



# Advance (A.K.A. Hissy Fit)

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

**Type:** Canoe Stern  
**Material:** Fiberglass  
**Hull Builder:** Fisherboat of G.B.  
**Purchased:** 1972  
**Launched:** 2002  
**LOA:** 19 feet  
**LWL:** 16.5 feet  
**Beam:** 6.6 feet  
**Draft:** 3 feet  
**Capacity:** 6 adults  
**Speed:** 5 knots  
**Weight:** 2000 lbs.

## Engine:

**Type:** Compound  
**Built:** 1867  
**Builder:** Unknown  
**Number of Cylinders:** Two  
**Bore & Stroke:** 2"+ 3.3125" x 4"  
**Valve:** Piston  
**IHP:** 6  
**RPM:** 450  
**Reverse Type:** Stephenson  
**Condenser Type:** Keel, 1" Copper  
**Condenser Size:** 1.65 sq. ft.  
**Vacuum:** 18"

## Propulsion:

**Diameter & Pitch:** 14" x 16"  
**Number of Blades:** Three  
**Material:** Bronze  
**Make:** Unknown  
**Right or Left Hand:** Right Hand  
**Shaft Size:** 1.125" Diameter  
**Steering:** Tiller

## Boiler:

**Type:** Vertical Fire Tube  
**Bhp:** -  
**Overall Size:** 32" in diameter x 30"  
**Heat Surface:** 30 Sq. Ft.  
**Fuel:** Propane  
**Pump Type:** Cat-Piston

**Builder:** Mietzner  
**Operating Pressure:** 150 psi  
**Size of Tubes:** 0.75" i.d.  
**Economizer HS:** None  
**Grate Area:** N/A  
**Injector Type:** None

**Year Built:** 1992  
**Gauges:** Two  
**Number of Tubes:** 118  
**Superheater HS:** None  
**Stack Dia. & Height:** 6" Dia. x 4'  
**Tanks:** -

**Other:** Advance's engine reportedly came off a small passenger craft in Alaska, and may be of Russian origin. Engine speed is stepped up to propeller shaft 35:16 by chain and sprocket

