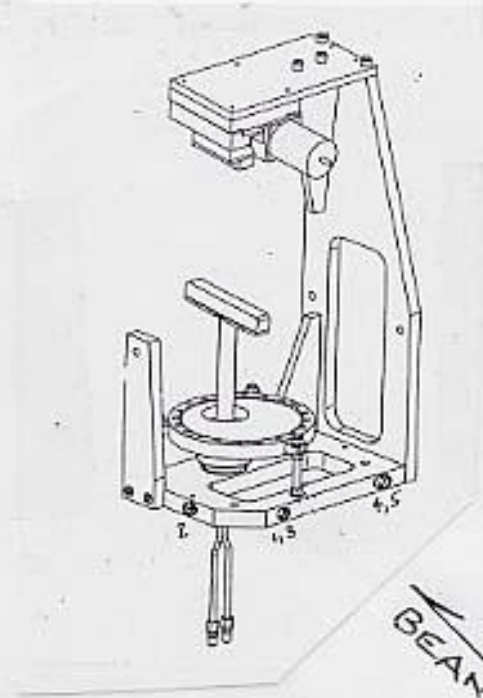


SSRL
BL 7-2,3 BPM



✓ 7/20/05
me

	X	Y	Z
1	+3.634 ✓	-10.517 ✓	-7.966 ✓
2	+7.635 ✓	-10.504 ✓	-1.652 ✓
3	+3.635 ✓	-10.493 ✓	+3.530 ✓
4	-4.596 ✓	-10.517 ✓	-7.968 ✓
5	-4.607 ✓	-10.501 ✓	+3.528 ✓

T/B HOLES WERE SLOPPY HAD 5 T/B
SOCKETS WELDED ON TO FRAME

check
SM

SSRL
BL7-2,3 BPM

8-11-05
M.R., L.G.

⊗ USED WRONG OFFSET 7-19-05
(+278) IS (+) 1.239" NUMBERS FROM 7-19-05

+ .438" 1/2 BPM

(+) 1.239" OFFSET FROM WIGGLER LINE

+1.677
28.947

+30.624 LOS

1) 25.990
1.000

26.990
30.624

+3.634

2) 21.989
1.000

22.989
30.624

+7.635

3) 25.989
1.000

26.989
30.624

+3.635

4) 34.220
1.000

35.220
30.624

-4.596

5) 34.231
1.000

35.231
30.624

-4.607

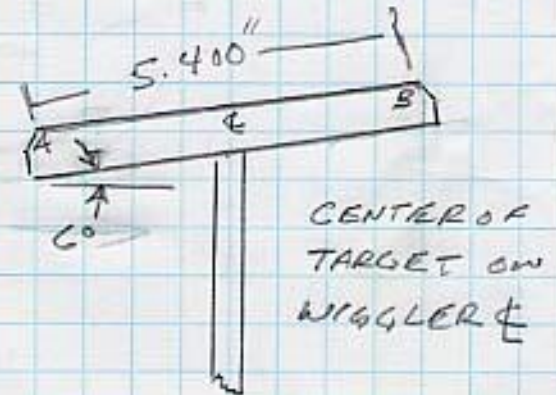
SSRL BL 7-2,3
BPM
LAB DATA

7-19-05
M.R., L.G.

(Y)

$$\begin{array}{r}
 A = -.282'' \\
 (\sin 6^\circ \times 2.700'') \\
 (+) \quad (-) \\
 1.827 \quad 1.828 \\
 \quad 1.828 \\
 (-).282 \\
 \hline
 1.546 \checkmark
 \end{array}$$

$$\begin{array}{r}
 B = +.282'' \\
 (+)(-) \\
 1.264 \\
 \quad 1.264 \\
 (+).282 \\
 \hline
 +1.546 \text{ HL } \checkmark
 \end{array}$$



✓ 7/19/05
mR

$$\begin{array}{r}
 1) 11.063 \\
 \quad 1.000 \\
 \hline
 12.063 \checkmark \\
 \quad 1.546 \\
 \hline
 \boxed{-10.517} \checkmark
 \end{array}$$

$$\begin{array}{r}
 2) 11.050 \\
 \quad 1.000 \\
 \hline
 12.050 \checkmark \\
 \quad 1.546 \\
 \hline
 \boxed{-10.504} \checkmark
 \end{array}$$

$$\begin{array}{r}
 3) 11.039 \\
 \quad 1.000 \\
 \hline
 12.039 \checkmark \\
 \quad 1.546 \\
 \hline
 \boxed{-10.493} \checkmark
 \end{array}$$

$$\begin{array}{r}
 4) 11.063 \\
 \quad 1.000 \\
 \hline
 12.063 \checkmark \\
 \quad 1.546 \\
 \hline
 \boxed{-10.517} \checkmark
 \end{array}$$

$$\begin{array}{r}
 5) 11.047 \\
 \quad 1.000 \\
 \hline
 12.047 \checkmark \\
 \quad 1.546 \\
 \hline
 \boxed{-10.501} \checkmark
 \end{array}$$

TOP OF PLATE

$$\begin{array}{r}
 11.560 \\
 \quad 1.546 \\
 \hline
 10.014 \checkmark
 \end{array}$$

SSRL
BL 7-2,3 BPM
LAB DATA

7-19-05
M.R., L.G.

(Z)

$$\begin{array}{r} 10.154 \\ + .438 \text{ RAD} \\ \hline + 10.592 \text{ LOS } \checkmark \end{array}$$

✓ 7/19/05
MR

1) 11.996 (V-3)

$$\begin{array}{r} 11.996 \\ + .500 \\ \hline 11.496 \checkmark \\ 3.530 \end{array}$$

$$\boxed{-7.966} \checkmark$$

2) 11.244

$$\begin{array}{r} 11.244 \\ + 1.000 \\ \hline 12.244 \checkmark \\ 10.592 \end{array}$$

$$\boxed{-1.652} \checkmark$$

3) 6.062

$$\begin{array}{r} 6.062 \\ + 1.000 \\ \hline 7.062 \checkmark \\ 10.592 \end{array}$$

$$\boxed{+3.530} \checkmark$$

11.996
1-3
4-5
SHAFT
.875 DIA

TOR
 $5.370 / 2 = 2.685$

4) 11.996 (4-5)

$$\begin{array}{r} 11.996 \\ + .500 \\ \hline 11.496 \checkmark \\ 3.528 \end{array}$$

$$\boxed{-7.968} \checkmark$$

5) 6.064

$$\begin{array}{r} 6.064 \\ + 1.000 \\ \hline 7.064 \checkmark \\ 10.592 \end{array}$$

$$\boxed{+3.528} \checkmark$$

W/S END OF TARGET

$$\begin{array}{r} 7.872 \\ + 2.685 \\ \hline 10.557 \checkmark \end{array}$$

ACC# 9317256