

$$12 = 200$$

$$12.02 = 200.27$$

Slope at mid = $\frac{61}{126}$

$$\frac{61}{126} \times 200 = 96.66$$

$\frac{61}{64} \times 16.66$ inches/foot

Increase in diam at AP

$$= \frac{61}{64} \times 16.66 \times .67$$

$$= .38"$$

Increase at $\frac{1}{3} = \frac{2}{3} \times .38 \times \frac{5}{6} = .21 \checkmark$

$$\frac{2}{3} = \frac{1}{3} \times .38 \times \frac{4}{6} = .08 \checkmark$$

$$.11 \times \frac{1}{2} \times \frac{4}{5}$$

Slope at fore end $\frac{120}{64} \times 200 = \frac{120}{64} \times 16.66$

Decrease at AP = 0

$$at \frac{1}{3} = \frac{2}{3} \times \frac{120}{64} \times 16.66 \times \frac{.67}{6} = .184 = .08$$

$$at \frac{2}{3} = \frac{1}{3} \times \frac{120}{64} \times 16.66 \times \frac{.67}{3} = .084 = .08$$

+	-	+	-
.38	1	.38	-
.21	4	.84	
.08	2	.16	
	1		
.08	2		.16
.08	4		.32
	1		
		1.38	.48
		.08	
		1.46	
		1.90	



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