

UPC



0 47700 25716 7

C6702802

*INCLUDES 1 IN CHAMBER

	ORDER NO.	5716
	BARREL LENGTH	
	CAPACITY*	

GFM

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6702802

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		5/1/92	RW
600	Proof		5/1/92	RW
607	Check Headspace		5/1/92	RW
610	Dis-assemble Gun		5/1/92	RW
612	Magnaflux Barrel Action	MAY	5 1992	KCR
	Magnaflux Bolt	MAY	5 1992	KCR
615	Rollmark Caliber	MAY	5 1992	GS
617	Drill and Tap Sight Holes	MAY	5 1992	FB
618	Polish Barrel	MAY	5 1992	WB
620	Apply Coatings (Barrel Action)		6-10-92	JA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		6/13/92	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		6/13/92	RW
	C) Inspect Ejector Hole for Chamfer		6/13/92	RW
	D) Oil Firing Pin Ass'y		6/13/92	RW
	E) Adjust Trigger Pull to Min Setting and Stake		6/16/92	RW

op. #	BARBER - M24 0105210 OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	6.5	6	6			6/16/92	RW
	G) Safety Off Force	3	3	3			6/16/92	RW
	H) Trigger Pull Test & Retainability						6/16/92	RW
	I) Firing Pin Indent	.022	.0225	.021			6/16/92	RW
	J) Assemble Stock						6/16/92	RW
	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						6/16/92	RW
	P) Detach & Attach Scope 20 Times						6/16/92	RW
640	Gallery Target & Test						6-24-92	DH
	A) Time						6-24-92	DH
	B) Malfunctions						6-24-92	DH
	C) Pierced Primers						6-24-92	DH
	D) Optical Clarity of Scope						6-24-92	DH
645	Inspect for Live Ammo						6-24-92	DH
655	Final Inspection							
	A) Headspace						6/24/92	RW
	B) Trigger Pull	2.43	2.29	2.42	2.46	2.56	6/24/92	RW
	C) Function						6/24/92	RW
660	Pack							

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS
2.50# ± .50#
3.00# ± .75#
4.00# ± 1.00#

SERIAL NO. C6702802DATE 6/16/92TESTER RW

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.29	2.18	2.20	2.43	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.32	2.13	2.16	2.29	
PULL #3	2.32	2.15	2.09	2.42	
PULL #4	2.40	2.12	2.19	2.46	
PULL #5	2.28	2.08	2.21	2.56	
TOTAL	11.61	10.66	10.85	12.16	
AVG.	2.36	2.13	2.17	2.43	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.12	3.13		
PULL #2	3.05	3.01		
PULL #3	3.06	3.01		
PULL #4	3.04	3.00		
PULL #5	3.07	3.03		
TOTAL	15.34	15.18		
AVG.	3.07	3.04		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.02	4.12		4.06
PULL #2	4.02	4.10		4.08
PULL #3	4.01	4.08		4.05
PULL #4	4.09	4.12		4.03
PULL #5	4.07	4.02		4.05
TOTAL	20.21	20.44		20.27
AVG.	4.04	4.09		4.05

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6702802
25 Jun 1992

CENTROIDAL DISTANCES

0 TO	1	.468876
1 TO	2	.37404
1 TO	3	.132823
1 TO	4	.373894
1 TO	5	.58028

$\frac{1}{12.5}$ <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .2589
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .097
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .276391

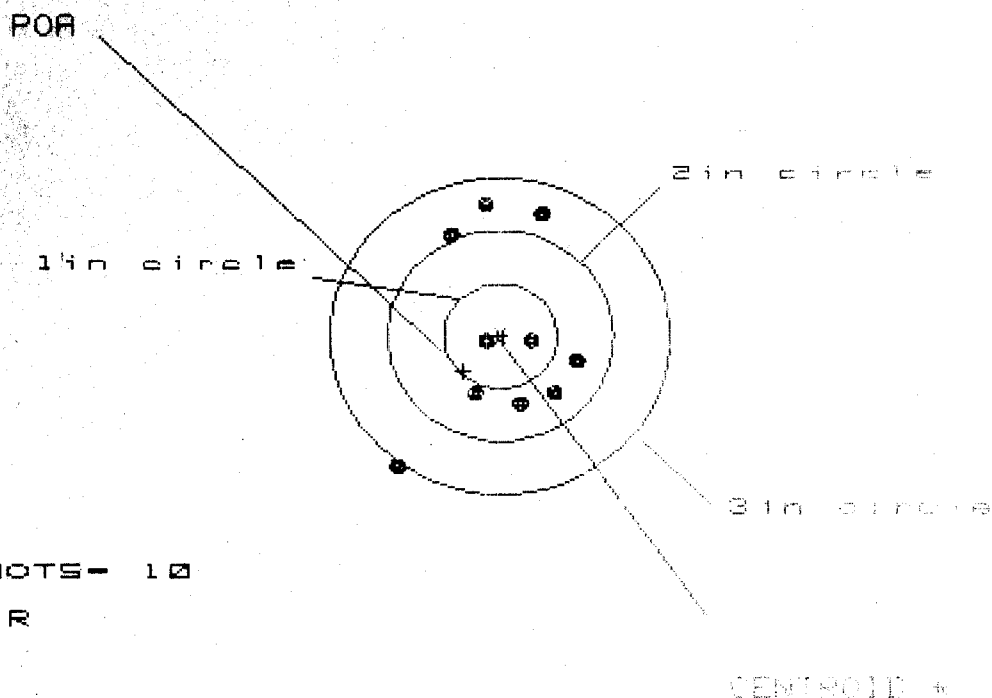
THE AMR FOR THIS RIFLE IS: 1.003

24 Jun 1992

FILE:/PATTERNING/CENTERFIRE_PATT/06702802

CENTERFIRE PATTERNS

1



OF SHOTS- 10

IN CIR

1in = 2

2in = 5

3in = 9

HS= 1.628

VS= 2.559

GS= 2.728

PATTERN #	:	1	2	3
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.669	.562	.532
MINIMUM X	:	-.959	-.653	-.583
MAXIMUM Y	:	1.275	1.132	1.112
MINIMUM Y	:	-1.284	-.767	-.625
CENTROID X	:	.326	.433	.463
CENTROID Y	:	.337	.480	.338
POA TO CENTROID in.	:	.469	.646	.573
MIN RADIUS	:	.177	.238	.121
MEAN RADIUS	:	.822	.745	.649
MAX RADIUS	:	1.603	1.158	1.131
HORIZONTAL SPREAD	:	1.628	1.115	1.115
VERTICAL SPREAD	:	2.559	1.899	1.737
EXTREME SPREAD	:	2.728	1.928	1.793
NUMBER IN ONE INCH CIRCLE =	:	2		
NUMBER IN TWO INCH CIRCLE =	:	5		
NUMBER IN THREE INCH CIRCLE =	:	9		

24 Jun 1992

FILE:/PATTERNING/CENTERFIRE_PATT/C6702802

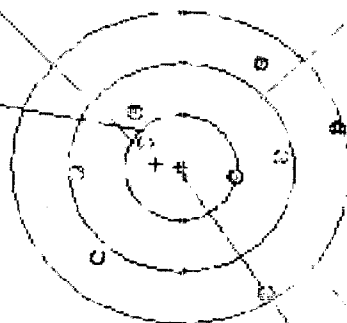
CENTERFIRE PATTERNS

2

POA

1 in circle

3 in circle



OF SHOTS- 10

IN CIR

1 in - 2

2 in - 5

3 in - 9

HS= 3.071

VS= 2.187

GS= 3.147

CENTROID

PATTERN #

PATTERN #	SHOTS (BEST OF)	MAXIMUM X	MINIMUM X	MAXIMUM Y	MINIMUM Y	CENTROID X	CENTROID Y	POA TO CENTROID in.	MIN RADIUS	MEAN RADIUS	MAX RADIUS	HORIZONTAL SPREAD	VERTICAL SPREAD	EXTREME SPREAD	NUMBER IN ONE INCH CIRCLE	NUMBER IN TWO INCH CIRCLE	NUMBER IN THREE INCH CIRCLE
10	10	1.355	-1.716	1.039	-1.148	.221	-.022	.222	.433	1.036	1.742	3.071	2.187	3.147	2	5	9
9	9	1.164	-1.105	1.006	-1.181	.412	.311	.412	.249	.940	1.341	2.269	2.187	2.453	2	5	9
9	9	1.044	-1.025	.058	-1.036	.332	.159	.368	.353	.875	1.353	2.269	1.894	2.453	2	5	9

24 Jun 1992

FILE:/PATTERNING/CENTERFIRE_PATT/06702802

CENTERFIRE PATTERNS # 3

POA

1 in circle

2 in circle

3 in circle

OF SHOTS - 10

IN CIR

1 in - 1

2 in - 3

3 in - 7

HS - 2.947

VS - 2.458

GS - 3.148

CENTROID +

PATTERN #	:	10	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.754	1.979	.963
MINIMUM X	:	-1.193	-.996	-1.109
MAXIMUM Y	:	1.131	1.114	.972
MINIMUM Y	:	-1.327	-1.344	-1.466
CENTROID X	:	.207	.012	.123
CENTROID Y	:	.278	.295	.437
POA TO CENTROID in.	:	.347	.295	.454
MIN RADIUS	:	.390	.539	.382
MEAN RADIUS	:	1.228	1.159	1.100
MAX RADIUS	:	1.761	1.551	1.553
HORIZONTAL SPREAD	:	2.947	2.377	2.077
VERTICAL SPREAD	:	2.458	2.458	2.458
EXTREME SPREAD	:	3.148	2.787	2.765
NUMBER IN ONE INCH CIRCLE	:	1	1	1
NUMBER IN TWO INCH CIRCLE	:	3	3	3
NUMBER IN THREE INCH CIRCLE	:	7	7	7

24 Jun 1992

FILE:/PATTERNING/CENTERFIRE_PATT/C6702802

CENTERFIRE PATTERNS

4

POA

1 in circle

2 in circle

3 in circle

CENTROID #

OF SHOTS - 10

IN CIR

1 in = 3

2 in = 4

3 in = 10

HS = 2.362

VS = 2.586

GS = 2.593

PATTERN #	SHOTS (BEST OF)	MAXIMUM X	MINIMUM X	MAXIMUM Y	MINIMUM Y	CENTROID X	CENTROID Y	POA TO CENTROID in.	MIN RADIUS	MEAN RADIUS	MAX RADIUS	HORIZONTAL SPREAD	VERTICAL SPREAD	EXTREME SPREAD	NUMBER IN ONE INCH CIRCLE	NUMBER IN TWO INCH CIRCLE	NUMBER IN THREE INCH CIRCLE
1	10	1.366	-.996	1.240	-1.347	.032	.106	.111	.159	.911	1.417	2.362	2.586	2.593	3	4	10
2	8	.810	-.845	1.281	-1.305	.119	.065	.136	.197	.869	1.316	1.655	1.586	2.593	3	4	10
3	8	.824	-.831	1.118	-.996	-.133	.228	.264	.080	.793	1.177	1.655	2.114	2.013	3	4	10

24 Jun 1992

FILE:/PATTERNING/CENTERFIRE_PATT/06702802

CENTERFIRE PATTERNS

#

POA

1 in circle



OF SHOTS - 10

IN CIR

1 in - 1

2 in - 6

3 in - 9

HS - 2.150

VS - 2.478

GS - 2.687

PATTERN #	151	152	153
SHOTS (BEST OF)	10	10	10
MAXIMUM X	1.170	1.030	1.030
MINIMUM X	-1.030	-1.030	-1.030
MAXIMUM Y	1.329	1.329	1.329
MINIMUM Y	-1.544	-1.544	-1.544
CENTROID X	.503	.503	.503
CENTROID Y	-.214	-.214	-.214
POA TO CENTROID in.	.551	.551	.551
MIN RADIUS	.414	.414	.414
MEAN RADIUS	1.014	1.014	1.014
MAX RADIUS	1.800	1.800	1.800
HORIZONTAL SPREAD	2.166	2.166	2.166
VERTICAL SPREAD	2.478	2.478	2.478
EXTREME SPREAD	2.687	2.687	2.687
NUMBER IN ONE INCH CIRCLE	1	1	1
NUMBER IN TWO INCH CIRCLE	6	6	6
NUMBER IN THREE INCH CIRCLE	9	9	9

REPAIR AND ESTIMATING REPORT

COMMENTS

ORDER
R 97-13762

CUSTOMER ORDER NO.

WOG 1 OF 3

JUN

DATE RECEIVED

DATE OPENED

DATE CODE

SERIAL NUMBER

NEW SERIAL NUMBER

MODEL AND GRADE

07/31/97

08/04/97

QM 7-92

C6702902

700 7.62

NATO

ACCESSORIES

W/STUDS

SCOPE BASE

FROM:

SHIP TO:

U.S. ARMY APGSA
ATTN: STEAP-LO-GM, BLDG 507
ABERDEEN PROV. GRND MD 21005

U.S. ARMY APGSA
ATTN: STEAP-LO-GM, BLDG 507
ABERDEEN PROV. GRND MD 21005

CUST NO: 091561 C.O.D.L

ACCOUNT NUMBER

ACCOUNT NUMBER N/C

WRITE ☐

PROM. DATE

ESTIMATED

VIA

UPS

GUN CONDITION

- ☐ NEW
- ☐ LIGHTLY WORN
- ☐ WORN
- ☐ VERY WORN
- ☐ UNREPAIRABLE
- ☐ MARRED

REPAIR CHARGE

EXCISE

TAX

INSURANCE

UPS

PARCEL POST

TOTAL

CUSTOMER CONCERN

AMMO

FUNCTION

FINISH

ACCURACY

FIT

INSPECT

CYCLE

A1

B1

TRIGGER GROUP

B2

E1

F1

BOLT ASSY.

B3

E2

F2

BARREL ASSY.

B4

D1

E3

F3

REC. ASSY.

B5

D2

E4

F4

WOOD

C1

D3

E5

F5

METAL

C2

MAIN FAULT

Accuracy Acceptable - Re Finish
Complete

PARTS

COMMENTS

Repowder Coat Complete Gun
Re-zinc - Scope Base & Swivel
Studs

REPAIRMAN

PROOF

CLEAN

TEST

TARGET

PATTERN

GALLERY TESTER

DATE

DATE

DATE

DATE

DATE

OFFICE COPY

RD6925 REV. 6/96

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

BARBER - M24 042400105257

KINZER V. REMINGTON

DA Label 18-1, Sep 83
Edition of Oct 74 will be

US ARMY

ABERDEEN PROVING GROUND, B109
ABERDEEN PROVING GROUND, MD 21016-0001

OFFICIAL BUSINESS

Remington Arms Co., Inc.
ATTN: Fred Martin
14 HOFFER AVE.
ELIOT, NY 13357

W234XV-7/76-3203

XO/WO: 326300 XO/WO: 330-31/42-10

ITEM NO.	FEDERAL STOCK NUMBER, DESCRIPTION, AND CODING OF MATERIEL AND/OR SERVICES				UNIT OF ISSUE	QUANTITY REQUESTED	SUPPLY ACTION	TYPE CONTAINER	CONTAINER NOS.	UNIT PRICE	TOTAL COST
(a)	(b)				(c)	(d)	(e)	(f)	(g)	(h)	(i)
1	1005-01-240-2136 - RIFLE, 7.62MM, M24, SN'S: C6225058 C6702802, C6702871				EA	3					
/////////////////////////////////NOTHING FOLLOWS///////////////////////////////// NOTE: RETURN OF ACCEPTANCE TEST MATERIEL SENSITIVE MATERIAL. SIGNATURE SERVICE REQUIRED. SHIPMENT SECURITY OF SENSITIVE FORM 15 MANDATORY. REGISTERED WEAPON. <i>Check BARRELS H.S. Bore Scope SHOOT FOR Accuracy</i> G. BREWER 410-278-8644											
16. TRANSPORTATION VIA MATS OR MSTs CHARGEABLE TO							17. SPECIAL HANDLING				
RECEIPT	ISSUED BY	TOTAL CONTAINERS	TYPE CONTAINER	DESCRIPTION	TOTAL WEIGHT	TOTAL CUBE	19. CONTAINERS RECEIVED EXCEPT AS NOTED	DATE (YYMMDD)	BY	SHEET TOTAL	
	CHECKED BY	1	CFN		45		QUANTITIES RECEIVED EXCEPT AS NOTED	6/27/97	<i>[Signature]</i>	GRAND TOTAL	
	PACKED BY						POSTED			20. RECEIVER'S VOUCHER NO.	
← TOTAL →											

DD Form 1149, MAR 89
306/080

51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100

Previous editions are obsolete.

16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50

DOCUMENT

Form Approved
OMB No. 0704-0246
Expires Oct 31, 1991

time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing collection of information, including suggestions for reducing this burden, to Washington Headquarters Services, Directorate for the Office of Management and Budget, Paperwork Reduction Project (0704-0246), Washington, DC 20503.

SHEET NO. 1	NO. OF SHEETS 1	5. REQUISITION DATE 25 JUN 97	6. REQUISITION NUMBER
7. DATE MATERIAL REQUIRED (YYMMDD) ASAP 2 JUL 97			8. PRIORITY 03
9. AUTHORITY OR PURPOSE MISSION SUPPORT STEAC-AA-LA SM ARM BR			
10. SIGNATURE			11a. VOUCHER NUMBER & DATE (YYMMDD) W23HYY-7176-3203
12. DATE SHIPPED (YYMMDD)			b.
13. MODE OF SHIPMENT 1/5 Postal Registered mail			14. BILL OF LADING NUMBER R-356-245-88
15. AIR MOVEMENT DESIGNATOR OR PORT REFERENCE NO.			

EXPENDITURE ACCOUNT

CHARGEABLE
ACTIVITY

BUREAU CONTROL
ACTIVITY NO.

BUREAU
CONTROL NO.

AMOUNT

UNIT
OF
ISSUE
(c)

QUANTITY
REQUESTED

(d)

**SUPPLY
ACTION**

TYPE
CON-
TAINER
(f)

CON-
TAINER
NOS.
(a)

UNIT PRICE
(b)

TOTAL COST

(i)

I CERTIFY THAT THE ITEMS LISTED ON SHIPPING DOCUMENT HAVE BEEN PHYSICALLY CHECKED AND FOUND TO BE CONTAINED IN BOXES SHIPPED. SERIAL NUMBER LIST ATTACHED

NOTE: RETURN OF ACCEPTANCE TEST MATERIEL

SENSITIVE MATERIAL. SIGNATURE SERVICE REQUIRED. SHIPMENT SECURITY OF SENSITIVE FORM IS MANDATORY.
REGISTERED WEAPON.

C. BREWER 410-278-8644

17. SPECIAL HANDLING

18. REC APSH ITUP LM AENT TION	ISSUED BY	TOTAL CON- TAINERS	TYPE CON- TAINER	DESCRIPTION	TOTAL WEIGHT	TOTAL CUBE	19. R E C E I P T	CONTAINERS RECEIVED EXCEPT AS NOTED	DATE (YYMMDD)	BY	SHEET TOTAL
	CHECKED BY	1	CTN		45			QUANTITIES RECEIVED EXCEPT AS NOTED	6/27/97	h/k	1046.40
	PACKED BY							POSTED			20. RECEIVER'S VOUCHER NO.
	6/28-97			← TOTAL →							

BARBER - M24 0105220

Remington Test Lab, Ilion, N.Y.

Centroidal distance calculations for Rifle # C6702802
6 Aug 1997

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.064
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .185
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .195758

THE AMR FOR THIS RIFLE IS: .663

CENTROIDAL DISTANCES

0	TO	1	.195758
1	TO	2	0
1	TO	3	0
1	TO	4	0
1	TO	5	0

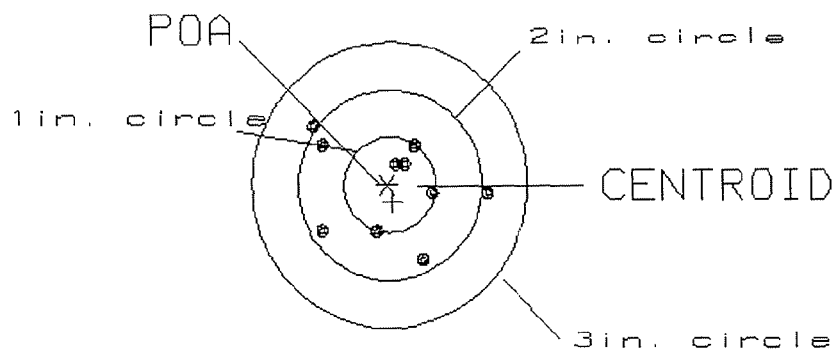
8
+ <----POA

PATTERN #: 010
 POA TO CENTROID: .196
 MIN RADIUS : .187
 MEAN RADIUS : .663
 MAX RADIUS : 1.069
 CENTROID X : -.064
 CENTROID Y : .185

6 Aug 1997

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6702002

CENTERFIRE PATTERN # 1



OF SHOTS= 10

IN CIRCLE

HS= 1.92

4

VS= 1.42

8

GS= 2.05

10

Final Inspection

Sn: 06702802

DATE REC'D: 7-31-97

DATE RET'D:

AUDITOR: *AW*

Item:

BARREL ASSY.

- ☒ BARREL
- ☒ RECEIVER
- ☒ FRONT SIGHT BLOCK
- ☒ REAR SIGHT BLOCK
- ☒ SCREWS
- ☒ FINISH

SCOPE ASSY.

- ☐ SCOPE
- ☐ SCOPE RINGS
- ☐ MOUNTING SCREWS
- ☒ MOUNTING BASE
- ☒ SCREWS
- ☐ FINISH
- ☐ LOOSENESS
- ☐ CLARITY

MISC.

- ☐ DD-250
- ☐ BAR CODE
- ☐ PACKAGING

Item:

STOCK ASSY.

- ☒ STOCK
- ☒ SLING SWIVEL STUDS
- ☒ ADJUSTABLE BUTT PLATE
- ☒ LOCK NUTS
- ☒ BARREL CLEARANCE
- ☒ COLOR/FINISH

SYSTEMS CASE

- ☐ SCOPE CASE
- ☐ IRON SIGHTS
- ☐ DEPLOYMENT KIT

TRIGGER

- ☒ SAFETY OPERATION
- ☒ SET

Comments: _____