January 31, 1974
February 6, 1974
February 12, 1974
March 5, 1974

TO: Mr. C. H. Kaman

FROM: Materials & Process Eng. - A. L. Belbruno

SUBJECT: Top Deflection History - Guitar #45

Top #I30, k = .70

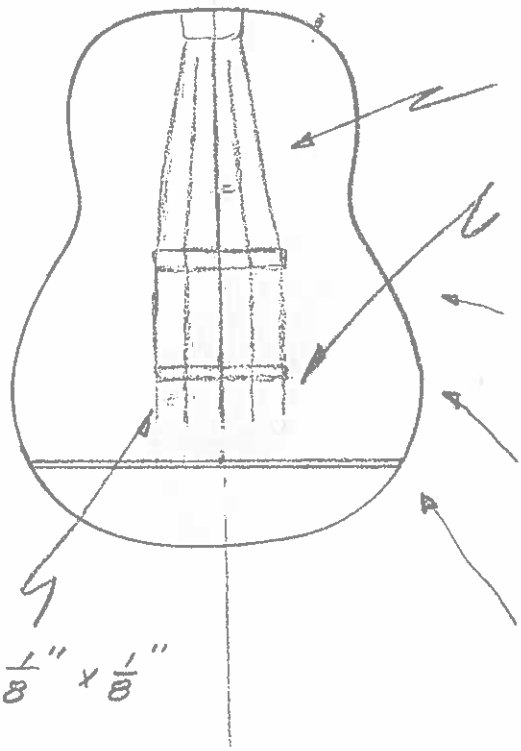
	Date	Deflection (inches/20 lbs) Strings Loose	Strings Tight	
#45-0	1-31-74	.147		
#45-1	2-05-74	.075		
#45-1	2-08-74	.074		(Bridge Rebond)
#45-2	3-05-74	.101	.091	

A. L. Belbruno

A. L. Belbruno

cc: L. Pickett

45-1



STD. SHELF
5 FANS $\frac{1}{8}$" x $\frac{1}{4}$" NOTCHED FOR TOP BEAMS + SCALLOPED BOTH ENDS for BOTTOM BEAM

BEAM $\frac{9}{16}$" WIDE $\frac{1}{8}$" DEEP 6" LONG
℄ @ 10 $\frac{3}{4}$" from WALL

BEAM $\frac{1}{4}$" WIDE $\frac{1}{8}$" DEEP 6" LONG
℄ @ 6 $\frac{1}{2}$" from WALL

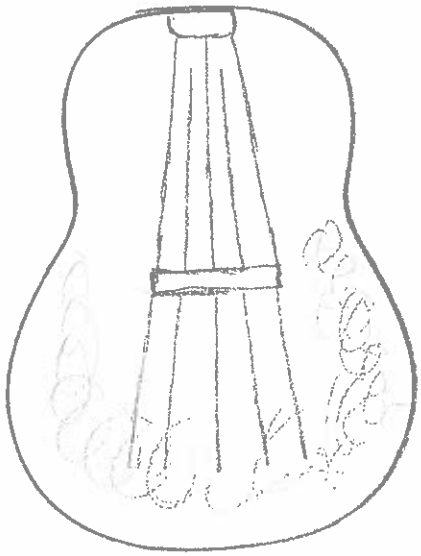
$\frac{1}{8}$" x $\frac{1}{8}$"

BEAM $\frac{1}{4}$" x $\frac{1}{2}$" @ 3" ℄ to WALL

ELEC. BOX ON TOP SIDE

K = .075

45-2



← 7" →

3-2-74

ORIG. THICKNESS .104 - .131
GROUND ON SIDES TO .095" - .100"

BEAM SAME
ALL FANS NOW $\frac{1}{8}$" x $\frac{1}{4}$"

	LOOSE	TITE
K =	.101	.091

UNIT NAME 45-2

TEST RECORD № ~~38~~ 45-2

db

+20 +15 +10 + 5 0 - 5 -10 -15 -20 -25 -30 -35 -40

E G A C D E G A C D E G A C D E G A C D E G A C D E G A C D E G A C D E G A C D

Hz 41.2 49.0 55.0 65.4 73.4 82.4 98.0 110.0 130.8 146.8 164.8 196.0 220.0 261.6 293.7 329.6 392.0 440.0 523.3 587.3 659.3 784.0 880.0 1046.5 1174.7 1318.5 1568.0 1760.0 2093.0 2349.3 2637.0 3136.0 3520.0 4186.0 4698.6 5274.0 6271.8 7040.0 8372.0 9397.2

OPERATING TECHNICAN

DATE 4-7-74

OVATION INSTRUMENTS