Jefferson Lab Alignment Group
DATA TRANSMITTAL

TO: J. P. Chen, J. LeRose **DATE:** 01 June 2001

FROM: Jim Dahlberg **Checked:** **# :** A672

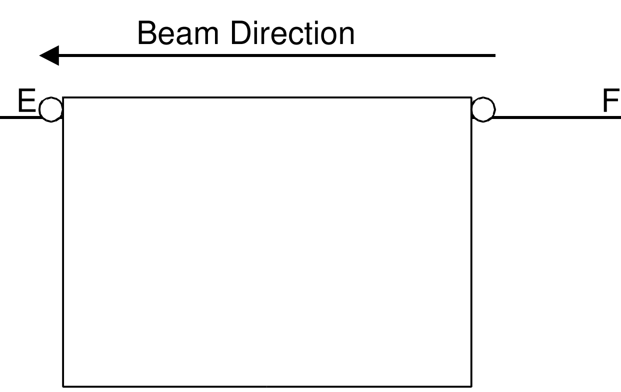
DETAILS:

Below are the results of the Hall A He3 target ladder and compass survey performed on May 10th and 24th, 2001. The numbers shown for the target ladder represent the amount the survey target would have to move (in mm) to be in the ideal location. A negative X is a movement to the beam right, positive Y is up, and positive Z is downstream. The compass measurements are the average of normal and reverse fields.

Target	**Del Z**	**Del X**	**Del Y**
ATGLADE	0.52	0.39	0.67
ATGLADF	–0.18	0.52	0.63
ATGLADG	–0.61	0.24	0.18
ATGLADH	0.54	0.38	0.25
ATGLADI	0.22	0.06	0.88
ATGLADJ	–0.79	0.19	0.76

Compass parallel to beam would have to rotate 0.03deg. ccw to be in ideal position. Compass perpendicular to beam would have to rotate 0.20 deg. cw to be at ideal position.

TARGET LADDER FRAME



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