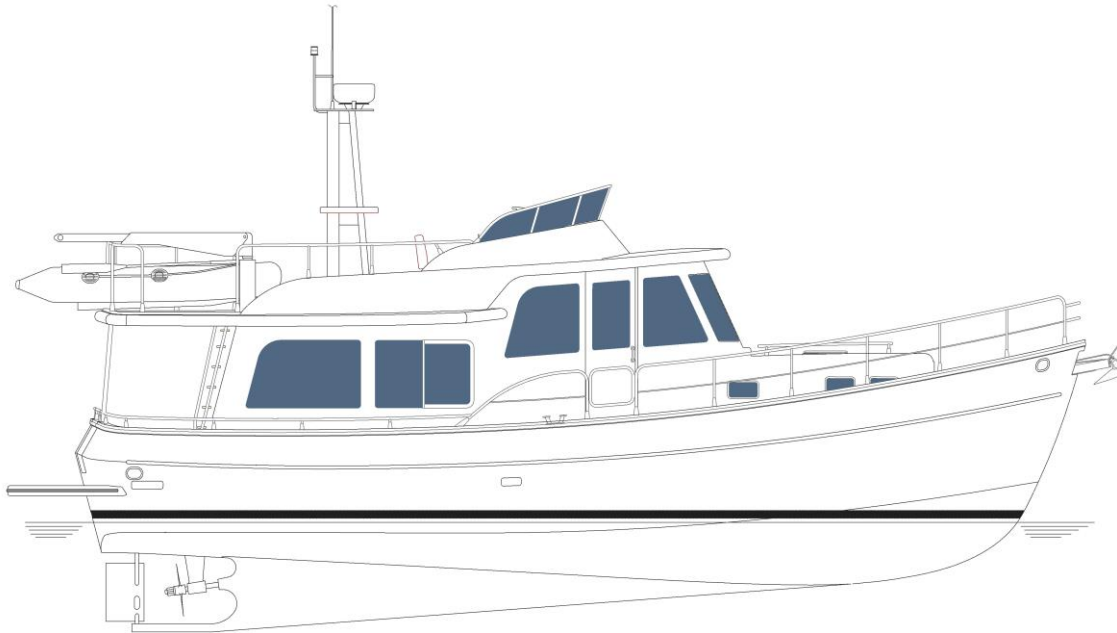


EAGLE 41 PILOTHOUSE MOTORYACHT

SPECIFICATIONS

JANUARY 2014



LOA: 14.015 m – 46'
LH: 12.75 m – 41'10"
BEAM: 4.45 m - 14' 6"
L.W.L.: 11.69 m - 38' 4"
DRAFT WITH KEEL: 1.39 m - 4' 7"
DISPLACEMENT: 13.9 ton – 30,650 POUNDS
WATER CAPACITY: 300 US GALLONS
FUEL: 500 US GALLONS
ENGINES: CUMMINS QSB6.7-250 HP ELECTRONIC DIESELS
ZF MATHERS 80A ELECTRONIC GEAR



BUILDERS:
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REF: #1\Boating\Boat Specifications\Eagle 41\E41 specs 14A

HULL & DECK -

The hull is a "semi-planing" hard chine design with keel skeg constructed of solid, hand laminated FRP incorporating a bonded internal hull grid. The one-piece deck & house unit uses plastic honeycomb and plywood structural coring as required.

PROPULSION, ENGINE ROOM & BILGE -

A single Cummins QSB6.7-250 hp electronic diesel engine with 12 volt, ZF Mathers 80A Electric shift with 2.50:1 ratio; 160 amp, 12 V. alternator; Racor 900 FG-2 separator/ filter; 6" Vernatone FRP silencer; raw water strainer; USCG & EU approved, flexible, fuel lines are provided. The engine is installed on galvanized steel, saddles mounted on molded engine beds. A clamp – type coupling connects the 2" Aquatech 17 st/st prop shaft that exits the keel through a PYI dripless shaft seal to a 4 blade, bronze prop; a 12 V blower expels hot air. Other equipment includes: 120 V duplex receptacle; 2 each 1700 GPH 12V bilge pumps w/ auto & manual switches; a manual bilge pump; & fluorescent overhead lights.

The stainless steel rudder is fitted so it is possible to pull the prop shaft without removing the rudder.

Twin engines & larger single engines are optional.

A high-density foam layered with lead sheet, insulates against sound & heat & is enclosed w/ sheets of rigid, perforated, aluminum.

Hydraulic steering line fittings for auto pilot connections are provided.

TANKAGE -

2 x 250 U.S. gal. FRP Fuel Tanks installed port & starboard, below the saloon floor.

2 x 150 U.S. gal. FRP Water Tanks installed port & starboard, outboard of the engine under the pilothouse.

Tanks are molded FRP with gel-coated inner surfaces and are baffled with inspection/clean out plates.

HELM STATIONS -

Pilothouse & Flybridge stations have full engine instruments & ZF Mathers electronic engine controls. Steering is powered by a Hynautic hydraulic system using a hydraulic ram & pressured reservoir & copper hydraulic lines.

FRESH WATER SYSTEM -

The pressurized fresh water system utilizes a 12 volt automatic pump, a 11 U.S. gal. water heater, fitted with both a heating element and engine heat exchanger.

WASTE WATER SYSTEM -

An automatic electric bilge pump and a manually switched shower sump pump discharge shower & sink waste/bilge water directly overboard. The galley sink drains directly overboard.

A 25 U.S. gallons toilet holding tank with both deck pump-out fitting and gravity, waterline drain are standard items.

ELECTRICAL SYSTEMS -

A 12 V. D.C. battery system and a 120 V.A.C. system and 30 amp shore power receptacle with 30amp galvanic isolator are installed. A gen set is optional. A Blue Sea main circuit breaker panel with amp and volt meters for both A.C. and D.C. systems and a master battery switch are installed in the pilothouse. Three 200 AH heavy duty, 12 volt lead-acid batteries are provided in covered FRP boxes. Zinc anodes installed on the transom are connected to the grounding system. Wiring & a 75 amp breaker for an optional windlass are installed.

Cabin lighting is 12 V.D.C. with bulkhead and dome lights fitted throughout the interior.

International navigation lights, electric, trumpet type horn & windshield wiper are standard items.

VENTILATION & ACCESS -

There are 7 fixed bonding windows in the pilothouse. 6 opening, Lewmar screened ports are in the forward cabin, trunk sides providing light and air to the forward living quarters. Saloon lighting & ventilation is provided by 3 fixed bonding windows & 2 aluminum frame sliding windows. Tempered Safety glass is used in all windows.

The forward cabin trunk is fitted with one 20" x 20" Lewmar deck hatch giving this area a generous amount of light and air.

2 Sliding aluminum doors in pilothouse with glass windows and interior teak insert are fitted on both sides of the pilothouse. Aft full height aluminum saloon door on the saloon aft bulkhead for access between saloon and cockpit.

MASTER STATEROOM -

The Master S/R is located forward of the pilothouse. A queen size, 5" thick, vinyl covered, island berth provides an easily accessed berth with drawers & locker underneath. Port side drawers and stbd hanging locker & cabinet provide good storage inside the s/r. Long, port & starboard bookshelves are installed above the berth on hull liner. Four opening ports and one deck hatches provide light and air.

GUEST STATE ROOM -

The Guest S/R is located aft of the Master S/R and to starboard of the forward passageway. Two single berths with 5" foam, fabric covered mattress, provides upper & lower single berths. Upper berth folds up against wall and a St/st ladder is provided. A hanging locker and a drawer are provided under upper berth. An opening port provide light and ventilation.

STANDARD WASHROOM -

A stall shower, washbasin, mirrored door medicine cabinet, electric marine toilet & holding tank are included. The bulkheads are off-white FRP for easy in cleaning. Ventilation is provided by an opening port in the shower.

FLYBRIDGE -

- S/S destroyer type helm at upper helm & full instrumentation
- Pedestal helm seat
- Molded sunbed/seats with interior storage
- Vinyl covered, 4" thick seat cushions
- Non-skid FRP deck
- 1-1/4" S/S double safety rail around upper deck & around hatch to main deck.
- Folding, aluminum mast painted off-white w/radar base & spreader lights.
- Hatch over aft access ladder to main deck.
- Door & hatch between upper deck and stairs to PH.

PILOTHOUSE -

Full instrumentation, engine controls, a large chart table, overhead console for electronics and a teak rimmed stainless wheel give a ship-like feeling. An adjustable height, pilot seat is included.

The engine room is entered by lifting the stairs at passage way; the engine is under the pilothouse sole. All of the sole is insulated and is removable partially.

P&S, Aluminum, sliding doors allow easy access to walk around decks. The sole has a "teak and holly" planked finish.

The settee forward section pulls out to make into an off-watch berth, when the table is lowered. It can be enclosed with an optional, full curtain to provide greater privacy.

GALLEY -

A "cook-friendly," U shaped" galley with double St/st sinks, centered in a white corian counter provides ample space for preparing meals or snacks. A large enclosed space under the outboard end of the counter holds several days of accumulated trash. An exhaust fan can be installed just forward of the window. Fitted dinnerware compartments, drawers, wine glasses rack, & overhead and under counter lockers provide enough space to store a lot of supplies & cooking equipment.

The microwave; refrigerator and range compartment has AC/DC power.

SALOON -

6 people can sit on the vinyl covered, 5" thick settees on both sides of the teak dining table.

Cabin soles are teak & holly with some removable sections.

MATERIALS & FINISHING -

Throughout the yacht, excepting the washroom, the soles are veneered with teak and holly; bulkheads, cabinets, doors, interior window frames and drawer fronts are finished in both solid and veneered teak.

Overhead and ceiling liners are covered with removable, padded, sound dampening, panels of off-white vinyl or FRP.

All sliding and fixed windows are made of tempered safety glass.

MATERIALS & FINISHING -

White corian is installed on galley counters. The washroom counter is molded FRP and holds a St/st sink, but optional granite or marble counters are available.

The interior teak is finished with satin finish varnish.

The bilge area is painted with 2 coats of white epoxy paint.

Vinyl upholstery is used throughout the yacht; optional cloth upholstery & curtains are available.

MAIN DECK -

The main deck surface, is molded, FRP, non-skid texture. Inner bulwarks are molded in off-white FRP.

A settee with cushion is molded on the fwd end of the fwd cabin roof.

COCKPIT -

Available space for generator installation.

LAZARETTE -

Steering system components
GFCI 120 V.A.C. duplex outlet
St/st ladder into lazarette
Optional generator and accessories
FRP silencer
3 x 200 amp batteries in covered battery boxes

DECK & HULL FITTINGS & HARDWARE -

#316 stainless steel hardware, sized to the unexpected conditions sometimes encountered in offshore boating, is used on exterior hardware. Standard items are listed below:

- Bow anchor roller
- St/st protective plate on hull below anchor roller
- Bow mooring bitt
- Bow & stern bulwark chocks & mooring cleats
- Midships bulwark chocks with mooring ears
- Bulwark and cockpit scuppers
- 1-1/4" dia. St/St bow pulpit & double rail lifelines with port & starboard gates
- Teak & St/st ladder to flybridge from cockpit
- FRP swimming platform with locker for a St/st folding swim ladder.
- Teak flagpole & St/st socket
- 30 Amp St/st receptacle for shore power
- Balanced St/st rudder (2 w/twin engines)
- PYI dripless shaft seal
- 2" Aquatech #17, St/st shaft
- 4 blade, brass, LH propeller
- Bronze seacocks below water line
- Complete bonding system
- Emergency tiller and deck plate over rudder stock
- American Standard plumbing fixtures

OPTIONS NOT SHOWN ON THE OPTIONS LIST -

- Bimini top for upper deck
- Stern pulpit
- Twin & single engine options
- 220 VAC wiring
- 24 VDC wiring in lieu of 12 VDC
- Dual Racor fuel/water separators
- Galley range w/ oven & refrigerator
- Sliding doors on galley cabinets
- Gas struts under master stateroom berth base for easy lifting

(See Option List for More Details)

FOR SHIPMENT -

- Yacht is secured in a steel cradle & is fully covered.