



# Jefferson Lab Alignment Group

## Data Transmittal

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**Checked:**

**# :** A922

### DETAILS:

Below are the results of the Hall A racetrack target alignment performed on March 29, 2004 for experiment E94-107. The deltas represent the location relative to ideal target centerline in millimeters. A positive X is to the beam left, a positive Y is above, and positive Z is downstream. A repeatability test was performed on fiducial point T01 using the final location as a comparison.

<b>Target</b>	<b>Del Z</b>	<b>Del X</b>	<b>Del Y</b>
Top Target Cell (upst)	-0.10	0.71	-0.03
(dnst)	0.16	-0.39	0.47
Bot Target Cell (upst)	-1.00	0.38	-0.13
(dnst)	-0.59	-0.86	-0.06
4 cm Target Cell (upst)	-304.20	0.90	-0.09
15 cm Target Cell (upst)	-304.56	0.62	0.03
Solid Target #2	-5.20	-1.48	0.00
Solid Target Ladder (TR)	-5.70		
(BR)	-5.02		
(BL)	-4.27		
(TL)	-5.10		
<b>Repeatability check</b>			
Fiducial point T01 (set position)	-306.40	1.04	59.99
Fiducial point T01 (repeat)	-306.21	1.06	60.00