

Miss Craggs No 88 - Vessel

Two Steel Main Trilars (Aluminum Westport Bay No 38)

Diameter 12' - 6"

Length 10' - 4 1/2"

Walking Press: 160 lbs.

$$\left\{ \begin{array}{l} \text{Plate} \quad \frac{7.75 - 1.125}{7.75} \times 100 = \underline{\underline{85.4\%}} \\ \text{"} \quad \frac{3.875 - 1.125}{3.75} + \frac{1.8994 \times 1.75 \times 85}{7.75 \times 1.09375} = \underline{\underline{84.8}} \\ \text{Ribs} \quad \frac{5 \times .994 \times 1.75 \times 85}{7.75 \times 1.09375} = \underline{\underline{87.2}} \end{array} \right.$$

$$\text{Shell 1} - \frac{360 \times 1.09375 \times 84.8}{150} = \underline{\underline{160.5 \text{ lbs}}}$$

$$\text{Top of Ends 1} - \frac{140 \times 256}{210.25} = \underline{\underline{170 \text{ lbs.}}} \quad \text{Stays in Same 1} - \frac{3.976 \times 8000}{210.25} = \underline{\underline{170 \text{ lbs.}}}$$

$$\left. \begin{array}{l} \text{Back of} \\ \text{Ribs} \end{array} \right\} - \frac{120 \times 144}{105.06} = \underline{\underline{164 \text{ lbs}}} \quad \text{Stays in Same 1} - \frac{1.485 \times 8000}{(5.125 + 3.875) \times 7.75} = \underline{\underline{170}}$$

$$\left. \begin{array}{l} \text{Camber Cls} \\ \text{Ribs} \end{array} \right\} - \frac{120 \times 87}{60.06} = \underline{\underline{161.8 \text{ lbs}}} \quad \text{Stays " " } - \frac{1227 \times 8000}{60.06} = \underline{\underline{163 \text{ lbs}}}$$

$$\text{" " Ribs 1} - \frac{120 \times 90.25}{64} = \underline{\underline{169 \text{ lbs}}} \quad \text{Stays " " 1} - \frac{1.485 \times 8000}{64} = \underline{\underline{185 \text{ lbs}}}$$

$$\text{Turnais 1} - \frac{1000 \times (9.5 - 2)}{45.375} = \underline{\underline{165 \text{ lbs}}}$$

$$\text{Guide Stays 1} - \frac{4000 \times 4225 \times 1.75}{(27 - 8) \times 7.5 \times 27} = \underline{\underline{172 \text{ lbs}}}$$



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