



Cluaran



Home Port: Hood River, Oregon

Owner(s): Russ and Katherine Noe

Phone: (206) 734-5862

Hull:

Type: Thistle

Purchased: April 2019

Launched: 1964(?)

Hull Builder: Unknown in Cleveland, Ohio region

Material: Cold-molded

Mahogany plywood

LOA: 17 feet

LWL: 17 feet

Beam: 6 feet

Draft: 2 feet

Capacity: 4 adults + 2 kids

Speed: 6+ knots

Weight: 1000 lbs.

Engine:

Type: Steeple Compound

Built: 1964(?)

Builder(s): Cliff Blackstaffe & Eric Wood

Number of Cylinders: 2

Bore & Stroke: 1.5" & 3.0" x 2.5"

Valve: "D" slide

IHP: 2

RPM: 400

Reverse Type: Stephenson

Condenser Type: Keel

Condenser Size: 0.8 sq. ft.

Vacuum: Sufficient

Propulsion:

Diameter & Pitch: 16" x 20"

Number of Blades: 3

Material: Bronze

Make: "Columbian"

Right- or Left-Hand: Right-Hand

Shaft Size: 1.25" dia.

Steering: Cable

Auxiliaries: None yet

Boiler:

Type: Blackstaffe

Bhp: 2 h.p.(?)

Overall Size: 17" x 17" dia.

Heat Surface: 10 sq. ft.

Fuel: Diesel oil (designed for kerosene)

Pump Type(s): Piston: Hand, Mechanical on Engine

Builder: Bill Paulsoulich (Port Ludlow, WA)

Operating Pressure: 125 psi.

Number of Tubes: 12 coils

Economizer HS: 1.8 sq. ft.

Grate Area: N/A

Injector Type: None

Year Built: 2017

Gauges: 3

Size of Tubes: 1/2" o.d.

Superheater HS: None

Stack Dia. & Height: 5" dia. x 4.5 ft.

Tanks: Oil = 9 Gallon, Water = 3 Gallon

Other: This hull was built (in Cleveland, OH?) to Thistle sailboat plans, and modified as a steamboat hull. It never was a sailboat, and never had a national Thistle hull # assigned. Based on photos from a 1965 issue of *Light Steam Power* magazine, published in the UK, it has survived without significant modifications all these years. The name "CLUARAN" is Gaelic for "Thistle", fitting as this boat was designed in 1945 by boat builders Douglass and McLeod.

Bill Paulsoulich (Port Ludlow, WA) acquired the steamboat via an auction in about 2015, and rebuilt the hull, R & Rd the engine, and built a new boiler to the Blackstaffe design inside the original casing. He steamed it once on its trailer before he unexpectedly passed away in 2018. I acquired the unfinished project (missing many power plant parts...) in April, 2019 and finished the rebuild in early 2020. Having owned and sailed Thistle sailboat #1419, and I greatly appreciate this *steam* version, one of only three such modified Thistles I have identified. She steams along swiftly!

