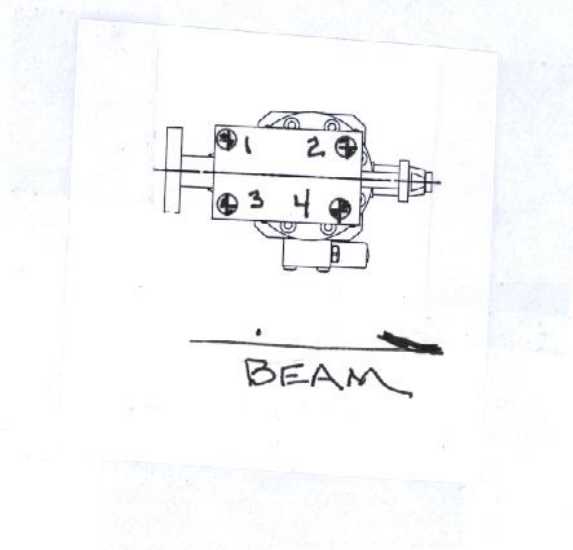


SPEAR 3
3S STRAIGHT
TUNE DUMP

9-09



	X	Y	Z
1	-2.837	1.065	1.987
2	-2.827	1.051	6.038
3	-2.830	-1.072	1.993
4	-2.823	-1.114	6.039

SPEAR3 3S
BTS

9-11-09

J.M., L.G.

TUNE DUMP

(X)

D(S) .665R
u(S) .947R

15.426

1.000 REF

$$\begin{array}{r} 15.426 \\ + 1.000 \\ \hline 16.426 = \text{REF} \end{array}$$

14.700
~~14.425~~
15.500
15.070

14.736 STR
~~14.454~~ STR
459

14.7615R
14.4795R

- 15.426 LOS

GRID

$$\boxed{-0.032}$$

1) 11.589
1

$$\begin{array}{r} 12.589 \\ 15.426 \end{array}$$

$$\boxed{-2.837}$$

2) 11.599
1

$$\begin{array}{r} 12.599 \\ 15.426 \end{array}$$

$$\boxed{-2.827}$$

3) 11.596
1

$$\begin{array}{r} 12.596 \\ 15.426 \end{array}$$

$$\boxed{-2.830}$$

4) 11.603
1

$$\begin{array}{r} 12.603 \\ 15.426 \end{array}$$

$$\boxed{-2.823}$$

(-) SIDE BODY

14.092
15.426

$$\boxed{+1.334}$$

(+) SIDE FLANGE

19.806
.500

$$\begin{array}{r} 20.306 \\ 15.426 \end{array}$$

$$\boxed{-4.880}$$

SPEAR 3 3S
BTS

9-11-09

B.R., J.M., L.G.

TUNE DUMP

(Y)

$$\begin{array}{r}
 u/s) .947 R \\
 \underline{15.255} \\
 16.202
 \end{array}
 \quad
 \begin{array}{r}
 D/s) .665 R \\
 \underline{15.545} \\
 16.210
 \end{array}$$

u/s) 1.894

D/s) 1.330

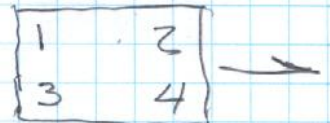
+) 4.125 / 2.063

$$\begin{array}{r}
 15. - 16.206 HI \\
 19.422 REF. \\
 \underline{\quad\quad} \\
 3.214 = \phi
 \end{array}$$

2.063R Roll taken out on GRID *

GRID

$\boxed{-0.035}$



16.206 HI

$$\begin{array}{r}
 1) 14.141 \\
 \underline{15.141} \\
 16.206 \\
 \boxed{+1.065}
 \end{array}$$

$$\begin{array}{r}
 2) 14.155 \\
 \underline{15.155} \\
 16.206 \\
 \boxed{+1.051}
 \end{array}$$

$$\begin{array}{r}
 3) 16.278 \\
 \underline{17.278} \\
 16.206 \\
 \boxed{-1.072}
 \end{array}$$

$$\begin{array}{r}
 4) 16.320 \\
 \underline{17.320} \\
 16.206 \\
 \boxed{-1.114}
 \end{array}$$

SPEAR 3 3S
BTS

9-11-09

J.M., L.G.

(Z)

TUNE DUMP

10.600 READ FACE OF U/S FLANGE

FACE OF U/S
FL. = Z Ø

- 10.600 LOS

(+) FL

13.278

1) 11.587

1
12.587
10.600

+1.987

2) 15.638

1
16.638
10.600

+6.038

3) 11.593

1
12.593
10.600

+1.993

4) 15.639

1
16.639
10.600

+6.039

ACC#

9525027

SA44415310