January 31, 1974

TO: Mr. C. H. Kaman

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

SUBJECT: Top Deflection History - Guitar #43

Top #H39, k = .42

	Date	Deflection (inches/20 lbs) Strings Loose
#43-0	1-31-74	.131*

*This deflection was rechecked several times because it did not agree with deflection of #42-0 which has top H30 with k = .40.

A. L. Belbruno

A. L. Belbruno

cc: L. Pickett

March 4, 1974

TO: Mr. C. H. Kaman

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

SUBJECT: Top Deflection History - Guitar #43 (Classic)

Top # H 39, k = .42

	Date	Deflection (inches/20 lbs) Strings Loose	Strings Tight	
#43-0	2-28-74	.210*		Top bonded to bowl
#43-0	2-29-74	.110		Classic bridge bonded to top. No bracing.

*This figure was obtained by deflecting the top with a 10 lb weight instead of 20 lbs. because the splice joint in the center of the top appeared to be weak. Deflection was .105 inches for the 10 lb. weight.

ALB/tm

cc: L. Pickett

A. L. Belbruno

A L. Belbruno