

Static Inspection:	
<u>Identification</u>	
Take pictures	
Boat name and port	
Manufacturer and model	
Asking price	
Boat location	
Hull number	
Registration number	
Owner's contact info	
Broker contact info	
Previous owner	
Mechanic/boatyard	
<u>Specifications</u>	
LOA	
LWL	
Draft	
Beam	
Displacement	
Ballast weight	
Rig type	
Boat age	
Cockpit placement	
Mast height	
Various ratios	
<u>Quick livability check</u>	
Cabin layout	
Cabin ventilation	
Standing headroom	
Storage	
Cockpit layout	
Deck layout	
<u>Hull</u>	
Material	
Solid/cored below waterline	
Reinforced with stringers/stiffeners ?	
Hull/deck joint type	
Depressions / bulges / blisters. (Blisters esp near waterline.)	
<u>Deck</u>	
Material	
Solid/cored	
Color	
Walk on every square foot to check for crunching/flexibility	
Look for cracks	
Rub-rail: should stand out well, want steel/rubber/bronze-capped, not plastic	
Amount of free space	
Swim platform	
Hose down deck and look in cabin for leaks	
<u>Keel</u>	
Shape / type	
Have X-rayed to see if bolts are sound ?	
<u>Ballast</u>	
Material (lead better than iron)	
Internal/external	
<u>Rudder, Propeller, Steering</u>	
Condition	
How protected	
Rudder shaft thickness and mounting	
How easy to service	
What type of propeller	
Tiller/wheel	
Steering linkage type (cable pull-pull, hydraulic, rack-and-pinion, worm gear)	
Propeller shaft parallel to waterline ?	
<u>Engine</u>	
Type	
Condition	
Age (years & hours)	
When rebuilt	
Maintenance records	
How easy to access and service	
Oil drip pan ?	
Size (want 1.5hp to 2hp per 1000lb)	
Type of water-cooling (raw, heat-exchange or keel; want fresh-water cooling ?)	

Type of block (want cast iron ?)	
Type of gearbox (want hydraulic)	
Shaft brake	
Exhaust system	
Fuel filters (want 2)	
Look clean	
Size/placement of fuel tanks; access ports	
Sniff around engine to smell antifreeze (indicates overheating) or burnt oil	
Send fluid samples to a testing lab	
<u>Ground Tackle</u>	
Anchor types/sizes	
Rode types/lengths (all-chain ?)	
Bow platform	
Anchor windlass	
Chain locker (drains overboard ?)	
Easy to deploy anchor quickly	
How easy to raise ?	
Boat hook	
<u>Mast and Spars</u>	
Keel-stepped or deck-stepped	
Material	
Condition	
Instruments and hardware at top	
Condition of mast-step	
Halyard number and routing	
<u>Safety</u>	
Lifelines / stanchions / toerails (how high ?)	
Deck configuration	
Sloping deck surfaces bad	
Sheets come to cockpit	
Bilge pump number and types	
Strength of hatches and ports	
Weight distribution	
Cockpit size / drainage / bridgedeck	
Cabin escape route through forward hatch	
Lightning protection	
Propane locker vents overboard	
Lifesling, overboard pole	
<u>Sails</u>	
Number and types	
Condition (check batten pockets and all edges)	
Age	
Material and thickness	
Type of reefing/furling	
Chafe	
<u>Deck Hardware</u>	
Quality	
Method of attachment (through-bolted with backing plates)	
Winches (self-tailing, 2-speed)	
Cleats	
Blocks	
Hatch hinges and fastenings	
Port and hatch materials	
<u>Attachment Strength</u>	
Bulkhead-to-hull	
Hull-to-deck	
Mast-to-hull	
<u>Finish</u>	
Blistering	
Cracking	
Rotting	
Waterlogging (recent painting could be hiding cracks that will come back)	
<u>Cockpit</u>	
Size	
Drainage	
Layout	
Sole type	
Lazarettes	
Visibility with and without dodger	
Traveler in cockpit ?	
Layout of gauges and controls	
Livability	

Cabin	
Layout	
Standing headroom	
Comfortable seats with headroom	
Size / number / length of berths	
Lie down in every berth	
Size / number / placement of ports	
Upholstery	
Paint	
Sole type	
Safety	
Lighting	
Ventilation	
Smell	
Stain line could indicate recent sinking	
Floor cracks indicate recent severe impact	
Number of structural bulkheads	
Through-Hulls (including propeller shaft)	
Number	
Material	
Condition	
Sea-cocks	
Double-clamped hoses	
Access	
To bilge	
To very bottom of bilge	
To engine	
To stuffing-box	
To through-hulls	
To plumbing/tanks and electrical	
To deck hardware backing plates	
Rigging	
Condition (dye testing for cracked fittings, magnetic testing for swages ?)	
Type	
Redundancy	
Routing to cockpit, deck or mast	
Any places where chafe is likely	
How easy to rig jibe preventer	
Dutchman or lazy jacks	
Extra halyards and winches	
Spinnaker pole and type of spinnaker jibe	
Whisker pole	
Traveller	
Boom vang	
Comfort	
LOA and beam	
Deck layout and space	
Cabin space	
Ventilation	
Fans	
Layout	
Lighting (natural and artificial)	
Storage space	
Dryness	
Electrical	
Proper type of wire ?	
Proper type of connections (soldered) ?	
DC return wires used ?	
Switch/fuse panel	
Corrosion / zincs; bonding system type	
Accessibility	
Battery configuration, size, condition	
Battery compartment separate from engine compartment ?	
Charging system (solar, wind, water, alternator, generator)	
Inverter type and size	
Shore power (GFI / circuit-breaker / isolation transformer)	
Exposed on deck, in cockpit ?	
Plumbing	
Condition	
Manual backup pumps	
Inspection ports on water tank	
Can bypass waste tank	
Bronze instead of plastic	
Sizes / types / placement of tanks	
Shore connection (does it have pressure limiter)	

Tanks shouldn't be near heat sources	
Water heater type	
<u>Leaks</u>	
Water / mold / stains / smells in bilge/lockers or around mast/ports/hatches	
Deck hardware attached with screws	
<u>Galley</u>	
Stove type	
Refrigeration size and type and power source	
Watermaker	
Microwave	
Layout / access	
<u>Head</u>	
Type	
Size (stand and sit with door closed)	
Access for repair	
Manual operation	
Holding tank	
<u>Balance</u>	
At dock, is boat listing, or down at bow/stern ?	
<u>Instruments</u>	
RADAR	
GPS	
LORAN	
Depth meter	
Depth finder / SONAR	
Auto-pilots	
Compass	
Barometer	
Knotmeter	
Anemometer	
Inclinometer	
Radios, antennas and grounds	
Where are sensors placed	
Gearbox oil-pressure	
Engine oil-pressure	
Engine temperature	
RPM	
Running hours	
Fuel gauge	
Voltmeter	
<u>Tender</u>	
Type	
Condition	
Size	
Mechanism to lift it	
Place to stow it	
Motor type/condition	
<u>Liferaft and Abandon-Ship Bag</u>	
Type	
Condition	
Size	
Place to stow it (want on-deck stowage)	
Supplies (watermaker, shade, food, etc)	
<u>Additional Items</u>	
Dodger/bimini	
Fenders	
Tools	
Spares	
Charts	
Books	
Logs	
Owners manuals	
PFDs	
EPIRB	
Extinguishers	
Jack lines and tethers	
Ladder	
Sail and instrument covers	
Awning	
Rain-catcher	
Heater	
Deck hoses	
Deck shower	

Audio/TV	
Mast-climbing gear	
Courtesy flags	
Sea anchor/drogue	
<u>General Use</u>	
How/where has the boat been used in general and in recent past ?	
<u>History</u>	
Any major accidents, repairs, refits, changes from original equipment ?	
Prior survey reports ?	
Prior owners ?	
USA documented ?	
Inspect log book ?	
Maintenance records ?	
<u>Aesthetics/Usability</u>	
How easy to get on/off from docked / swimming / tender ?	
Free deck space (with tender on board) for sleeping / partying / sitting ?	
Sea Trial:	
Do sea trial with tanks full, all gear on board.	
<u>Balance</u>	
Pitching	
Heeling	
Balanced steering	
Weather helm	
<u>Under Sail</u>	
Speed	
Visibility	
Sail-handling	
Responsiveness	
Dryness	
Motion	
Stability	
Tacking angle	
Behavior at all points of wind	
Behavior at various strengths of wind	
Behavior with minimal/typical/full sails up	
Performance of auto-pilot and wind-vane	
Sounds when below	
Raise/lower every sail	
<u>Motoring (run engine as long as possible)</u>	
Engine starting ease	
Speed at various RPMs	
Noise	
Vibration	
Exhaust	
Leaks from engine	
Engine temperature	
Performance in reverse	
Maneuverability, turning radius	
Sounds when below	
Turn on all electrics and run at same time, see what happens	
New oil in drip pan (put cloth down at start) ?	
<u>General</u>	
Water in bilge	
New water in bilge after pumping it out ?	
Water through open ports	
Pounding through seas	
Behavior when anchored in wind and swell	
Operate every instrument and control	
<u>Tender (do sea trial)</u>	
Stability	
Wetness	
Capacity	
Motor	
Launching/stowing	