

# Specifications – Kelly Peterson 46 – *FALCON VII*

---

## Owner's Comments:

Falcon VII is one of the legendary Kelly-Peterson 46's. Her H.I.N. is JKY46004-1082. Only 30 of these center-cockpit offshore cruisers were built, and they remain a much sought-after, well-built and capable yacht. Doug Peterson, the designer, and Jack Kelly, the builder, spent much time researching and implementing improvements to the more than 200 KP44's they had built. The result is the KP46.

With her 41 foot waterline, her low wetted surface for a cruising boat and her wine glass transom, she is solid and speedy on all points of sail. We have logged speeds under sail of over 7 knots pushing hard to weather and of close to 9 knots off the wind. 180 mile days are common on these boats and 200 mile days are not unheard of. Under power, she cruises at 7.3 knots at 2,100 rpm.

Falcon VII has been upgraded continually since we purchased her from her second owners, including re-powering, new sails and all new wiring/electrical. Virtually all of her systems have been replaced within the last few years.

We have owned Falcon VII for eight years and she always conveys a feeling of security and comfort to those on board. From the chilly waters of Icy Strait in Alaska to the sun-drenched beaches of Mexico, she has taken us swiftly and safely from one adventure to another. She is easily handled by a cruising couple (we are in our 60's) and yet is spacious and comfortable enough to allow you to host family and guests. Due to family commitments, we must reluctantly allow her to continue with new owners at the helm, and to head for new horizons.

## Specifications

**Year built:** 1982

**Builder:** Jack Kelly Yachts, San Diego

**Yard:** Queen Long Marine, Taiwan (builders of Stevens and Hylas Yachts)

**Designer:** Doug Peterson

### Dimensions:

- LOA – 46' 3"
- LWL – 40' 10"
- Beam – 13' 4"
- Draft – 6' 8"
- Dry weight – 33,300 lbs.
- Ballast (lead encapsulated in keel) – 11,330 lbs.
- Sail area – 1,100 sq. ft.
- Power – Inboard diesel

**Construction:** Hand-laid fiberglass hull with Airex cored decks

**Hull configuration:** Moderate fin keel with skeg-hung rudder. Hull speed – 8.8 knots

**Engine:** 75 HP diesel with 1,100 hours (*Yanmar 4JH4-TE* with *ZF 30M* gear) – new in 2012

**Propeller:** Four blade, feathering (*Max Prop*) – new in 2012

**Tanks:**

- Fresh water – 4 (200 gallons)
- Fuel – 2 (150 gallons)
- Holding – 2 (40 gallons)
- Portable – 12 gallons gas, 10 gallons diesel

**Accommodations:**

- Single berths – 2
- Double berths – 2
- Cabins – 3
- Heads – 2

## Equipment List

**Electronics:**

- VHF radios – 1 command mic in cockpit (*Icom M504*), 1 radio at navigation station (*Icom M504*), 1 hand-held radio (*Standard Horizon HX300*)
- SSB radio (*Icom M802*) with Pactor modem (*P4Dragon*) and lap-top computer
- Depth sounders – 1 high power (*Standard Horizon FF525*), 1 fish finder (*Eagle 350c*)
- Chart plotter (*Standard Horizon CP590*)
- Radar (*Furuno 1712*)
- GPS – 1 at navigation station (*Furuno GP-32*), 1 integral to chart plotter, 1 hand-held (*Garmin 76Cx*)
- AIS (*Icom MXA5000*)
- Stereo with speakers in salon, aft cabin and cockpit (*Pioneer DEH1900*)
- Satellite radio (*Sirius S6*)
- Barometer, recording, electronic (*Nasa Marine Meteoman*)
- Autopilots – 1 primary (*Simrad AP26*), 1 backup (*Simrad TP10*)
- Compasses – 1 primary (*GlobeMaster SP-5*) 1 hand-held (*Autohelm*), 1 hand-held (*Silva 70*)
- Wind speed and direction monitor (*Simrad IS20*)

**Electrical equipment:**

- Battery charger and pure sine wave 2,000 watt inverter (*Magnum MS2012*)
- Alternator – 210 amp (*Balmar 95 series*) and 80 amp (*Hitachi*)
- Regulator (*Balmar MC-612-dual*)
- House battery bank – eight batteries, 900 amp/hour capacity (*Trojan T-105's*)
- Start battery (*G-27*)
- Shore power inlet and cord (*Marinco 30 amp*)
- Galvanic isolator (*Guest 2433*)
- Generator – 2 KW (*Honda EU 2000i*)
- Pressure water system (*Flojet R4515*)
- Hot water tank – stainless steel (*Allcraft V9SS*)
- Water maker – 13 GPH (*Ech2oTec 260-DML-1*)

- Electric oil change pump (*Jabsco 17830*)
- Bow thruster (*Lewmar TT140-300*)
- Solar panels – 300 watts with remote monitors (*Morningstar Sunsaver Duo*)
- Wind generator (*Air Marine 400 watt*)
- Spreader lights – L.E.D.
- Fog horn and hailer (*Icom M504*)

#### Sails:

- Main sail – fully battened with 3 reef points, on Strong Track (*Leitch McBride*) – new in 2013
- Yankee – with (*ProFurl*) furling (*Leitch McBride*) – new in 2013
- Stay sail – on removable inner stay (*Leitch McBride*) – new in 2013
- Storm stay sail – never been flown
- Asymmetrical spinnaker with sock

#### Rigging:

- Winches in cockpit – 5 self-tailing (*Lewmar*)
- Winches on mast/boom – 3 self-tailing, 2 standard (*Lewmar, Harken, Anderson*)
- Mainsheet traveler and mainsheet blocks (*Harken*)
- Rope clutches (*Lewmar*)
- Running back stays
- Lazy jacks

#### Interior equipment:

- Furnace with thermostats and outlets in each cabin – diesel (*Webasto Thermo 90 S*)
- Cabin heater on bulkhead – diesel (*Sigmar 120*)
- Fridge and separate freezer (*Dan Foss*)
- Stove with oven, propane (*Force 10*)
- Bilge pumps, electric – 1 @ 3,700 GPH (*Rule 3700*) and 1 @ 750 GPH (*Attwood S750*)
- Bilge pumps, manual, two (*Whale*)
- Salt water galley foot pump
- Fresh water galley foot pump
- Marine toilets, two (*Jabsco 29120*)
- Macerator holding tank pumps, two (*Jabsco 18590*)
- Showers, two
- Grey water tank
- 12 volt fans, five (*Caframo*)
- Galley equipment – pots, pans, dishes, cutlery, utensils, storage containers

#### Exterior equipment:

- Anchor windlass, electric (*Lofrans Tigress 1500*)
- Anchor, primary – 73 lb (*Rocna*) on bow roller, with 400 ft. chain rode
- Anchor, secondary – 65 lb (*Delta*) on bow roller, with 325 ft. chain/rope rode
- Anchor, emergency – series 55 (*Fortress*) stored disassembled below deck
- Anchor, stern – 22 lb (*Danforth high tensile*) on stern rail, with 200 ft. chain/rope rode
- Radar reflectors, two
- Tie-downs and brackets for on-deck dinghy stowage
- Dorades, two
- Deck/anchor wash-down pump, 3.5 GPM, 60 PSI (*Jabsco 4.0*)

- Mast pulpits
- Mast steps, folding
- Whisker pole (*Forespar*) on track on mast
- Fish cleaning table
- Steering wheel and pedestal (*Edson*)
- Cockpit cushions
- Cockpit table
- Propane bottles in locker, two
- Deck box, cored fiberglass
- Barbeque, rail mounted (*Magma*)
- Dinghy motor mount and hoist, on stern rail
- Self-steering vane (*Cape Horn*)
- Fishing rod holders, rail mount, two
- Davits for dinghy, custom made stainless steel
- Boarding ladder, portable folding
- Swim ladder, folding, mounted at stern rail

### **Safety equipment:**

- Life raft, four person, offshore rated (*Survitec DBC*) certified in 2013
- Satellite text/weather transceiver (*inReach SE*)
- Life vests, auto-inflating (Mustang MD3154) with built in harnesses, two
- Life jackets, regular, two
- Harnesses, safety, two (*Victory*)
- Tethers, safety, double hook, two
- Jack lines, full length, two
- Bosun's chair and climbing harness
- Man overboard rescue system (*LifeSling*)
- Man overboard pole with light
- Life ring with line
- Heaving line, 50 ft.
- Flares
- Ditch bag
- Propane solenoid/sniffer (*Electro Systems S2*)
- Smoke detectors, two
- Carbon monoxide detectors, two
- Fire extinguishers, five
- Emergency tiller
- Sound signal horn
- Spot light
- Binoculars
- Boat hook
- Fenders and mooring lines
- Extensive set of spares and maintenance supplies – engine fluids, impellers, fuel/oil filters, spare propeller, spare steering cables, alternator belts, hardware, tools, nuts and bolts etc.

### **Tender:**

- Dinghy – inflatable, 9' 6" long, aluminum hull, Hypalon tubes (*AB 2.9VS*) stowed in davits or on deck
- Outboard motor – 15 HP (Suzuki DT15A) – new in 2015
- Dinghy wheels, with canvas covers, two
- Dinghy anchor and rode

**Covers:**

- Main sail
- Yankee
- Stay sail
- Full cockpit enclosure with shade panels
- Life raft
- B.B.Q.
- Shade awning

**Accommodations:**

Before even going below, you are welcomed by the large and secure center cockpit. There is comfortable seating for eight on cockpit seats which are 6' 2" long – also perfect for those afternoon naps in the sun. With its full canvas enclosure, complete with shade panels, the cockpit provides protection from both the sun and from inclement weather. Visibility from the helm position is excellent and all instrumentation and electronics are close at hand.

As you descend the main companionway, the galley is to port and the navigation station is to starboard. The galley is a spacious and secure place to prepare meals, which is out of the main traffic flow yet has a direct view to the rest of the main cabin. The galley is fully equipped for voyaging, and features a three burner propane stove with oven and broiler, a deep double sink with fresh and salt water foot pumps in addition to the standard taps, a generously sized fridge and separate freezer, and lots of counter and storage space. The navigation station has a flip-up chart table, a large bookshelf, communications and navigation electronics close at hand and a huge amount of storage space.

Moving forward, you enter the main salon proper, with its large settee/sea berth with lee cloth, to port, and a u-shaped settee and table to starboard. The table has been custom made out of select figured hardwoods and seats six for dinner. Numerous lockers abound, all in varnished teak with louvered doors. The main salon is a living area which functions well, whether living aboard at anchor or at the dock, or counting off 180 mile days while at sea. Ventilation and lighting are excellent, with 10 opening bronze ports and 3 deck hatches.

Next is the forward cabin with a 6' 10" long double berth in high density memory foam. There are plentiful lockers and shelves, including a hanging locker, 4 opening bronze port lights, a deck hatch and Dorade for ventilation, and an attached head with shower. The forward head is also accessible from the main salon.

Aft of the main salon, the boat is divided into three areas – the work/storage room, the engine compartment and the passageway to the aft cabin.

The work/storage room is accessible from the galley or from the cockpit and provides a huge amount of storage space as well as access to the port side of the engine.

The engine compartment absolutely shines, with every surface gleaming clean under high output lights. Access for routine maintenance is generous and well thought out. The engine is a 2012 Yanmar 75 HP diesel with 1,100 hours. It moves the boat at 7.3 knots using 1.4 gallons per hour. With 150 gallons of fuel, the range under power is over 750 miles. Fuel filtration is via dual switchable Racor high capacity filters with integral vacuum gauge.

The passageway provides great access to the engine compartment and to the large tool/spares locker.

The aft end of the passageway opens into the private owner's cabin. There is a 6' 5" center-line berth in high density memory foam and plentiful lockers including a large hanging locker. The cabin has a private head with shower, direct access to the cockpit via its own companionway and is well lit and ventilated by 4 opening bronze port lights, two deck hatches and a Dorade vent.

### Contact:

**For more information please email:** Jim and Tricia at [falcon7horizonfever@yahoo.com](mailto:falcon7horizonfever@yahoo.com)