

✓ 5/12/05
mr

	X	Y	Z
A	-9.176 ✓	+ .016 ✓	563.098 ✓
B	-9.151 ✓	+ .016 ✓	566.619 ✓
C	+9.711 ✓	- .011 ✓	561.068 ✓
D	+9.743 ✓	- .011 ✓	568.554 ✓

SSRL
BL 9 BPM
LAB DATA

4-29-05
J.M., L.G.

^{change}
 (X) (+) 1.244 to & TARGET BODY from WIGGLER LINE
 (+) 1.438 to SIDE OF BODY
 + 1.682
 YAW + 2.2 mrad TARGET TO WIGGLER LINE
 $3.090 \times .0022 = .007''$

+ 1.675 LOS
 37.000 REF. BLADE
 38.675 = WIGGLER LINE
 11.000
 + 27.675 LOS for L, D.

U/S EDGE
 1.682
 (-) .007 YAW
 1.675
 1.000 READ
 1.675 LOS

D/S EDGE
 1.682
 (+) .007
 1.689
 + 1.014 READ
 1.675 LOS

58.200 BACK
 38.675 &
 - 19.525 LOS for A, B

<p>A) 9.349 1.000 10.349 19.525 -9.176</p>	<p>B) 9.374 1.000 10.374 19.525 -9.151</p>	<p>C) 16.964 1.000 17.964 27.675 +9.711</p>	<p>D) 16.932 1.000 17.932 27.675 +9.743</p>
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SSRL
BL9 BPM
LAB DATA

4-29-05
J.M., L.G

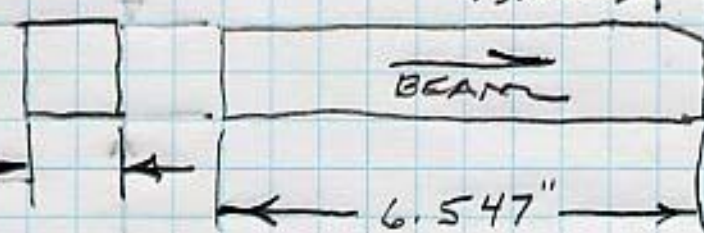
(Y)

check
Jim

$$\begin{array}{r} 6.547 \\ - 1.370 \\ \hline 6.177 \end{array}$$

To TOP
EDGE

1.875



PITCH $6.177 \times \sin 10^\circ = 1.073''$

#'S FROM QC SHEET

+0.007 ABOVE TOP EDGE
1.073

1.080 S/R TO BOTTOM
1.080

Q $\frac{1}{2}$ NO ROLL

21.357 REF

31.322

(+) 1.007 ABOVE TOP
EDGE

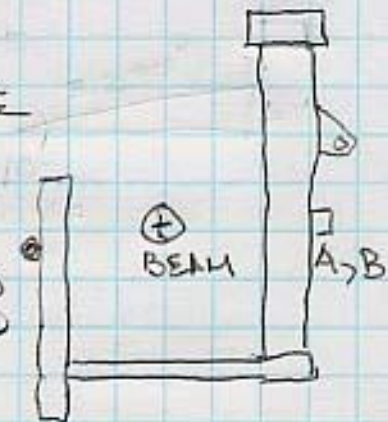
21.350 = TOPEdge

31.322 GUNZ

+9.972 ABOVE TOP
EDGE

(-) 15.37 (to WIG. H/D)

10.509 HI



A) 9.493

1.000

10.493

10.509

+0.016

B) 9.493

1.000

10.493

10.509

+0.016

C) 9.520

1.000

10.520

10.509

-0.011

D) 9.520

1.000

10.520

10.509

-0.011

check JM

SSRL
BL 9 BPM
LAB DATA

5-27-05
J.M., L.G

③ USED WRONG VALUE FOR STEM ON 4-29-05

23.505 READ W/S OF STEM

1.440 RAD

-23.945

545.625 Z FOR ϕ OF STEM

541.680 LOS

A) 20.596
1.000

21.596
541.680

563.276

B) 24.117
1.000

25.117
541.680

566.797

C) 18.566
1.000

19.566
541.680

561.246

D) 26.052
1.000

27.052
541.680

568.732

③ CHECK OF W/S FACE OF TANK (AT RANDOM LOCATION)

541.680 LOS

560,000 W/S FACE "Z"

18.320 S/R

(+)

18.385

+065

(-)

18.425

+105

TOP

19.395

+075

BOTTOM

18.413

+093

SSRL
BL 9 BPM
CHECKING TANK

4-29-05
J.M., L.G.

(Y) 710.509 HI

INSERT 11.570 ϕ 5.785 RAD.

$$\begin{array}{r} u/s) 10.509 \\ \underline{5.785} \\ 4.724 \end{array}$$

$$\begin{array}{r} (+) 11.500 \\ \underline{3.224 \text{ s/r}} \\ 3.220 \\ \boxed{+1.004} \end{array}$$

$$\begin{array}{r} d/s) 10.509 \\ \underline{5.785} \\ 4.724 \end{array}$$

$$\begin{array}{r} (+) 11.500 \text{ off set} \\ \underline{3.224 \text{ s/r}} \\ 3.227 \\ \boxed{-003} \end{array}$$

(X) -19.525 LUS

$$\begin{array}{r} u/s) 19.525 \\ \underline{5.785} \\ 13.740 \end{array}$$

$$\begin{array}{r} (+) 1.500 \\ \underline{14.240 \text{ s/r}} \\ 14.352 \\ \boxed{+112} \end{array}$$

$$\begin{array}{r} d/s) 19.525 \\ \underline{5.785} \\ 13.740 \end{array}$$

$$\begin{array}{r} (+) 1.500 \\ \underline{14.240 \text{ s/r}} \\ 14.375 \\ \boxed{+135} \end{array}$$

$$\begin{array}{r} 541.502 \text{ LUS} \\ \underline{560.000 \text{ u/s FL "2"} } \\ 18.498 \text{ s/r} \end{array}$$

$$\begin{array}{r} (+) \\ 18.385 \end{array}$$

$$\boxed{-113}$$

$$\begin{array}{r} (-) \\ 18.475 \end{array}$$

$$\boxed{-173}$$

$$\begin{array}{r} Tot \\ 18.375 \end{array}$$

$$\boxed{-173}$$

$$\begin{array}{r} Bottom \\ 18.413 \end{array}$$

$$\boxed{-085}$$