



Jefferson Lab Alignment Group

Data Transmittal

TO: S. Stepanyan

DATE: 12 Feb 2015

FROM: Jacob Walker

Checked:

: B1592

DETAILS:

Data: Inspection\HallB\SVT\141204A
Step2B\HALLB\SVT\141204A

The following information is relative to a beam following right-handed coordinate system (in millimeters) with a +X to the left, +Y above, and -Z upstream of center. The origin of the coordinate system is at the design straight-through beam located at the geometric Z center of the pair spectrometer magnet ($X = 80.6\text{m}$, $Y = 3.35526\text{m}$, and $Z = -417.756\text{M}$).

SVT INFORMATION (mm)							
Name	Nominal		As-found			Delta	
	X	Y	X	Y	Z	X	Y
1.5 μm foil	64.70	0.00	65.05	-4.07	-457.06	0.35	-4.07
5 μm foil	64.70	0.00	64.41	-4.67	-456.60	-0.29	-4.67
Inside flange foul pt.			59.16	-1.41	-758.19		
Target ladder inside beam right edge			70.08	-7.83	-556.11		