

Jefferson Lab Alignment Group

DATA TRANSMITTAL

TO: Steve Lassiter

DATE: Oct. 9th, 2001

FROM: Jim Dahlberg

Checked: # : C706

DETAILS:

Below are the results of the G0 octant survey performed on Oct. 8th 2001. The values reflect the amount of shim necessary to add or subtract from each support to set the octants in a common plane parallel to the ferris wheel center hub flanges. A positive value indicates a need to shift downstream, (add shim), and a negative value indicates a need to shift upstream, (take shim out). The values are based on the ideal separation between the downstream face of the ferris wheel flange and the octants. Looking upstream, the octants are labeled #1 through #8 counter clockwise with #1 at the top position of the ferris wheel. The octant support locations are also labeled in a counter clockwise manner with A at the center hub, and B, C on the outside perimeter.

SUPPORT LOCATION	SHIM PACK (inches)	SUPPORT LOCATION	SHIM PACK (inches)
1A	-0.003	5A	-0.003
1B	-0.109	5B	-0.179
1C	-0.291	5C	-0.194
2A	-0.061	6A	+0.052
2B	+0.027	6B	+0.053
2C	+0.203	6C	+0.041
3A	+0.026	7A	+0.011
3B	+0.025	7B	+0.081
3C	+0.088	7C	+0.185
4A	+0.019	8A	-0.008
4B	+0.331	8B	+0.350
4C	+0.068	8C	+0.244