

NOAA Small Boat Program Inspections



NOAA Small Boat Program



COMMON DEFICIENCIES

Incomplete Small Boat Operations Manual (SBOM)

- “A small boat-specific SBOM is required for each Class III and Small Research Vessel (SRV), as well as for Class A, Class I, Class II, and non-motorized small boats.”
- “Needs to be specific about the operating area including distance from shore, the maximum number of persons to be carried, and specific lifesaving equipment required.
- “A template outlining the topics to be included in a SBOM can be found on the SBP website.”

COMMON DEFICIENCIES



COMMON DEFICIENCIES

No stability log containing vessel weight and carrying capacity

STABILITY LOG FOR R1803



As Delivered Specifications:

Type: Utility Boat

Manufacturer: Sea Ark Marine Inc.

Model: 1860 River Runner SAMA 2005/010

Length: 18 feet, Beam: 7 feet

Engine: 2010 Yamaha, 115 HP 4-stroke, 402 lbs

Freeboards as delivered at sea trials:

- Bow: 27 inches
- Port AFT: 15 inches
- STBD AFT: 12 ½ inches
- Draft Hull: 12 ½ inches (6 inches with engine tilted clear of water)

Boat Weight (dry): 1780 lbs.

Fuel Tank (portable): 12 gals. (72 lbs.)

Electrical: Single battery, 12 VDC Power Electrical System, 120 VAC Shore-power with automatic battery charger.

Bilge Pump: 3700 GPH bilge pump with automatic float switch located AFT below outboard engine motor well, discharging on STBD side.

Manufacturers placarded carrying capacity with motor, persons, and gear: 2018 lbs

Gear and personnel only carrying capacity: 1616 lbs

Date	Modification	Weight added/Deleted	Capacity	Notes
10/25/11	Vessel delivered new	0	1616 lbs	
11/08/11	Added second 12VDC battery	+31 lbs	1585 lbs	Updated SBOM
01/15/12	Added radar	+ 22 lbs	1563 lbs	Updated SBOM
6/01/12	Weighed boat	0 lbs	1563 lbs	No change

COMMON DEFICIENCIES

Missing or outdated operator authorization letters

NOAA Form 57-19-04

nf57-19-04.pdf (SECURED) - Adobe Acrobat

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This file includes fillable form fields. You can print the completed form and save it to your device or Acrobat.com. Highlight Existing Fields

NOAA FORM 57-19-04 (1-15) U.S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION

SMALL BOAT OPERATOR AUTHORIZATION

Instructions

- Upon completion of the checkout process and meeting all minimum requirements, Vessel Operations Coordinators (VOCs) must complete a Small Boat Operator Authorization Letter for each person who will be operating any small boat(s) within that Line Office Program.
- VOCs shall reissue Small Boat Operator Authorization Letters annually to ensure currency of all certifications and training requirements, and to verify a measure of operational proficiency.

Administrative Information

SMALL BOAT OPERATOR NAME	DATE		
LINE/STAFF OFFICE	PROGRAM	FACILITY/LABORATORY	
STREET ADDRESS	CITY	STATE	ZIP CODE
OPERATOR'S PHONE NUMBER	OPERATOR'S E-MAIL ADDRESS		
VESEL OPERATIONS COORDINATOR NAME	LINE OFFICE SMALL BOAT OFFICER NAME		

Training and Certificates Information

TRAINING COURSE or CERTIFICATE	ISSUING AGENCY	ISSUE DATE	EXPIRATION DATE
NOAA Small Boat Component Course	NOAA		N/A
Personnel Qualifications Standards (PQS)	NOAA		N/A
Cardio-Pulmonary Resuscitation (CPR) with AED			
First Aid			

The Operator named above has demonstrated proficiency and has provided current documentation as required. He/she is hereby authorized to operate the following NOAA small boat(s) in the capacity noted:

SMALL BOAT NAME	NOAA HULL REG. #	OPERATING RESTRICTIONS

VOC NAME VOC SIGNATURE DATE

COMMON DEFICIENCIES

Lack of personal waterlights on Float Coats and Mustang Suits or expired inflatable PFD activators,



COMMON DEFICIENCIES

Structural deficiencies such as corroded aluminum hulls, delaminated fiberglass allowing water intrusion into cored hulls.



SHARED IDEAS FROM OTHER FIELD UNITS

Use the Hemi ACR Personal Marker lights. They're good for 5 years and require no maintenance other than inspection.



Use the Mustang HIT Inflatables. They're good for 4 years and require no maintenance other than inspection.



Carry a portable VHF-FM Radio in your pocket. They float, waterproof, have a built in GPS with DSC Capability. They can save your life.



When renewing an EPIRB Battery consider purchasing an entirely new one with the latest technology.



NEW ASBE FORM

ASBE form for Class A and 1 Non-Motorized Boats or with portable outboard motors

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U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION

ANNUAL SMALL BOAT EVALUATION

For Class A and 1 Non-Motorized Boats or with Portable Outboard Motors

Instructions

Annual Small Boat Evaluation (ASBE) is an inspection conducted by Vessel Operations Coordinator (VOC), Commanding Officer (CO), or designee(s). Inspect all boats annually.

- Use this ASBE checklist for non-motorized vessels and simple class A and 1 boats with portable outboard motors. Evaluators must use the checklists during the inspection, and if required add additional fields to meet specific vessel configurations. Evaluators are responsible for all information contained within the ASBE outline.
- The ASBE outline and checklist are based on NAO 209-125, The NOAA Small Boat Standards and Procedures Manual (SBSPM), 46 CFR, 33 CFR, NFPA 302, MARPOL, ABYC standards and recommendations, United States Coast Guard (USCG) inspection criteria, and standard marine survey practices.
- Some items may not apply to all boats. Evaluators are responsible for determining applicability. Consult the SBSPM for equipment carriage requirements. Installed equipment in excess of requirements must be maintained to inspection standards.
- The evaluator or surveyor and the VOC sign the completed evaluation checklists, reports, records of findings, and recommendations. The VOC retains the completed evaluations, uploads them into the Vessel Inventory Management (VIM) program, and are signed by the LOSBO.
- Contact your VPC or LOSBD for additional information or assistance.
- Contact the SBP - Darel.S.McCormick@noaa.gov (206-553-7916) or Jeff.Kingrey@noaa.gov (206-553-2648) for technical guidance.

Inspection Type

Annual Small Boat Evaluation (ASBE)

Vessel Information

NAME OF VESSEL		VESSEL OWNER
VESSEL PRIMARY OPERATING AREA		VESSEL MISSION / PRIMARY USE
NOAA HULL REGISTRATION NUMBER	HULL MATERIAL	HULL TYPE
YEAR VESSEL BUILT	VESSEL MANUFACTURER	VESSEL MODEL
YEAR ENGINE(S) BUILT	ENGINE(S) MAKE	ENGINE(S) MODEL

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The NOAA Small Boat Standards and Procedures Manual



4th Edition

Created by
The NOAA Small Boat Safety Board
with input from OMAO and other area experts
July 14th, 2017