTION TEST AND	(PASS) FAIL	5-22-06	S.P.D.	
650	TARGET	(PASS) FAIL	5-22-06	S.P.D.	
	MALFUNCTION	CORRECTION			
	MALFUNCTION	CORRECTION			
	MALFUNCTION	CORRECTION			
	MALFUNCTION	CORRECTION			
670	FINAL INSPECTION		5-23-06	MTM	
	A) HEADSPACE	(PASS) FAIL	5-23-06	MTM	
	B) TRIGGER PULL	+/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	272 264 269 275 267	AK	
680	F) SAFETY ON FORCE	2 LBS MIN 10 LBS MAX	9 lbs 5 lbs 8 lbs	MTM	
	G) SAFETY OFF FORCE	2 LBS MIN	4 lbs 3 lbs 4 lbs	MTM	
	I) FIRING PIN INDENT	.020	.023 .023 .023	MTM	
690	PACK		5-26-06	AK	

INSPECTION CHECKLIST-NEW GUNS

GUN SERIAL # G6285919

OP #	OPERATION NAME	READINGS	DATE	INITIAL
575 & 580	ASSEMBLE ACTION AND STOCK		11-14-02	RL
600	PROOF		11-18-02	AC
607	CHECK HEADSPACE	MAGNA-FLUX	11-18-02	AC
610	DIS-ASSEMBLE GUN	INSPECTED	11-19-02	RL
612	MAGNAFLUX BBL ACTION MAGNAFLUX BOLT	OPERATION 2002 RK		
615	ROLLMARK CALIBER		11-22-02	SB
617	DRILL AND TAP SIGHT HOLES		11-22-02	TRW
620	APPLY COATINGS (BARREL ACTION)		12-5	TA
	(BOLT)		12-5	TA
625	FINAL ASSEMBLY A) CLEAN INSIDE OF BOLT ASSEMBLY		5-20-03	RW
	B) INSPECT REAR FIRING PIN HOLE FOR CHAMFER IN BOLT HEAD		5-20-03	RW
	C) INSPECT EJECTOR HOLE FOR CHAMFER		5-20-03	RW
	D) OIL FIRING PIN ASSEMBLY		5-20-03	RW
	E) ADJUST TRIGGER PULL TO MIN. SETTING AND STAKE	2.50 LBS +/- .5 LBS		

OP #	BARBER M24 AM5662	READINGS	DATE	INITIAL
625	F) SAFETY ON FORCE 2 LBS MIN 10 LBS MAX	<u>9</u> <u>8.5</u> <u>8.5</u>	<u>8/5/03</u>	<u>RW</u>
CONT.	G) SAFETY OFF FORCE 2 LBS MIN	<u>2</u> <u>2</u> <u>2</u>	<u>8/5/03</u>	<u>RW</u>
	H) TRIGGER PULL TEST AND RETAINABILITY			
	I) FIRING PIN INDENT .020 MIN	<u>.023</u> <u>.022</u> <u>.0225</u>	<u>8/5/03</u>	<u>RW</u>
	J) ASSEMBLE STOCK		<u>5-20-03</u>	<u>RW</u>
	K) ASSEMBLE SWIVEL STUDS		<u>8-16-03</u>	<u>RLZ</u>
	L) ATTACH FRONT AND REAR SIGHT ASSY'S		<u>5-22-03</u>	<u>RLZ</u>
	M) IRON SIGHT ALIGNMENT		<u>5-22-03</u>	<u>RLZ</u>
	N) DETACH FRONT AND REAR SIGHTS AND PLACE IN NUMBERED CONTAINER		<u>5-22-03</u>	<u>RLZ</u>
640	GALLERY TEST AND TARGET	PASS FAIL	<u>5-21-03</u>	<u>A</u>
	MALFUNCTION <u>XDS</u>	CORRECTION	<u>5-21-03</u>	<u>A</u>
	MALFUNCTION	CORRECTION	<u>5-21-03</u>	<u>A</u>
	MALFUNCTION	CORRECTION	<u>5-21-03</u>	<u>A</u>
	MALFUNCTION	CORRECTION	<u>5-21-03</u>	<u>A</u>
645	INSPECT FOR LIVE AMMO		<u>5-21-03</u>	<u>A</u>
655	FINAL INSPECTION A) HEADSPACE		<u>8/5/03</u>	<u>RW</u>
	B) TRIGGER PULL +/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	<u>2.91</u> <u>2.83</u> <u>2.84</u> <u>2.79</u> <u>2.76</u>	<u>8/5/03</u>	<u>RW</u>
	C) FUNCTION		<u>8/5/03</u>	<u>RW</u>
660	PACK		<u>8/10/03</u>	<u>DA</u>

AVERAGE PULL FORCE BETWEEN
BARBER-M24 0156563 TESTS

2.50# + .50#
 3.00# + .75#
 4.00# + 1.00#

SERIAL NO. _____

DATE 12-6-02

TESTER TRW

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.46	2.71		2.53	MIN. SETTING
PULL #2	2.59	2.72		2.32	NO AVG. OF 5
PULL #3	2.61	2.63		2.58	READINGS ACCEPT
PULL #4	2.78	2.77		2.56	ABLE LESS THAN
PULL #5	2.62	2.54		2.42	
TOTAL	13.06	13.37		12.41	
AVG.	2.61	2.67		2.48	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.25	3.49		
PULL #2	3.39	3.35		
PULL #3	3.27	3.46		
PULL #4	3.04	3.32		
PULL #5	3.34	3.16		
TOTAL	16.29	16.78		
AVG.	3.25	3.35		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# & TARGET & ACCUR
PULL #1	4.46	4.49		4.31
PULL #2	4.27	4.16		4.29
PULL #3	4.21	4.13		4.06
PULL #4	4.19	4.11		4.29
PULL #5	4.11	4.14		4.16
TOTAL	21.24	21.03		21.11
AVG.	4.24	4.20		4.22

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6285919.___0
FILE DATE AND TIME: 05/22/2003 06:19

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.054
The Average Y Centroid of the Five Target Set:	-0.099
The Average Point of Impact of the Five Target Set:	0.113
The Average Mean Radius of the Five Target Set:	0.822
The Distance from POA to Centroid Target #1:	0.044
The Distance from Centroid Target #2 to Centroid Target #1:	0.210
The Distance from Centroid Target #3 to Centroid Target #1:	0.106
The Distance from Centroid Target #4 to Centroid Target #1:	0.277
The Distance from Centroid Target #5 to Centroid Target #1:	0.267

SERIAL NUMBER: G6285919. 0

TARGET NUMBER: 1

FILE DATE: 05/22/2003

FILE TIME: 06:19

X CENTROID: -0.037

Y CENTROID: -0.023

POA TO CENTROID: 0.044

HORZ SPREAD: 2.548

VERT SPREAD: 1.142

GROUP SPREAD: 2.576

MIN RADIUS: 0.112

MAX RADIUS: 1.492

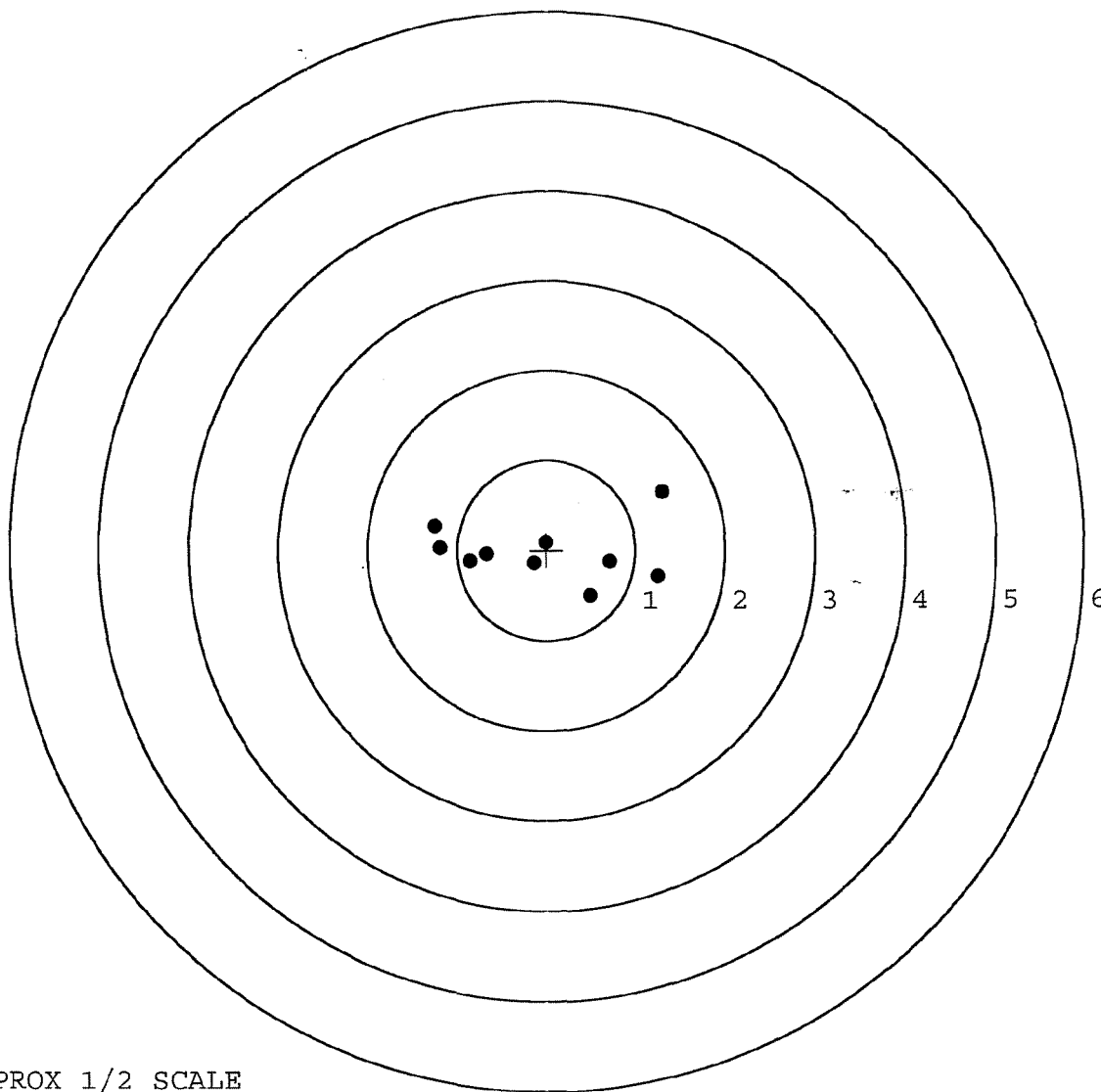
MEAN RADIUS: 0.841

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 6

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.489	-0.501
2:	0.709	-0.130
3:	1.252	-0.295
4:	1.299	0.641
5:	-0.010	0.086
6:	-0.142	-0.148
7:	-0.668	-0.046
8:	-0.860	-0.122
9:	-1.193	0.020
10:	-1.249	0.264



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6285919. __0

TARGET NUMBER: 2

FILE DATE: 05/22/2003

FILE TIME: 06:19

POINT#	X	Y
1:	1.054	-0.279
2:	1.100	0.262
3:	-0.515	-1.172
4:	0.049	0.011
5:	-0.274	-0.106
6:	-0.966	0.058
7:	-1.397	0.109
8:	0.603	-0.467
9:	0.590	-0.229
10:	0.681	-0.072

X CENTROID: 0.092

Y CENTROID: -0.189

POA TO CENTROID: 0.210

HORZ SPREAD: 2.497

VERT SPREAD: 1.434

GROUP SPREAD: 2.502

MIN RADIUS: 0.204

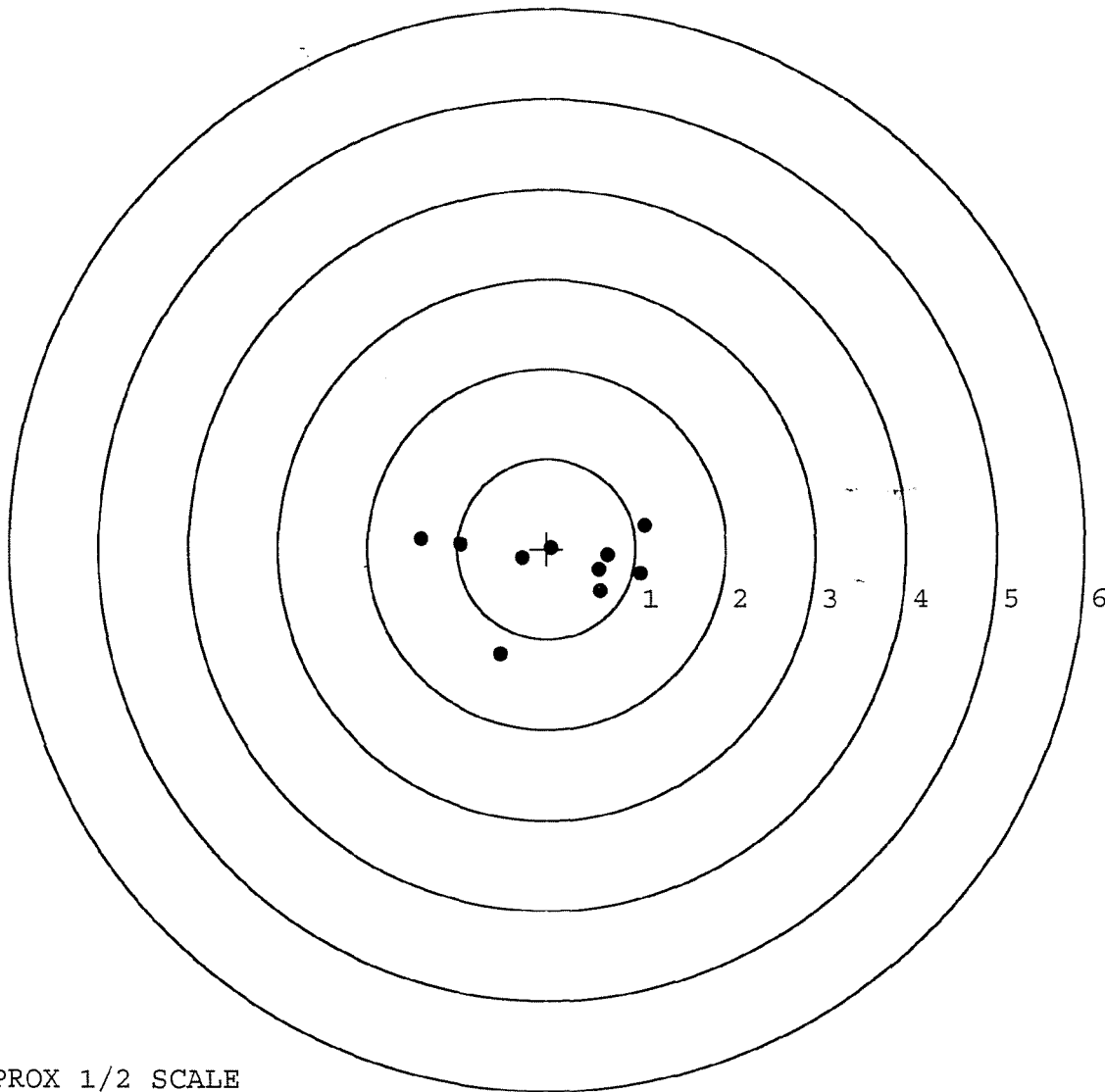
MAX RADIUS: 1.519

MEAN RADIUS: 0.809

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 6

in 3 IN DIAMETER: 9

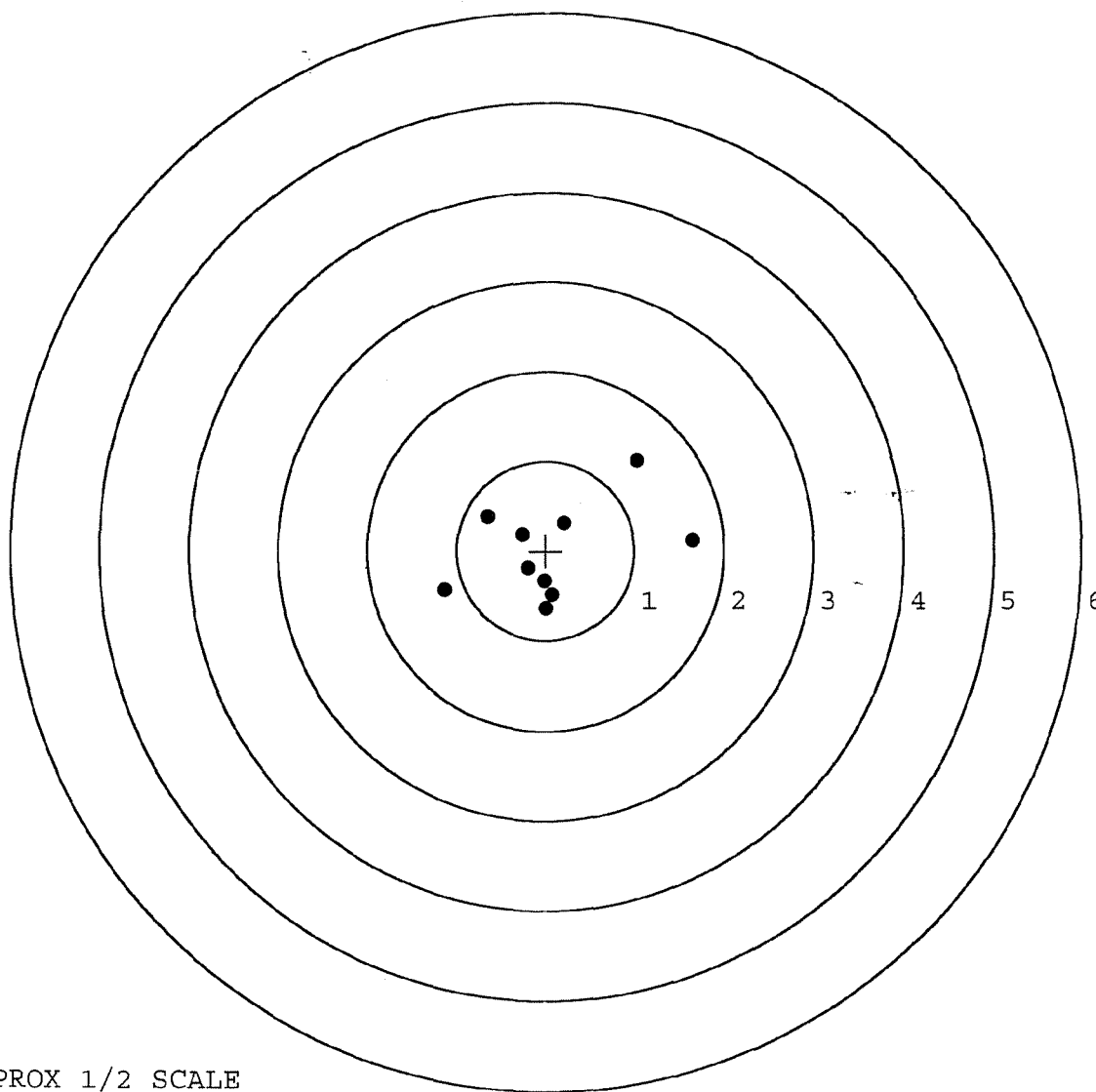


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6285919. 0
 TARGET NUMBER: 3
 FILE DATE: 05/22/2003
 FILE TIME: 06:19

X CENTROID: 0.068
 Y CENTROID: -0.012
 POA TO CENTROID: 0.069
 HORZ SPREAD: 2.793
 VERT SPREAD: 1.658
 GROUP SPREAD: 2.849
 MIN RADIUS: 0.328
 MAX RADIUS: 1.594
 MEAN RADIUS: 0.763
 # IN 1 IN DIAMETER: 5
 # IN 2 IN DIAMETER: 7
 # in 3 IN DIAMETER: 9

POINT#	X	Y
1:	1.656	0.121
2:	1.031	1.009
3:	0.204	0.309
4:	-0.264	0.182
5:	-0.660	0.383
6:	-1.137	-0.441
7:	-0.201	-0.199
8:	-0.018	-0.342
9:	0.072	-0.494
10:	-0.003	-0.649



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6285919. 0

TARGET NUMBER: 4

FILE DATE: 05/22/2003

FILE TIME: 06:19

X CENTROID: 0.237

Y CENTROID: 0.017

POA TO CENTROID: 0.238

HORZ SPREAD: 3.261

VERT SPREAD: 1.385

GROUP SPREAD: 3.463

MIN RADIUS: 0.185

MAX RADIUS: 2.311

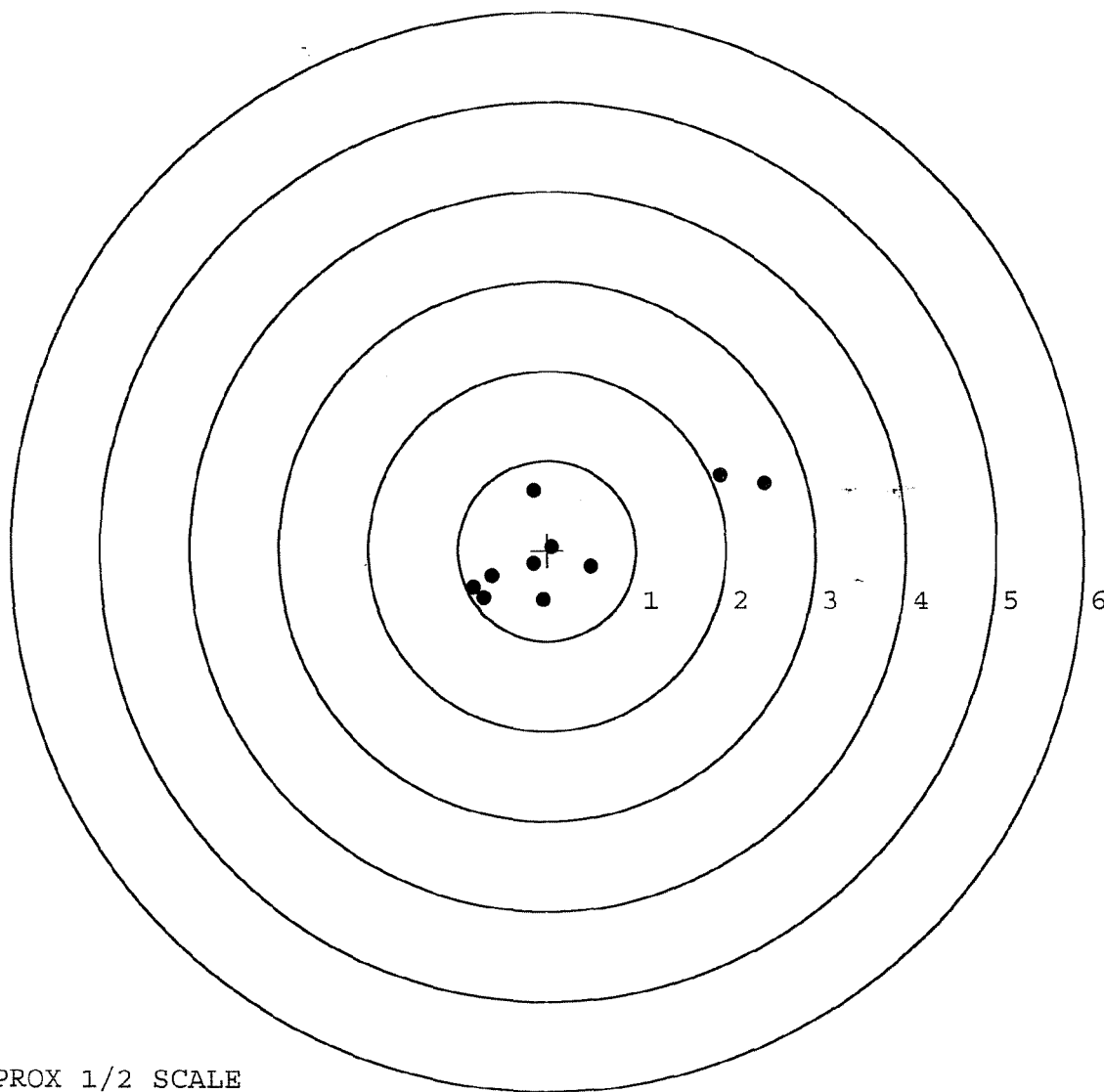
MEAN RADIUS: 0.969

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 6

in 3 IN DIAMETER: 8

POINT#	X	Y
1:	0.488	-0.185
2:	-0.047	-0.548
3:	-0.159	0.660
4:	1.936	0.837
5:	2.428	0.751
6:	0.053	0.036
7:	-0.158	-0.151
8:	-0.623	-0.287
9:	-0.833	-0.414
10:	-0.715	-0.533



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6285919. 0

TARGET NUMBER: 5

FILE DATE: 05/22/2003

FILE TIME: 06:19

X CENTROID: -0.088

Y CENTROID: -0.286

POA TO CENTROID: 0.299

HORZ SPREAD: 2.484

VERT SPREAD: 2.049

GROUP SPREAD: 2.727

MIN RADIUS: 0.196

MAX RADIUS: 1.698

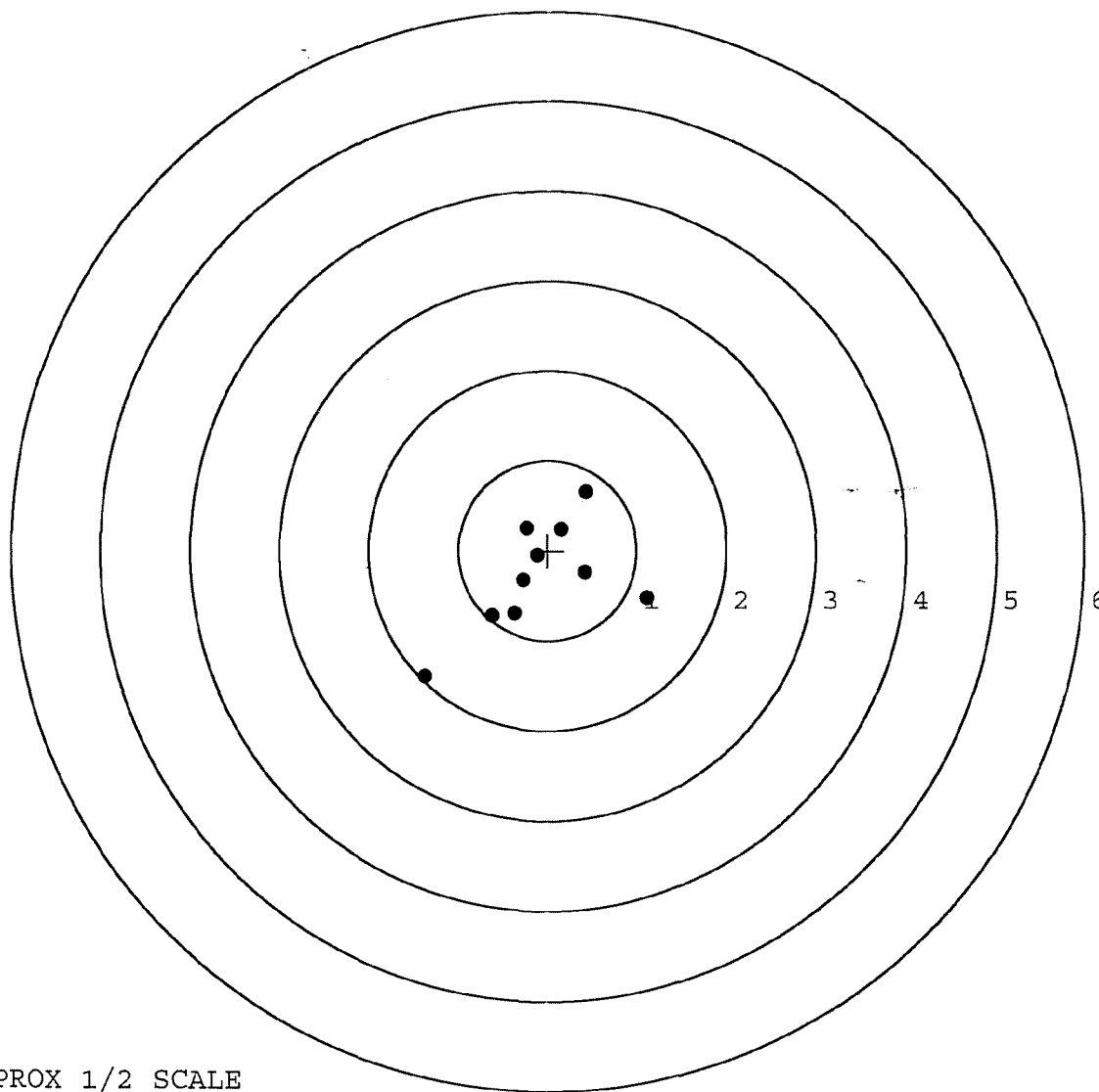
MEAN RADIUS: 0.726

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 9

POINT#	X	Y
1:	1.114	-0.531
2:	0.423	-0.244
3:	0.153	0.240
4:	0.430	0.649
5:	-1.370	-1.400
6:	-0.374	-0.701
7:	-0.620	-0.727
8:	-0.244	0.249
9:	-0.116	-0.058
10:	-0.278	-0.333



TARGET APPROX 1/2 SCALE

UPC



1



SERIAL NO.



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

- INSTRUCTION BOOK 3518

proof of purchase



owner registration sticker



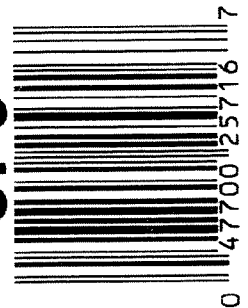
ORDER NO. **25716**

BARREL LENGTH **24"**

CAPACITY **6**

G6285919

UPC



46 FORM