

PROJECT # 241314
ENG SCOTT FRANZ

MEASUREMENTS ON 7MM REM MAG CHAMBER CAST

TLW1430
3/11/2004

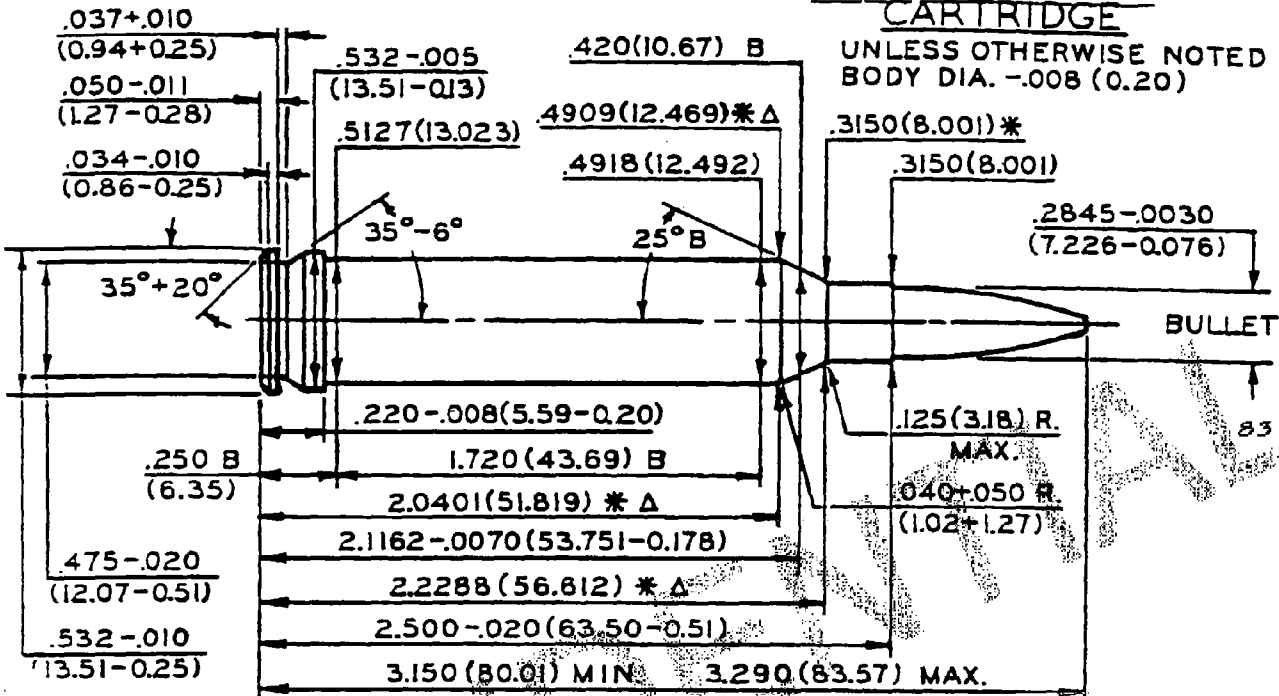
ID	DESCRIPTION	DIN	PLUS	MINUS	A-1	A-2	A-3	M
A	O.D.	0.5136	0.002	0.002	0.5141	0.5137	0.5132	MV
B	O.D.	0.4928	0.002	0.002	0.4954	0.4953	0.4948	MV
C	O.D.	0.4918	0.002	0.002	0.4944	0.4946	0.4945	MV
D	DEGREE	25			24.68	24.52	24.61	MV
E	O.D.	0.3170	0.002	0.002	0.3189	0.3182	0.3174	MV
F	RADIUS	0.150	0.030	0.030	0.149	0.151	0.150	MV
G	O.D.	0.3160	0.002	0.002	0.3177	0.3173	0.3171	MV
H	DEGREE	45			43.40	43.71	43.82	MV
I	O.D.	0.2845	0.002	0.002	0.2860	0.2858	0.2858	MV
J	O.D.	0.2845	0.002	0.002	0.2846	0.2844	0.2844	MV

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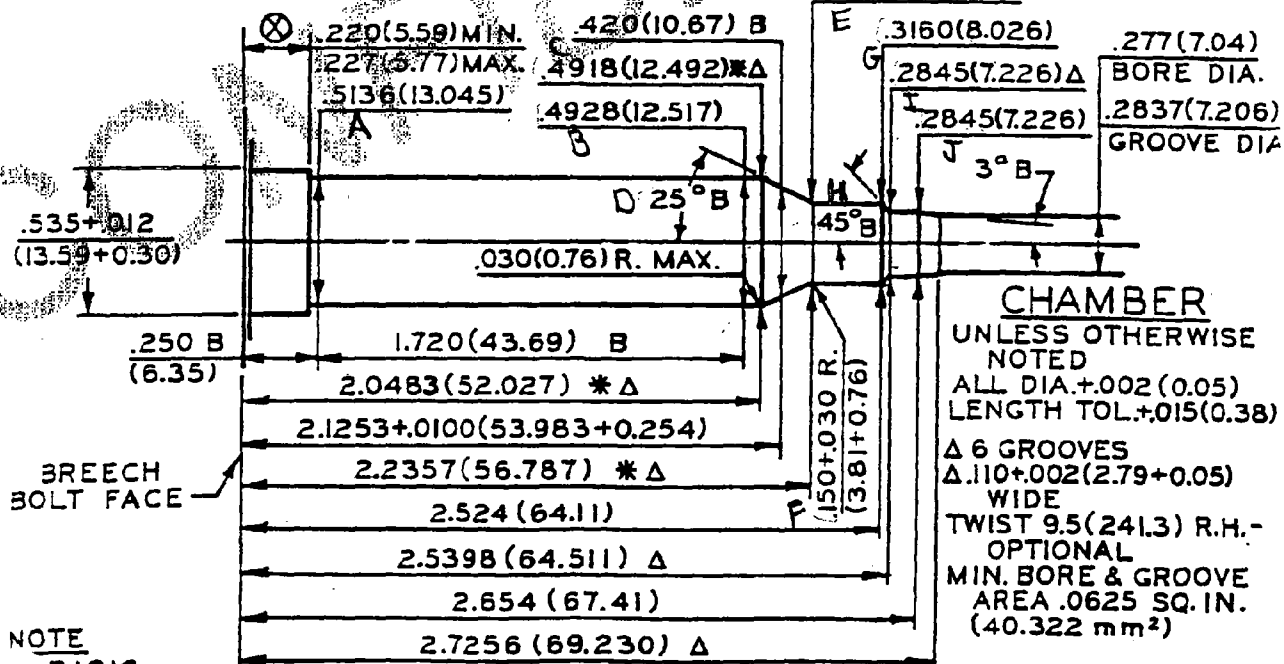
ET21489

CARTRIDGE

UNLESS OTHERWISE NOTED
BODY DIA. $-.008$ (0.20)



$.3170$ (8.052) *



CHAMBER

UNLESS OTHERWISE NOTED
ALL DIA. $+.002$ (0.05)
LENGTH TOL. $+.015$ (0.38)
Δ 6 GROOVES
Δ $.110 \pm .002$ (2.79 ± 0.05)
WIDE
TWIST 9.5 (241.3) R.H.-
OPTIONAL
MIN. BORE & GROOVE
AREA $.0625$ SQ. IN.
(40.322 mm²)

NOTE

BASIC
(X.XX) = MILLIMETERS
⊗ = HEADSPACE DIMENSION
Δ = REFERENCE DIMENSION
* DIMENSIONS ARE TO INTERSECTION OF LINES
ALL CALCULATIONS APPLY AT MAXIMUM
MATERIAL CONDITION (MMC)

S A A M I
L.F.C. 7-18-1990

ET21490

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Remington Arms Company Inc.
Research & Development Technical Center
315 West Ring Road
Elizabethtown, KY 42701

Clean & Inspect Checklist

Model: 710 Magnum

Project: 241314

Rifle: A-3

TLW #: TLW1430

Date: 3 / 15 / 04

Inspector: SW/BL

Round Level: 151

☒ Measure Headspace Min +1.003 When GO Gauge went. (20 Rounds)

☒ Inspect Take Down Screws for loosening. Top Take down screw 1/8" movement

☒ Sear Engagement: 1st. .0348 2nd. .0350 3rd. .0347 Ave. .03483 spec- .025" to .030"

☐ Reset Sear Engagement if Required: 1st. _____ 2nd. _____ 3rd. _____ Ave. _____

☒ Trigger Pull: 1st. 5.767 2nd. 5.788 3rd. 5.722 Ave. 5.759 spec- 4.5 lb. to 5.5 lb.

☐ Reset Trigger Pull if Required: 1st. _____ 2nd. _____ 3rd. _____ Ave. _____

☒ Inspect cam surface, locking lugs and bolt stop for signs of excessive wear: Cam surface Locking lugs some sign of wear

☒ Inspect stock for any signs of cracking or other failure: Center Take down nuch cracked

☒ Other items of note: Front of magazine bent out.

TLW1430

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GUN:A3
SHOOTER: SW
CAL: 7MM REM MAG

M/710 MAGNUM INITIAL TESTING
JACK FUNCTION TEST
0 - 150 RDS

PROJECT: # 241314
TLW: # 1430
DATE: 3/13/04

AMMO FED 7RB		LOT# 3500 31 H237	
MALFUNCTIONS		MALFUNCTIONS	
1		51	✓
2		52	✓
3		53	
4	✓	54	
5		55	✓
6		56	✓
7	✓	57	
8		58	
9		59	
10		60	✓
11	✓	61	
12		62	
13		63	
14		64	✓
15	✓	65	
16		66	
17		67	
18		68	✓
19	✓	69	
20		70	
21		71	
22	✓	72	✓
23	✓	73	
24		74	
25		75	
26	✓	76	✓
27	✓	77	
28	✓	78	
29		79	✓
30		80	✓
31	✓	81	
32		82	
33	✓	83	✓
34	✓	84	
35	✓	85	
36		86	
37		87	
38		88	✓ FTEject
39	✓	89	✓ FTEject
40	✓	90	
41	P7RC 040031H262	91	
42		92	✓
43	✓	93	
44	✓	94	
45		95	✓
46		96	✓
47	✓	97	
48		98	
49		99	✓
50		100	✓

2 - Fail To Eject

GUN: A3
SHOOTER: SW
CAL: 7MM REM MAG

M/710 MAGNUM INITIAL TESTING
JACK FUNCTION TEST
0 - 150 RDS

PROJECT: # 241314
TLW: # 1430
DATE: 3/12/04

AMMO FED	LOT#
P7AG	090031H262
MALFUNCTIONS	MALFUNCTIONS
1	51
2	52
3	53
4	54
5	55
6	56
7	57
8	58
9	59
10	60
11	61
12	62
13	63
14	64
15	65
16	66
17	67
18	68
19	69
20	70
21	71
22	72
23	73
24	74
25	75
26	76
27	77
28	78
29	79
30	80
31	81
32	82
33	83
34	84
35	85
36	86
37	87
38	88
39	89
40	90
41	91
42	92
43	93
44	94
45	95
46	96
47	97
48	98
49	99
50	100

100

83

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