

#32 - DESCRIPTION

		RL	SN	K	FF	
J. Messina Model #1687-8, S/N 0032-88 Blue top 1.650" neck at the nut #3 top only with bridge, bridge brace, braces. 60° top 153.4 before holes Bridge 13 with finish - w/retainer 16.1 Braces: 1 - 7.3 light 2 - 3.4 heavy .4 3 - 5.6 heavy .7 4 - 2.6 heavy .2 5 - 3.4 OK 6 - 2.6 heavy .2 7 - 5.6 heavy .7 8 - 3.6 heavy .5 9 - 7.4 light 41.5 Bracing total 3.3 Bridge Brace - light narrow .225" wide bridge brace Rim 84.4 medium	4/15/76	.25 .50 1.0	.017/.018 .032/.035 .065/.068 loose-inverted tight	.009/.008 .018/.017 .038/.035	.070 loose	
#33-6 6/29/76 Has new nut.						
#33-5 6/22/76 Does <u>not</u> have wooden saddle. Has saddle relieved and slot laminated.						
#32-4 6/2/76 Rerun numbers. Rehone to eliminate buzz on 16 fret - E1, also to help string fall off at 14th.		.25 .50 1.0	.019/.019 .038/.038 .076/.077	.011/.009 .022/.019 .045/.038	.070	~88
#32-4 5/10/76 The action had raised to 1/8" at the 12th. We cut the back open again and made a reinforcing patch from heel to cutout. We also added 3" finger on #5. With heat we changed the action to .051 at the 12th on E1 and .062 at the 12th on E6, this was without any string tension. After it was tuned the clearance was .071 and .090 but I think the difference is all due to the curvature that just showed up in the top. This one also has hat section ribs on bottom of bowl. Examined by Paul McCartney and "Wings" on 5/11/76. ? McCullough, ?Mc?		.25 .50 1.0	.019/.019 .037/.037 .076/.076	.010/.009 .022/.019 .046/.039	.070	
#32-3 4/26/76 No change, rerun numbers.		.25 .50 1.0	.018/.018 .036/.036 .073/.075	.013/.010 .025/.021 .051/.042	.068	~90
5/28/76 5/12/76 Bill Soun A mandolin section 7/6/76	(continued)					

#32 - (continued)

#32-3

4/23/76

#9 is left. .25  
 Rim had not been sanded (molding squeeze out). .50  
 Add 1.3 grams to #1 (R) and 9 (L). 1.0  
 Add .8 grams to bridge brace and make it .250" w.  
 Reduce #3 (R) and #7 (L) by .7 grams each  
 is 5.6 5.6 = 1/8 of  $\frac{0.50}{.406}$  .359  
 Reduce #2 (R) and #8 (L) by .4 grams each  
 is 3.4 3.6 = 1/9 of  $\frac{0.31}{.281}$   
 Reduce #4 (R) and #6 (L) by .2 grams each  
 is 2.6 2.6 = 1/13 of  $\frac{0.15}{.218}$

Bracing check on #III top

- 1 - .120" thick, .468 max. height - should be .500"
- 2 - .122" thick, .281 max. height - should be .312"
- 3 - .121" thick, .406 max. height - should be .406"
- 4 - .121" thick, .218 max. height - should be .218"
- 5 - .121" thick, .281 max. height - should be .250"
- 6 - .121" thick, .218 max. height - should be .218"
- 7 - .121" thick, .406 max. height - should be .406"
- 8 - .121" thick, .281 max. height - should be .312"
- 9 - .124" thick, .468 max. height - should be .500"

#32-2

4/22/76

Relieved glue line which bonded fingerboard to .25  
 top from 16 to 21 fret. .50  
 This was supposed to loosen N/S but in fact R/L 1.0  
 and K loosened and became completely unstable. slides

#32-1

4/21/76

Installed on guitar. .25  
 .50  
 1.0  
 slides slides

*CHK house 7/6/76  
 New Haven 7/7/76  
 resorted action 7/9/76 perfect low  
 delivered Cape Cod Col 7/10/76  
 Jim Messina  
 Kenney Loggins  
 Jim Recor wood mgr  
 Woodie Fiddle MIT*

	RL	SN	K	FF
#32-3				
#9 is left.	.25	.018/.019	.012/.009	.071
Rim had not been sanded (molding squeeze out).	.50	.037/.038	.024/.019	
Add 1.3 grams to #1 (R) and 9 (L).	1.0	.076/.078	.049/.040	
Add .8 grams to bridge brace and make it .250" w.				
Reduce #3 (R) and #7 (L) by .7 grams each				
is 5.6 5.6 = 1/8 of $\frac{0.50}{.406}$ .359				
Reduce #2 (R) and #8 (L) by .4 grams each				
is 3.4 3.6 = 1/9 of $\frac{0.31}{.281}$				
Reduce #4 (R) and #6 (L) by .2 grams each				
is 2.6 2.6 = 1/13 of $\frac{0.15}{.218}$				
Bracing check on #III top				
1 - .120" thick, .468 max. height - should be .500"				
2 - .122" thick, .281 max. height - should be .312"				
3 - .121" thick, .406 max. height - should be .406"				
4 - .121" thick, .218 max. height - should be .218"				
5 - .121" thick, .281 max. height - should be .250"				
6 - .121" thick, .218 max. height - should be .218"				
7 - .121" thick, .406 max. height - should be .406"				
8 - .121" thick, .281 max. height - should be .312"				
9 - .124" thick, .468 max. height - should be .500"				
#32-2				
4/22/76				
Relieved glue line which bonded fingerboard to top from 16 to 21 fret.	.25	.021/.024	.011/.008	.079
This was supposed to loosen N/S but in fact R/L and K loosened and became completely unstable.	.50	.042/.049	.023/.017	
	1.0	.086/.098	.046/.036	
		slides		
#32-1				
4/21/76				
Installed on guitar.	.25	.020/.020	.012/.009	.074
	.50	.040/.040	.024/.019	
	1.0	.082/.082	.050/.038	
		slides slides		

TECHNICIAN \_\_\_\_\_

DATE

4/30/76

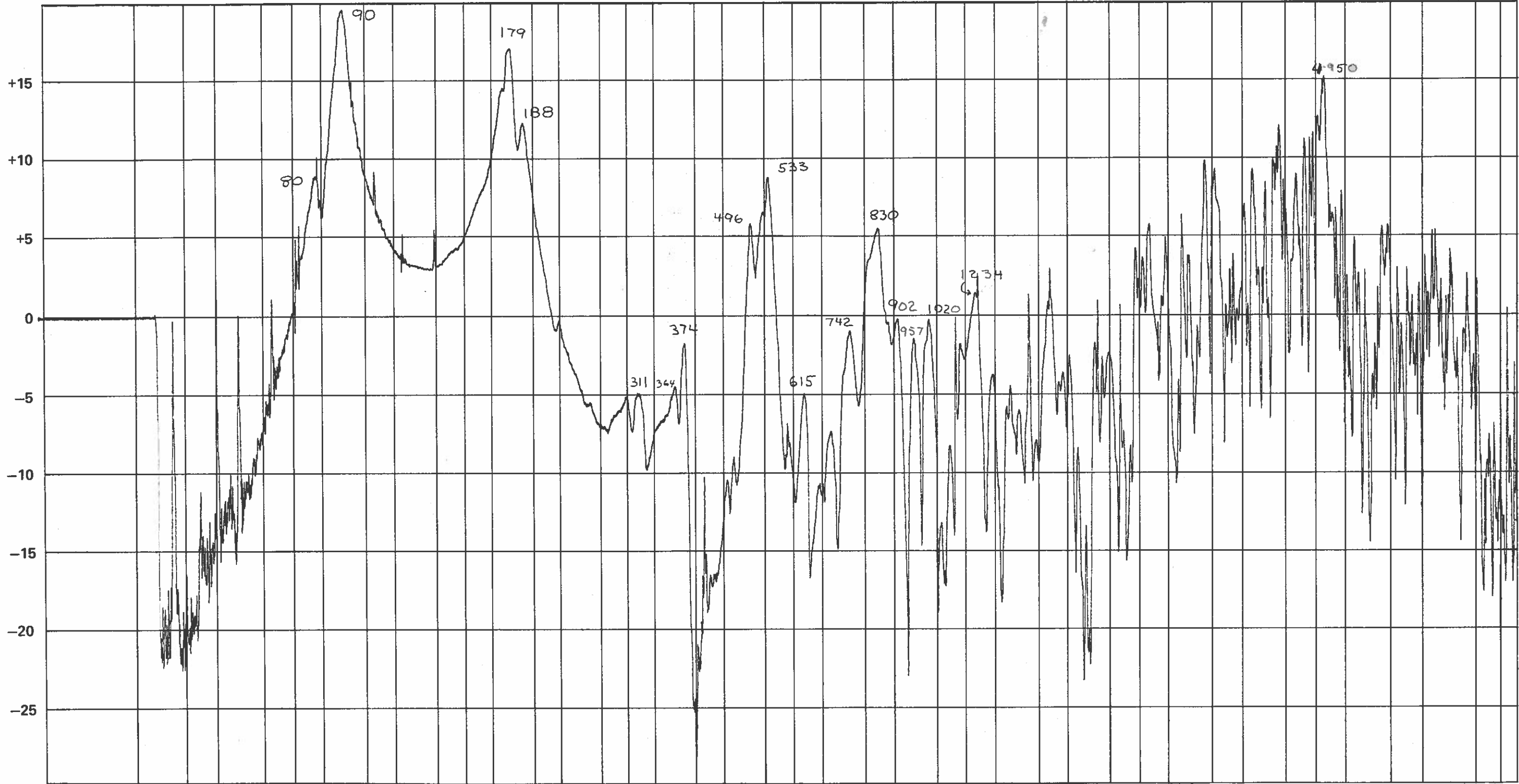
DESCRIPTION

MESSENA'S GUITAR - TONE CONTROL

GUITAR NUMBER

#32-3

db



Hz

30. REF

E 41.2 G 49. A 55. C 65.4 D 73.4 E 82.4 G 98. A 110. C 130.8 D 146.8 E 164.8 G 196. A 220. C 261.6 D 293.7 E 329.6 G 392. A 440. C 523.3 D 587.3 E 659.3 G 784. A 880. C 1046.5 D 1174.7 E 1318.5 G 1568. A 1760. C 2093. D 2349.3 E 2637. G 3136. A 3520. C 4186. D 4698.6 E 5274. G 6271.8 A 7040. C 8372. 9000. REF 9397.2

TECHNICIAN \_\_\_\_\_

DATE 6/1/76

DESCRIPTION 1st run

GUITAR NUMBER 32-4

