

December 26, 1973

TO: Mr. C. H. Kaman  
FROM: Materials & Process Engineering - A. L. Belbruno  
SUBJECT: Top Deflection - Graphite #6

WEIGHT	THICKNESS	LOAD	DEFLECTION		WITH BRIDGE k (IN./20 LBS)
			WITHOUT BRIDGE	WITH BRIDGE	
166 grams (.37 lbs) (5.9 oz)	.049	2 lbs	.066	.032	.32
		4 lbs	.106	.059	

NOTES:

1. One layer of birch veneer with grain at 45° with Rigidite #5209 GSG graphite.
2. Deflection of the top without the bridge is not accurate because of the warpage. This top had approximately 1/32" dish down. Warpage was transverse on the top. No warpage in the lengthwise direction.
3. This top is stored in the Materials Lab. for future requirements.

*A. L. Belbruno*  
A. L. Belbruno

cc: L. Pickett  
R. Mayerjak