



# Jefferson Lab Alignment Group

## Data Transmittal

**TO:** T. Whitlatch, T. Carstens

**DATE:** 12 Jun 2014

**FROM:** J. Dahlberg

**Checked:**

**# :** D1570

**DETAILS:**

Below are the results from the straightness measurements carried out on the Hall D start counter support structure. As requested, a coordinate system was centered on the inside upstream flange with the +Z axis extending perpendicular from the face of the flange. The +Y axis is upward through the hole marked "top". A +X is to the beam left. Values are in millimeters.

LOCATION	Z	X	Y	DIA
Upstream end AL flange	-10.17	0.00	-0.02	153.18
Upstream inside flange AL (origin)	0.00	0.00	0.00	133.29
Downstream outside flange AL	76.61	-0.03	0.02	138.64
Upstream end of rohacell at AL flange	77	-0.2	-0.3	154.6
Upstream end of rohacell on cone	465	-0.2	-1.3	154.5
Downstream end of rohacell on cone outside	617.8	-0.3	-1.4	72.5
Downstream end of rohacell on cone outside repeat	617.8	-0.2	-1.5	72.9