



## NOAA Small Boat Safety Program Class II Annual Small Boat Evaluation Checklist

- Annual Small Boat Evaluations (ASBE) are inspections conducted by Vessel Operations Coordinators (VOC), Commanding Officers (CO), or their designee(s) using the approved ASBE outlines and checklists.
- ASBE checklists have been condensed from detailed ASBE outlines for ease of use in the field. Evaluators shall use the checklists during the inspection, and shall refer to the outlines for additional detail as needed. Evaluators are responsible for all information contained within the ASBE outlines.
- ASBEs are required annually.
- The ASBE outlines and checklists are based on NAO 217-103, 46 CFR, 33 CFR, NFPA 302, MARPOL, ABYC standards and recommendations, USCG inspection criteria, and standard marine survey practices.
- Some items may not apply to all boats. Evaluators are responsible for determining applicable items. Consult NAO 217-103 for equipment carriage requirements. Installed equipment in excess of requirements must be maintained to inspection standards.
- Completed evaluation checklists, reports, and records of findings and recommendations shall be signed by the evaluator or surveyor, and signed and retained by the VOC/CO with a copy forwarded to and signed by the Line Office Small Boat Officer (LOSBO). Notification of completed evaluations will be reported to the NOAA Small Boat Safety Program Coordinator (SBSPC). Reports shall be generated when numerous or significant deficiencies are noted, and shall be forwarded to the NMAO Fleet Inspection Office via the SBSPC.
- The NOAA Fleet Inspection office (757-441-6766) and Small Boat Engineer (757-441-6202) are available for guidance.

Name of boat	
Date of ASBE	
Evaluator	
Year / Make / Model	
Hull ID / registration number	
Owner	
Place of evaluation	

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Hull material / type				
LOA / beam / draft				
Displacement				
Engine(s) year / make / model				
Total horsepower				
Fuel type / capacity				
AC / DC power				
Operating area / primary use				
<b>Required Documentation</b>	<b>Sat</b>	<b>Unsat</b>	<b>N/A</b>	<b>Comments</b>
Records of previous inspections	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Stability log (Equipment installation, modification, etc.)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Risk assessment	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Operator's manual	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Records of annual fire extinguisher servicing	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<b>Stability</b>				
Capacity plate (manufacturer or 33 CFR 183 Subpart C)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Boat within capacity	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<b>Life Saving and Emergency Equipment</b>				
PFDs (number, type, condition, spare CO <sub>2</sub> , re-arm kits)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Ring buoy / cushion (condition, type, size, label, mounting)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Visual distress signals (number, type, condition, CG approved)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
First aid kit (adequate, not expired, properly stowed, labeled)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
EPIRB / PEPIRB (registration, battery, hydro release, test)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Cell / satellite phone (check battery, test operate)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Emergency sound signal (condition, can be heard at 0.5 nm)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

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<b>Fire Protection</b>	<b>Sat</b>	<b>Unsat</b>	<b>N/A</b>	<b>Comments</b>
Portable extinguishers (number, expiry, type, condition)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Fixed system (service report/expiry, condition, indicators)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Backfire flame arrestor, drip pan (non-outboard gas engines)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Structural (carpet, furnishings, etc. class A fire resistant)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Fuel tank vents (condition, material, containment, etc.)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Ventilation (vent ducts, bilge blower, type, condition)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<b>Ventilation</b>				
Adequate in all interior spaces	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Water and other (non-fuel) tank vents (condition, etc.)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<b>Navigation and Electronic Equipment</b>				
Chart / chartlet (covers oparea, current, corrected)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Magnetic compass (good working condition)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Depth sounder (condition, test operate)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Radar (Condition, test operate)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
VHF radio (number, type, DSC, test, battery)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
MF/HF radio (DSC, test operate, condition)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Navigation lights (conform to current USCG Navigation Rules)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
GPS (test operate, check accuracy)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<b>Ground Tackle</b>				
Anchor (anchor and rode condition, sufficient for operations)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Releasing / retrieval equipment (condition, operable)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Windlass / winch operational test	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Bits, chocks, cleats, etc. (not broken, corroded, etc.)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

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<b>Ground Tackle</b>	<b>Sat</b>	<b>Unsat</b>	<b>N/A</b>	<b>Comments</b>
Chain locker, hawse pipe, anchor platform (condition)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<b>Hull, Deck, Fittings, Watertight Integrity</b>				
Hinged watertight doors (seal, gasket condition, etc.)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Watertight bulkheads (intact, watertight, penetrations)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Deck openings and thru-hulls (gasket and dog condition)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Scuppers, free ports, etc. (unobstructed, performance)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Windows (weather tight, operate freely, condition)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Interior structure (corrosion, broken welds, deformation)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Deck fittings and equipment (labeled with SWL, condition)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Metal hulls (corrosion, pitting, deformation, fractures, etc.)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
RHIBs (sponsons, patches, valves, PSI test)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Fiberglass hulls (delamination, blistering, moisture, cracks)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Remote control valves (operable, labeled, condition)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Keel bolts, transducers, grounding plate, stabilizers	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<b>Accommodation Spaces and Equipment</b>				
Heaters (thermal shut off, installation, condition)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
A/C units (installation, condition, capacity)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Common & berthing spaces (condition, NFPA, ventilation)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Toilet facilities (operable, sanitary)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Food areas (sanitary, locking devices, condition)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<b>Marine Sanitation</b>				
Manufacturer's nameplate present on device	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Instructions and warnings posted	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

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<b>Marine Sanitation</b>	<b>Sat</b>	<b>Unsat</b>	<b>N/A</b>	<b>Comments</b>
Chemical and sewage level indicators (operable)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Verify loss of power does not allow discharge	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Verify vents free and open	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
System components (installation, condition, etc.)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<b>Outboard Engines</b>				
General condition (damage, excessive oil, dirt, corrosion)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Belts and filters (condition, filters replaced annually, dated)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Oil (condition, level, test if needed)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Propeller / lower unit (general condition, damage)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Engine horsepower within limits listed on capacity plate	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Throttle has noticeable detent when shifted into neutral	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Operational test (all gears and speeds)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Engine controls, gauges, indicators (function normally)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<b>Stern Drive Engines (I/O)</b>				
General condition (damage, excessive oil, dirt, corrosion)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Belts and filters (condition, filters replaced annually, dated)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Oil and coolant (condition, level, test if needed, mixture)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Cooling system (piping, hoses, strainers, filters, clamps)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Propeller, lower unit, boot (condition, damage)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Exhaust system (piping, lagging, leaks, corrosion, etc.)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Operational test (all gears and speeds)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<b>Inboard Engines</b>				
Remote fuel shut off valves (test operate, condition)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

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<b>Inboard Engines</b>	<b>Sat</b>	<b>Unsat</b>	<b>N/A</b>	<b>Comments</b>
Emergency shut down (test operate)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
General condition (damage, excessive oil, dirt, corrosion)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Belts and filters (condition, filters replaced annually, dated)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Engine & hydraulic oil (condition, level, test if needed)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Crankcase explosion covers (installed, condition)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Fuel piping, hoses, & fittings (leaks, chafing, condition)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Controls & indicators (operate normally, condition)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Personnel safety devices (in place, condition)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Exhaust system (condition, lagging, prox. to combustibles)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Engine foundation (fatigue, stress fractures, flexing)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Intakes & vents (unobstructed, clean, screened, etc.)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Cooling system (piping, hoses, clamps, coolant)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Starter wiring (supported, chafing, prox. to moving parts)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Propulsion shaft (cracks, wear, seals/stuffing box, etc.)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Seacocks and strainers (unobstructed, operable)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Transmission fluid (level, condition)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Operational test (all gears and speeds)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<b>Fuel System</b>				
Tanks, piping, hose, fittings, supports (type, condition)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Tanks and fill pipes bonded to common ground	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Flexible non-metallic hoses (approved type, double clamped)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Fuel gauging (appropriate method; gauge, graduated ruler, etc.)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Vents and valves (unobstructed, operate properly)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

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<b>Fuel System</b>	<b>Sat</b>	<b>Unsat</b>	<b>N/A</b>	<b>Comments</b>
Filters (Replaced at least annually, dated)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<b>Steering System</b>				
Foundations / mounting bolts (condition, intact, secure)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Pipes, runs, brackets, etc. subject to vibration damage	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Control linkages, linkage pins, ram guides (condition)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Potential single point system failure items (condition)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Locking devices (cotter pins, etc.) on all vital connections	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Emergency steering (diagrams posted, test operate)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Rudder (stock, bearing, support, packing, wear, leakage)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Motor controller & gear boxes (wiring, condition, etc.)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Pumps, motors, couplings (condition, excess play, etc.)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Hydraulics (hoses, connections, reservoir full)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Rudder position indicator (operable)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<b>Bilge System</b>				
All standing water drains to bilge suction pipes	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Strainers (good condition, unobstructed)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Independent valves for each watertight compartment	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Bilge pump can drain all watertight compartments	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Remote valve/pump actuators (test operate, condition)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Oil/water separator filter (dated, changed at least annually)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Bilge level alarms, float switches (test operate, unobstructed)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Bilge blower (test operate, condition)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<b>Potable water system</b>				

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<b>Potable water system</b>	<b>Sat</b>	<b>Unsat</b>	<b>N/A</b>	<b>Comments</b>
Entire system operable and in good repair	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Filling hose (designated, labeled, storage)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Vents (screened, not near contaminants, unobstructed)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Tanks (designated, clearly marked, MAWP not exceeded)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Pressure system (pump, air fittings, condition)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Housekeeping around all components is adequate	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<b>Electrical System</b>				
Cables and wires (damage, condition, discoloration, etc.)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Cable and wire supports (condition, do not cause chafing)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
No permanent "temporary" solutions (extension cords, etc.)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Shore power connection and cable (condition, damage, etc.)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Switchboards, junction boxes, panels, inverters	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Switches, breakers, fuses (labeled, condition, etc.)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Ground detection lights (working, no grounds)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Over current devices accurately identified	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Distribution points (ventilated; shielded from water, debris)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Drip shields (present, good condition)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Instrumentation (meters) (working, calibrated)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Controls and meters (working, accurately labeled)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Batteries (condition, damage, corrosion, ventilated, etc.)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Battery terminals (connections secure, covered, type)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Battery trays (resistant to electrolyte, condition)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Ammeter (operational test)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	



