



Inspection brief

Overview

This service is to complement a survey or assist in evaluating the operating condition of the vessel on lake/sea trial.

The survey is good- but only addresses structural features.

Objectives

Inspection Objectives

- Outline the status of vessels hardware components
- Check engine and accessories

- Provide a list of deficiencies or improvements not covered by the survey
- Indicate negotiable issues

Inspection

Approach

As an alternative to survey this inspection covers the operation of the vessel.

Exterior components

- Inspect canvas condition- rips, fading, uv damage
- Inspect rails and cleats for sturdiness
- Inspect fill stations
- Inspect finish (gelcoat) for scratches, spider cracks or impact damage
- Test electrical windlass if installed
- Inspect condition of seating and chairs
- Inspect wood work

Interior

- Inspect for water infiltration
- Test all 110 v appliances- fridge, stove, hot water, water pump, heads (toilets), AC-heating
- Test air conditioning and heating system
- Inspect all access ports
- Inspect plumbing system
- Inspect hatches and windows for damage and repair

Instruments & Electrical

- Test all instruments for functionality

- Oil pressure, volt meters, temp gauge, synchronize, horn- trim tabs, radar, depth sounder
- Battery Charger, Solar Charger, Inverter, generator
- Check breaker panel for all operation
- Check navigation lights
- Trim tabs

Engine and compartments

- Review electrical connections- corrosion- loose wires
- Run motors at low and high rpm for compression and alternator performance
- Test batteries for health and cranking voltage
- Test charge at idle and high speed
- Check for cracks on the engine block
- Test engine temperature running
- Check stopcocks for leaks
- Check fuel tanks for corrosion or leaks
- Check water and waste tanks for leaks
- Inspect stuffing box
- Check for transmission vibration
- Check bilge pumps operation
- Oil and transmission oil
- Check water infiltration

Service

- Request service reports log
- Inspect manuals available

Sales support

- Provide similar pricing for vessel for sale
- Review registration and any liens on the vessel

- Assist in sales offer with deposits and conditions

Cost: \$ 500 plus travel, \$ 35 for credit report

CPS- ECP Engine and Boat Maintenance Certificate