



# Catalyst

**Home Port:** McConnell Island, WA  
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## Hull:

**Type:** Skipjack  
**Purchased:** 1999  
**Launched:** 2002  
**Hull Builder:** Gene Kester  
**Material:** Fiberglass  
**LOA:** 25.5 feet  
**LWL:** 22.5 feet  
**Beam:** 6.9 feet  
**Draft:** 2 feet  
**Capacity:** 6 adults  
**Speed:** 6.3 knots  
**Weight:** 4500 lbs.

## Engine:

**Type:** Compound  
**Built:** 1967  
**Builder:** Russ Hibler  
**Number of Cylinders:** Two  
**Bore & Stroke:** 3"+ 6"x 4.5"  
**Valve:** "D" Slide  
**IHP:** 7  
**RPM:** 300  
**Reverse Type:** Stephenson  
**Condenser Type:** Keel, 1.25" Copper  
**Condenser Size:** 4.6 Sq. Ft.  
**Vacuum:** 21"

## Propulsion:

**Diameter & Pitch:** 22" x 35"  
**Number of Blades:** Three  
**Material:** Bronze  
**Make:** Unknown  
**Right or Left Hand:** Right Hand  
**Shaft Size:** 1.375" Diameter  
**Steering:** Hydraulic  
**Auxiliaries:** -

## Boiler:

**Type:** Babcock & Wilcox  
**Bhp:** N/A  
**Overall Size:** 28" x 37" x 36"  
**Heat Surface:** 65 Sq. Ft.  
**Fuel:** Oil  
**Pump Type:** Hypro Piston

**Builder:** AVL  
**Operating Pressure:** 150 psi  
**Number of Tubes:** N/A  
**Economizer HS:** 4 Sq. Ft.  
**Grate Area:** N/A  
**Injector Type:** Penberthy

**Year Built:** 2000  
**Gauges:** Three  
**Size of Tubes:** N/A  
**Superheater HS:** None  
**Stack Dia. & Height:** 12" Dia. x 5.5'  
**Tanks:** 40 gallons

**Other:** Catalyst's hull was constructed using pre-made fiberglass panels and bending them over a wood frame. Her engine, called a "Wasp Island Compound," was designed by the builder's brother, Tommy Thompson, while an engineering student at the University of Washington.

