

## Alure Notes

# A-lure Speed/Power Chart

Unlike heavier, less economical production boats, A-LURE can achieve high speeds with lower power requirements because of technologically advanced construction in either plywood or aluminum, two of the lightest and strongest of boatbuilding materials. With either material, a wide variety of powering options and speeds is possible. Use an inboard gasoline or diesel engine driven through either an I/O or V-drive. Twin inboards can also be used but are not detailed and may require a motor box. Although there is no horsepower limit, there is an engine/drive unit weight limit at the designed waterline: 600-1200 lbs. for the I/O option, 800-1400 for the V-drive option. Outboards or other transom mounted drive systems can be used, but are not detailed.

<b>L.O.A. = 25' 2", L.W.L. = 20' 8"</b> <b>Displacement = 6448</b>	
<b>SHP</b>	<b>SPEED/KNOTS</b>
57	13.5
78	15.8
100	18
128	20
157	22.5
230	27
310	31.5
405	36
515	40.5

All speeds are listed in KNOTS PER HOUR. To convert to miles per hour, divide by .87. Horsepower is listed in SHAFT HORSEPOWER (SHP). Since motors are usually rated in BRAKE HORSEPOWER (BHP), it will be necessary to reduce BHP to SHP. Multiply the BHP by .75 in order to determine the approximate SHP.