The Viking 400S is specifically designed as an economical seaplane for commercial operations on short to medium flight segments. The standard 17-passenger aircraft is listed at USD $5.995M* and can achieve a breakeven load factor of around 8 passengers under typical operating conditions.**

The aircraft is optimized for quick turnaround between cycles, incorporating double swing-out doors at the aft passenger entrance with direct access through the cabin to the rear baggage compartment for quick loading. A separate avionics-dedicated battery also allows the cockpit screens to remain live during short turns.

The standard 400S features the Honeywell “Super-Lite” integrated digital avionics suite adapted for VFR operations. Avionics upgrade options are available for IFR operation.

With the 400S, particular attention has been paid to the unique challenge corrosion causes for water-based operations; corrosion-resistant packages for the airframe, power plant and fuel system have all been incorporated as standard equipment, along with additional draining, sealing and prevalent use of corrosion-resistant materials throughout the aircraft.

The aircraft is delivered with Pratt and Whitney PT6A-27 engines that incorporate platinum coated CT blades, a configuration commonly used worldwide on commercial Twin Otter seaplanes.

The 400S is equipped with new generation composite floats that further reduce the aircraft weight when compared to Series 400 Twin Otters configured for complex utility or special missions operation. The overall weight savings allows the standard 400S to carry a 17-passenger load over 150 nautical miles with typical reserves.

NOTES:
*Price based on 2016 economy for standard configuration aircraft and subject to change without notice upon selection of optional equipment and / or customer specific requirements.
**Breakeven load factor dependent on passenger fares, overhead and other operational considerations – specific operating costs will vary from operator to operator.
Technical Specifications

STANDARD VFR AVIONICS
- Honeywell Apex® “Super-Lite” optimized VFR integrated avionics suite including:
  - Left and right Primary Flight Displays (PFD) and PFD controllers
  - Upper and lower center Multi-Function Displays (MFD) with controller and keyboard
  - Flight director panel
  - Flight Management System (FMS)
  - Air Data Attitude Heading Reference System (ADAHRS)
  - Dual audio panel
  - Single GPS
  - Single Mode S transponder
  - Dual magnetometer
  - Dual multi-mode digital radios
  - Single Distance Measuring Equipment (DME)
  - Single Radar Attimeter (RA)
- Emergency Locator Transmitter (ELT)
- Electronic Standby Instrument System (ESIS)

POWER PLANT
- PT6A-27 engines
- Water Operation Package: Modifications have been incorporated throughout the power plant to optimize the aircraft for water operations, including (but not limited to) incorporation of platinum coated CT blades, installation of stainless steel engine control cables, and removal of the intake deflector.
- Hartzell three blade propellers

LANDING GEAR
- New generation composite floats
Note: aircraft is delivered on standard wheel gear provided on loan from Viking (floats shipped separately). After aircraft arrival at end destination, the customer is responsible for removing the wheel gear system, installing floats, and return shipment of loaned wheel gear system to Viking.

INTERIOR
- 17-passenger seat configuration
- Rear cabin cargo nets
- Access to baggage bay through rear cabin and removal of aft baggage door
- Double swing-out doors on LHS for ease of passenger and baggage loading
- Full swing RHS door for alternate loading, emergency exit and maintenance access
- Forward left 8 right hand side emergency exits
- Provision to allow conversion to 15 or 19 seat interior

LED LIGHTING
- Flight compartment lights
- Cargo and service compartment lights
- Position lights
- Anti-collision lights
- Landing lights
- Pulse landing light system

HYDRAULIC SYSTEM
- Wing flaps

FUEL SYSTEM
- Two fuel filling positions, eight tanks
- Fuel pumps
- Hinged fuel caps
- Digital fuel quantity indicating system
- Fuel low level warning
- Boost pump low pressure warning
- Fuel flow indication
- Fuel heater
- Fuel cross feed indicating system
- Fuel System Water Operation Package: Modifications have been incorporated throughout the fuel system to optimize the aircraft for water operations, including (but not limited to) incorporation of additional water drain valves, fuel control unit purge valve, additional fuel galley sealing, boost pump corrosion upgrade, and installation of corrosion resistant fuel line coating.

ENGINE FIRE DETECTION
- Fire detecting
- Fire extinguishing

VENTILATION
- Air vents in aft cabin and cockpit windows
- Cabin cooling fans

ELECTRICAL
- 28 volt DC
- Main battery re-located in nose compartment
- Forward external power receptacle
- Second avionics-dedicated battery in forward avionics bay
- Two 14V DC convenience outlets in flight compartment

STANDARD 17 SEAT CONFIGURATION

OPTIONAL EQUIPMENT

Avionics Upgrade Option Package:
Honeywell Apex® “Super-Lite” integrated avionics suite per standard configuration with the addition of the following:
- Weather radar (WX)
- Class A Terrain Awareness and Warning System (TAWS)

Additional Avionics Options:
- Cockpit Voice Recorder (CVR)
- Flight Data Recorder (FDR)
- Traffic Collision and Avoidance System (TCAS I)
- Traffic Collision and Avoidance System (TCAS II)
- 2nd GPS
- 2nd Distance Measuring Equipment (DME)

Other Optional Equipment:
- Customer paint scheme
- 19 seat interior
- 15 seat interior
- VHF marine radio
- Cabin and cockpit bleed air heating and cooling system
- Passenger life vest provisions
- Coin mat flooring