

ARLEIGH BURKE CLASS DESTROYER

ELECTRIC POWERED PLUG-N-PLAY SCALE REPLICA SHIP

Owners Manual



Specifications

Length	43 in (1090mm)
Beam.....	6 in (156mm)
Motor.....	390-size (x2)
Weight	5 lb(2.3 kg)
Speed Control	50-amp waterproof with reverse
Hull Material	Fiberglass composite
Battery	7.2V sub-C w/ Tamiya connector (not included)
Radio	2-channel (not included)
Servo.....	Standard steering servo (installed)

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Using the Manual

This manual is divided into sections to help make assembly easier to understand, and to provide breaks between each major section. In addition, check boxes (○) have been placed next to each step to keep track of its completion.

Please read through the manual before you begin assembly of your model. Remember to take your time and follow the directions.

Recommended Tools and Adhesives

- Hobby knife with #11 blade
- Side cutters
- Medium CA
- Ballast weight (5 lb or 2.2 kg)
- Charger for motor battery
- Pin vise
- Drill bit: 5/64-inch (2mm)

Recommended Radio Equipment and Batteries

You will need a 2-channel transmitter and receiver. We recommend one of the crystal-free, interference-free Spektrum™, Pro Boat® or JR® radio systems using DSM technology.

Spektrum Marine compatible transmitters:

- DX3E (SPM3160)
- DX2.0 (SPM20220)
- DX3.0 (SPM20320)
- DX2S (SPM2120)
- DX3S (SPM3140)
- Pro Boat Pistol Grip 2.4GHz (PRB8060)
- Spektrum and JR DSM2™ aircraft transmitters

Spektrum Marine Receivers

- SPMMR3000

www.spektrumrc.com

The Spektrum trademark is used with permission of Bachmann Industries, Inc. US patent 7,391,320. Other patents pending.

Pro Boat 27MHz radios

- Pro Boat AM 2-Stick Radio (PRB8021)
- Pro Boat AM Pistol-Grip (PRB8040)

Please look for the Marine logo on the back of your surface transmitter and check the part number to confirm compatibility with Spektrum Marine receivers.

Batteries

In addition, we recommend the purchase of one of the following batteries:

- Speed Pack 1800mAh Ni-MH 6-Cell Flat (DYN1050)
- Speed Pack 3300mAh Ni-MH 6-Cell Flat (DYN1070)
- Speed Pack 5100mAh Ni-MH 6-Cell Flat (DYN1090)

www.dynamiterc.com

General Guidelines and Safety Precautions

It is important that you read and follow this instruction manual, along with the radio system manual before you run this exciting boat. Failure to read and understand the manual could result in personal injury, property damage or permanent damage to your boat. It is also important to run your boat responsibly. With proper care and maintenance, you will be able to proudly enjoy your Arleigh Burke-Class Destroyer for many years to come.

When operating the boat, stay clear of people, full-scale boats, stationary objects and wildlife. It is preferable to operate the Arleigh Burke-Class Destroyer in low wake, low wind conditions and in areas free of people, wildlife and objects.

Check all of the hardware, and the propeller for damage and loose screws before and after each run.

If at any time while operating your model you sense any abnormal function, end your operation immediately. Do not operate your boat again until you are certain the problem has been corrected. ***Always stay clear of the propeller.***

This is a sophisticated hobby Product and not a toy. It must be operated with caution and common sense and requires some basic mechanical ability. Failure to operate this Product in a safe and responsible manner could result in injury or damage to the Product or other property. This Product is not intended for use by children without direct adult supervision. The Product manual contains instructions for safety, operation and maintenance. It is essential to read and follow all the instructions and warnings in the manual, prior to assembly, setup or use, in order to operate correctly and avoid damage or injury.

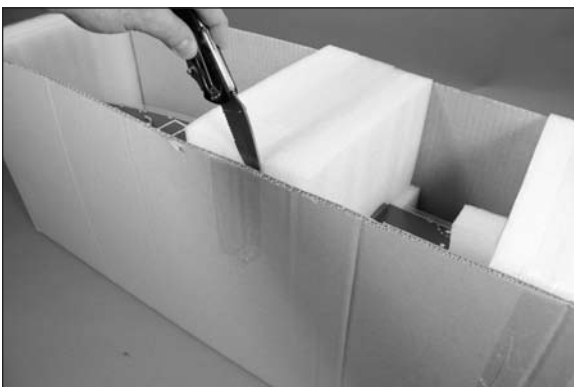
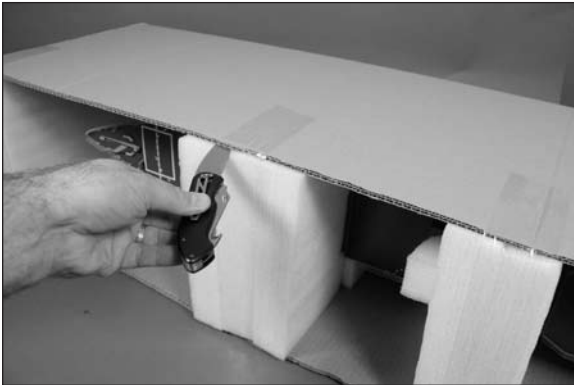
Unpacking Your Model

Your model must be removed carefully from the packaging to avoid damage. Follow the steps shown to remove your model.

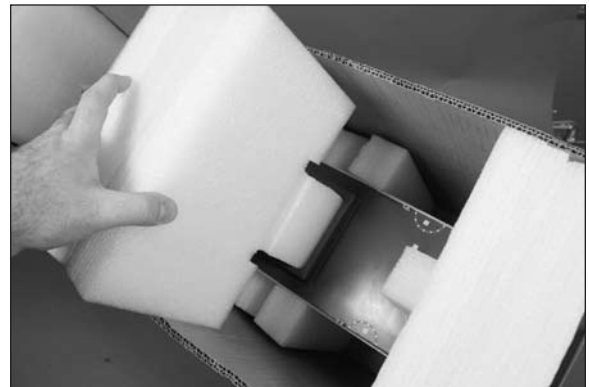
Required Tools

Hobby knife or similar
Side cutter

- 1. Use a knife to cut the tape that secured the two center foam supports to the inner box.



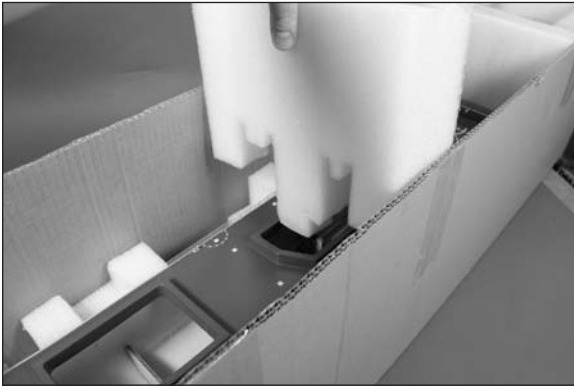
- 2. Carefully lift the foam support toward the front of the boat. Lift the support straight up and out of the box.



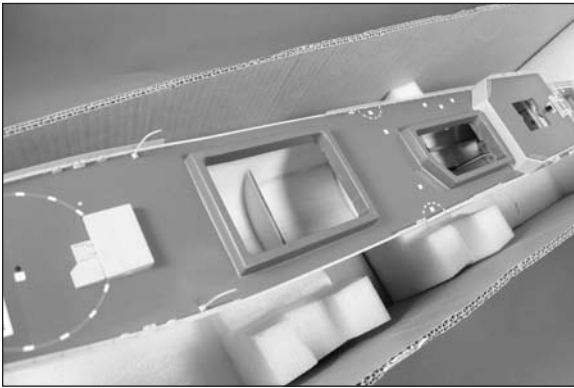
- 3. The rear support has a small piece of foam that keeps the larger section secure. Remove the small piece of foam.



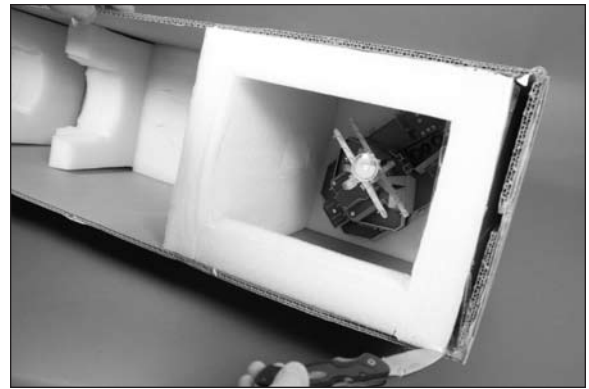
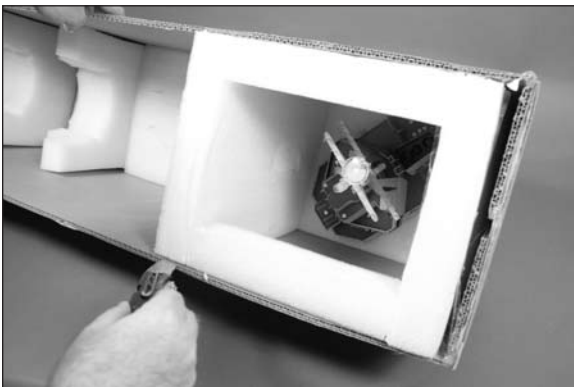
- 4. Carefully lift the rear foam support. Lift the support straight up and out of the box.



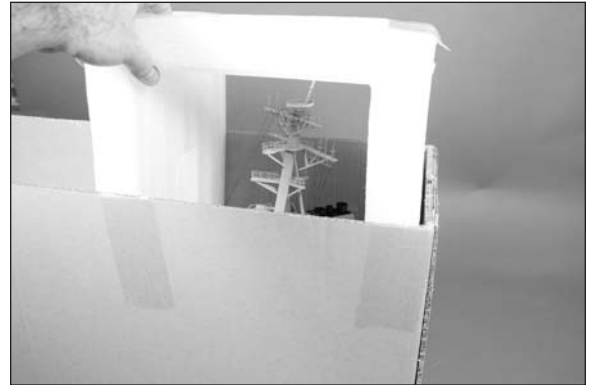
- 5. Use side cutters to trim the wire ties at the rear of the hull. Lift the front of the hull upward slightly, then lift the hull from the box.



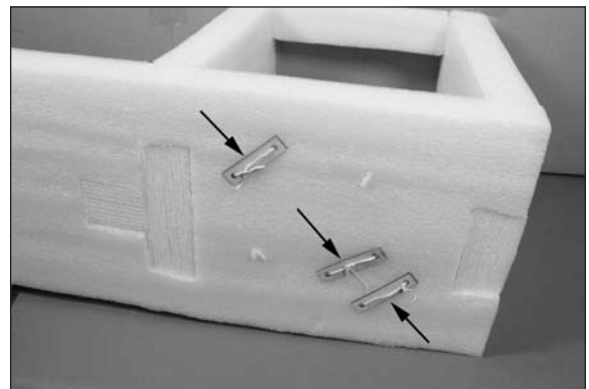
- 6. Use a knife to cut the tape that secures the packing foam for the main tower to the box.



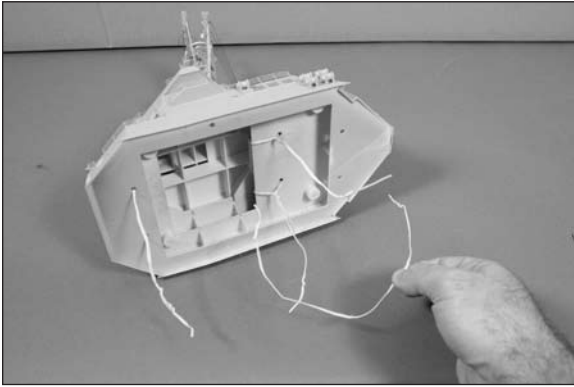
- 7. Carefully lift the main tower and its packaging from the box.



- 8. Use side cutters to cut the three ties that secure the main tower to the packaging. Make sure to support the tower while cutting the ties so it doesn't fall and become damaged.



- 9. Remove the ties from the main tower.



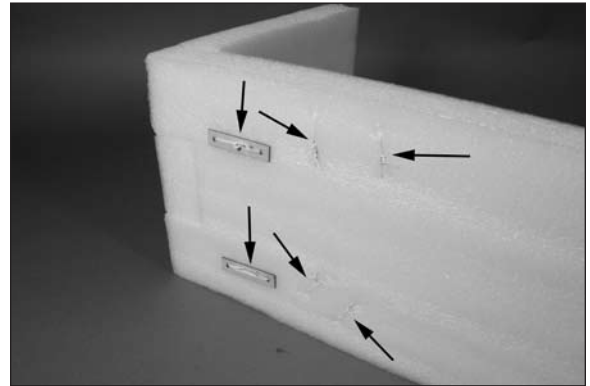
- 10. Use a knife to cut the tape that secures the foam packaging for the secondary tower to the box.



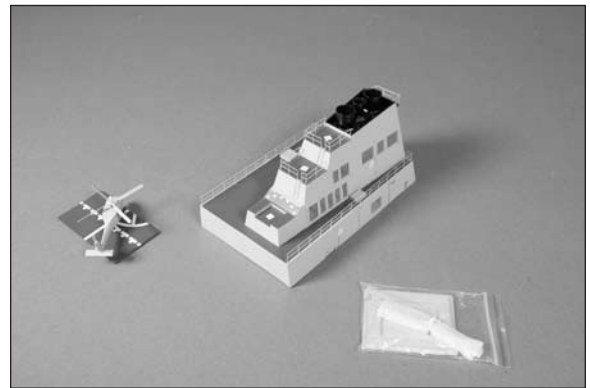
- 11. Carefully lift the secondary tower and its packaging from the box.



- 12. Use side cutters to cut the ties that secure the secondary tower and accessories to the packaging. Make sure to support the tower so it doesn't drop and become damaged once the ties have been cut.



- 13. Cut the remaining ties to release the helicopter and cover from the foam packaging.



Basic Assembly

The following steps will prepare your model for operation. Although there are a lot of details that can be installed, they are not necessary to operate your model.

Required Tools and Adhesives

Hobby knife or similar
Side cutter
Medium CA

Required Equipment and Accessories

Transmitter and receiver
Motor battery (charged)
Ballast weight (5 lb or 2.2 kg)
Hook and loop tape

- 1. Locate the pieces for the boat stand. The longer side pieces will key to the shorter end pieces. Use a small amount of Medium CA to glue the pieces together.



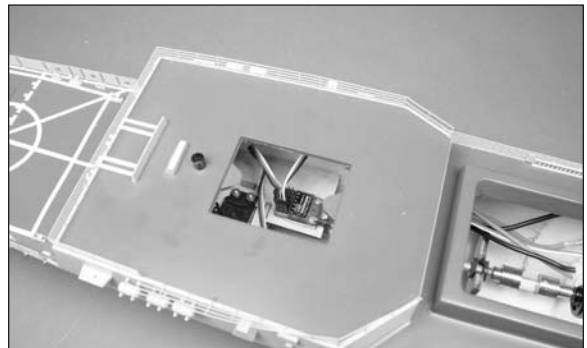
Note: If you are using a 2.4GHz system, it is recommended to bind the receiver to the transmitter at this time. Follow the instructions provided with your radio system for this procedure.

Note: Make sure to center the trims for both the steering and throttle on your transmitter.

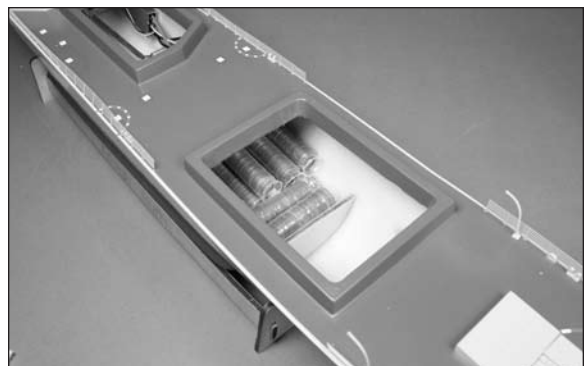
- 2. Plug the lead from the speed control into the throttle port of the receiver. The lead from the rudder servo will plug into the steering port of the receiver. Be sure to connect the plugs in the proper polarity. See the radio instruction manual for details.



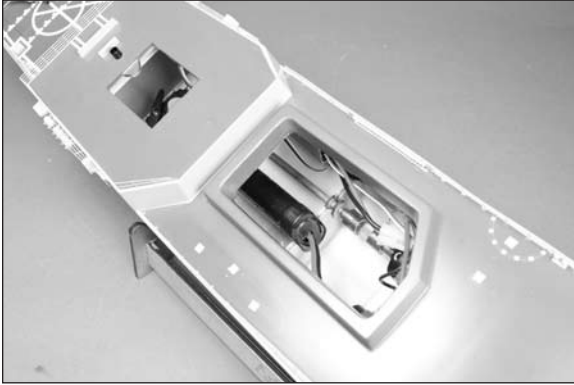
- 3. Use hook and loop tape to attach the receiver to the steering servo mounting plate inside the hull. Route the antenna wires inside the hull according to the radio manufacturer's suggestions.



- 4. Place the ballast weight in the ballast compartment in the hull. We used \$8.50 in pennies in our model, but a lead weight can also be used.



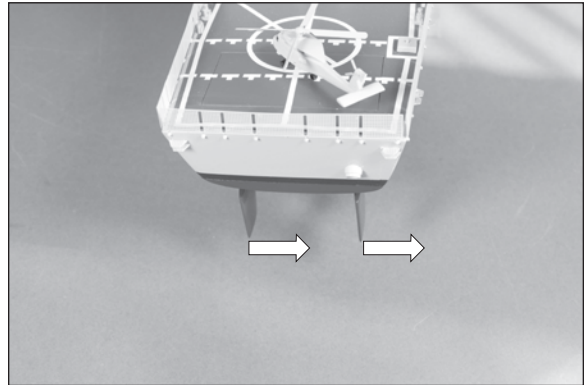
- 5. Place the motor battery in the hull. The supports are cut to fit a 6-cell battery snug in the hull.



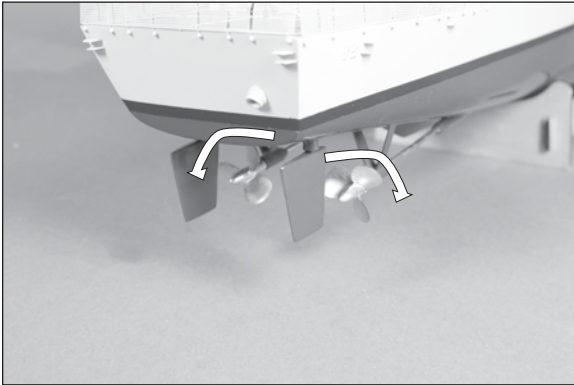
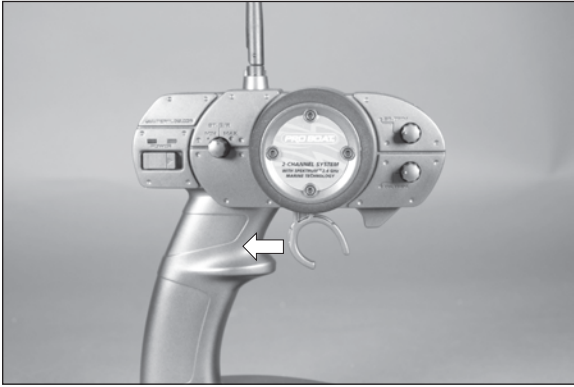
- 6. Move the switch on the transmitter to the ON position. Connect the battery to the lead from the speed control.



- 7. Check the operation of the rudders in relationship to the steering wheel. When the wheel is rotated clockwise, the rudders must move right as shown. If not, follow the instructions from the radio to set the servo reversing for the steering.



- 7. Check the operation of the propellers in relationship to the throttle trigger. When the trigger is pulled in, the right propeller must rotate clockwise and the left propeller will rotate counterclockwise as shown. If not, follow the instructions from the radio to set the servo reversing for the throttle.



- 8. Once the radio is installed and operating properly, the main tower, secondary tower and helicopter covers can be placed in their respective positions on the hull.



Accessory Installation

The installation of the accessories is not mandatory, but will add some incredibly scale appeal to your model. There are a lot of items to install, so take your time and take frequent breaks to avoid frustration when working with all the small parts.

Attaching an accessory to the hull simply requires placing a small drop of medium CA on the part, then placing it in the correct location on the hull after removing the locating sticker. The following will help guide where each accessory is located in alphabetical order. Use this section of the manual, as well as the photos on the box, to install the accessories.

Required Tools and Adhesives

Hobby knife or similar

Medium CA

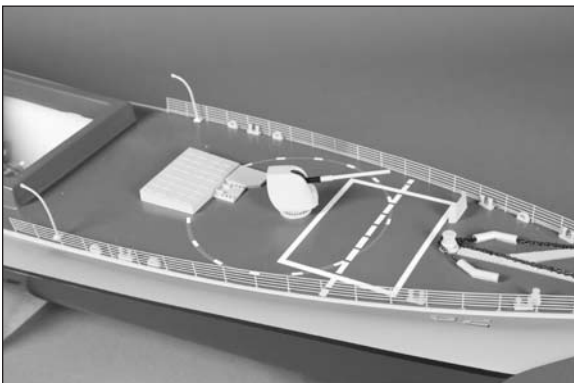
Pin vise

Drill bit: 5/64-inch (2mm)

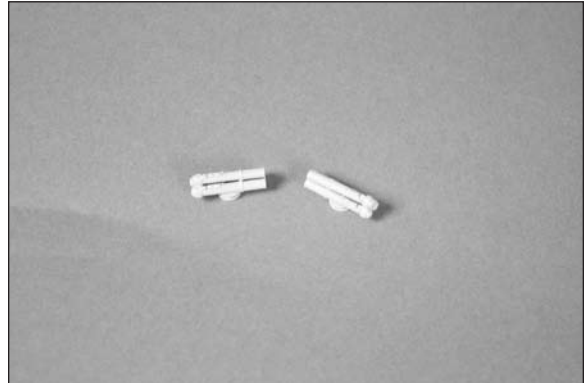
Required Equipment and Accessories

Hull, main tower, secondary tower

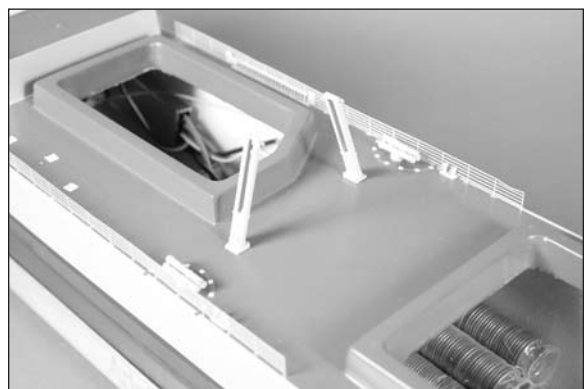
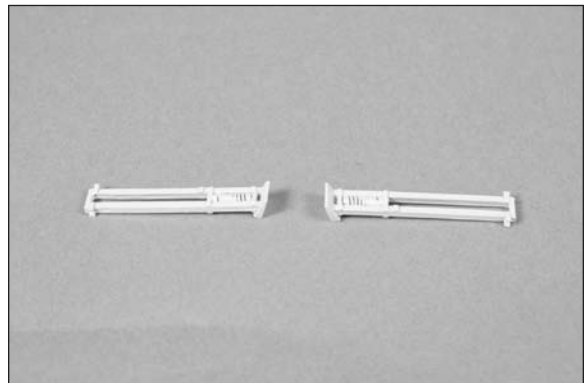
- 1. Accessory item A and location.



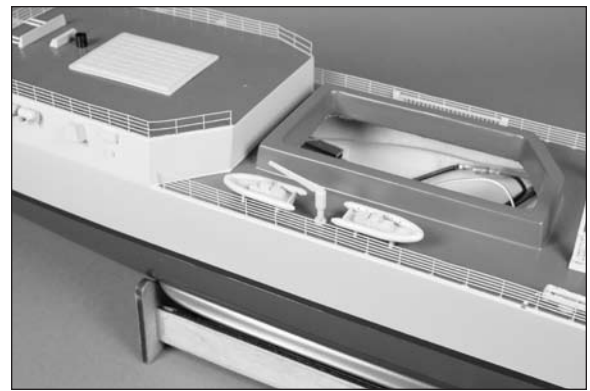
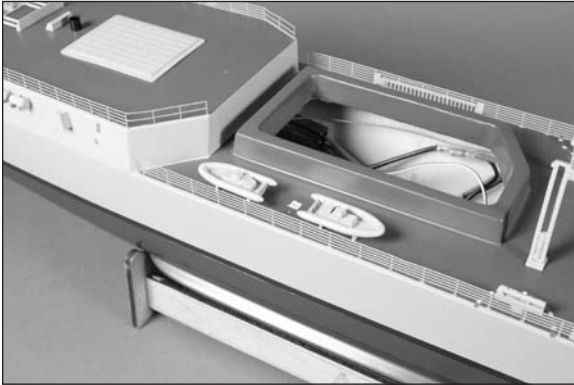
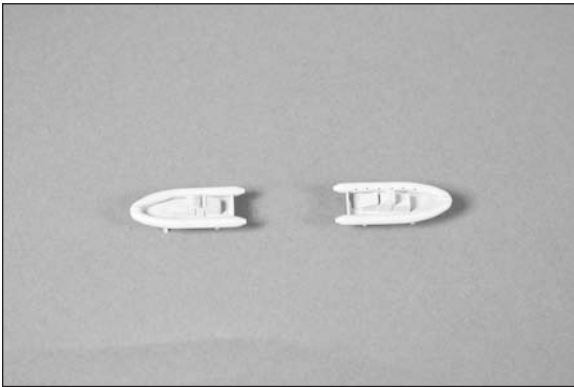
- 2. Accessory item B and location.



- 3. Accessory item C and location.



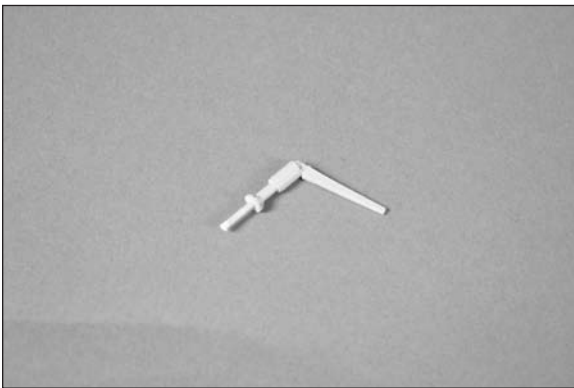
- 4. Accessory item D and location.



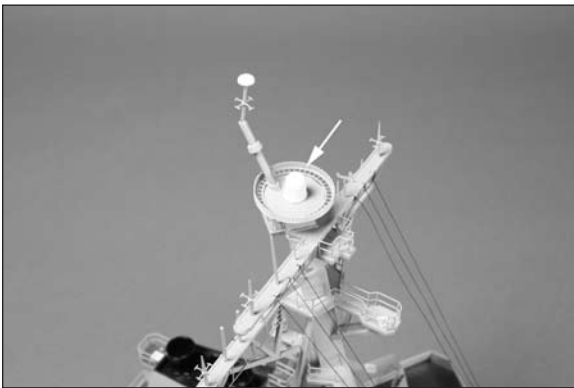
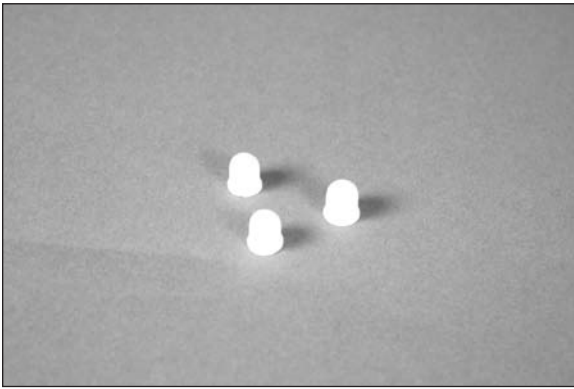
- 6. Accessory item F and location.



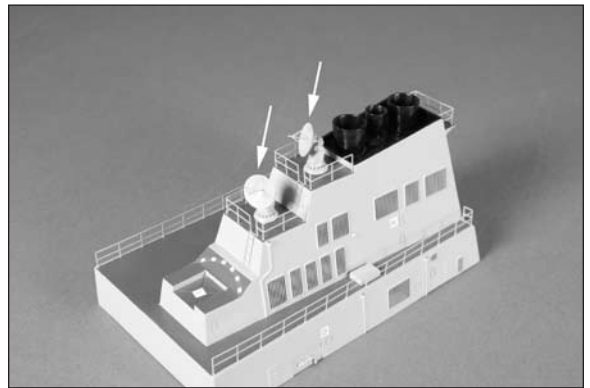
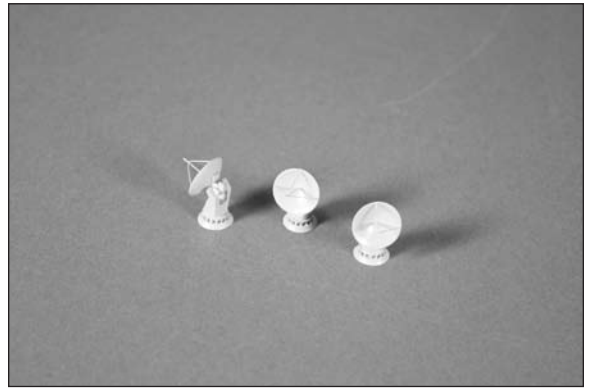
- 5. Accessory item E and location. Use a pin vise and 5/64-inch (2mm) drill bit to enlarge the hole in the hull for the accessory as shown before installation.



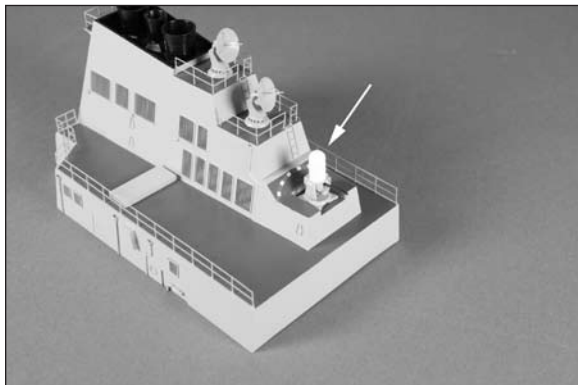
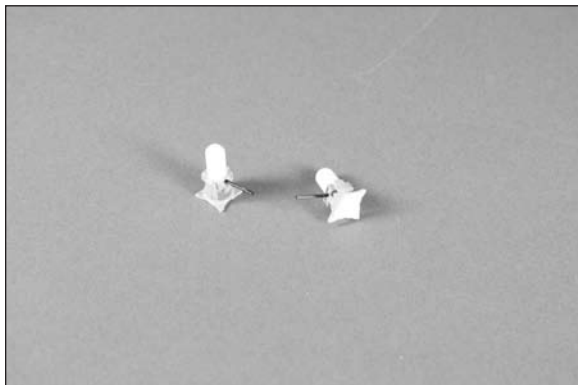
- 7. Accessory item G and location.



- 8. Accessory item H and location.



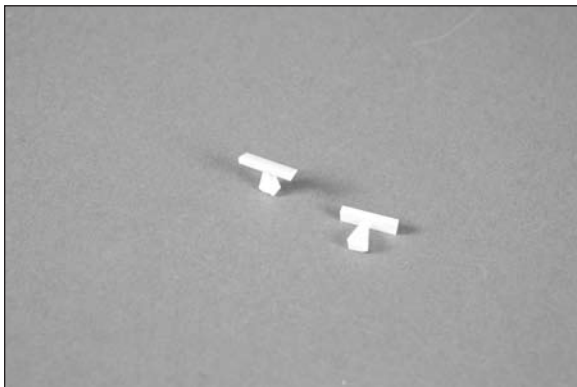
- 9. Accessory item I and location.



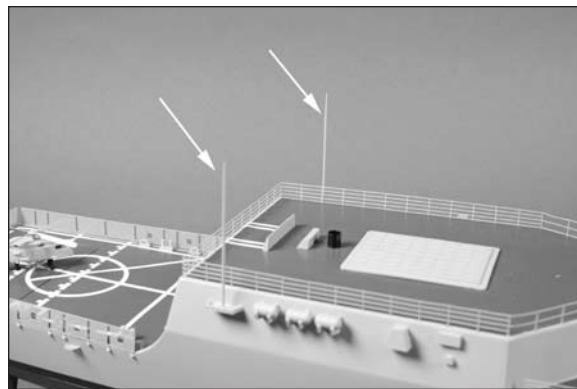
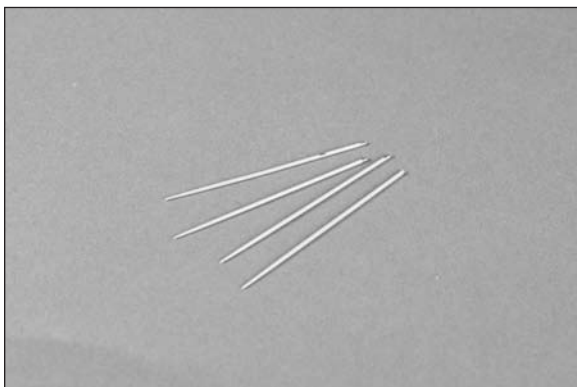
- 10. Accessory item J and location.



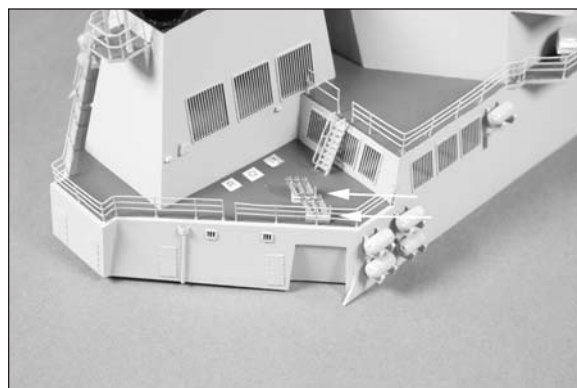
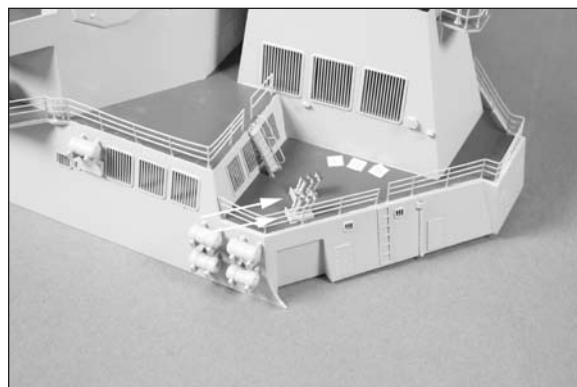
- 11. Accessory item K and location.



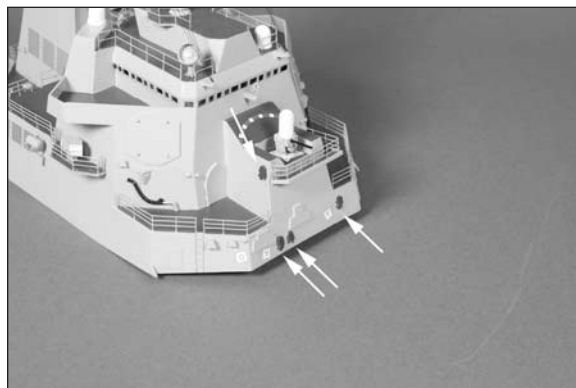
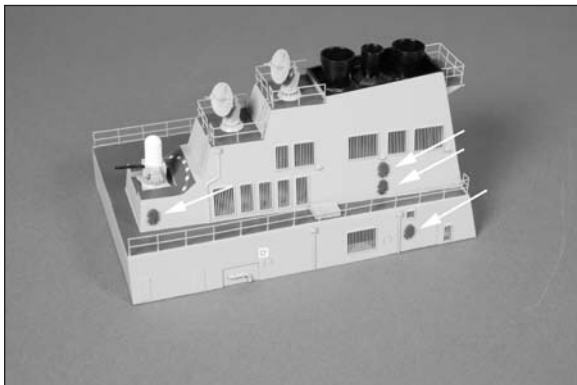
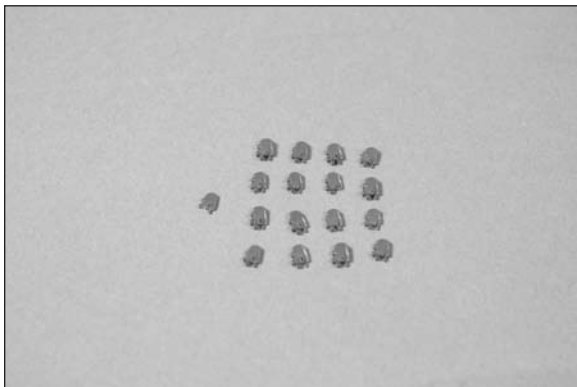
- 12. Accessory item L and location.



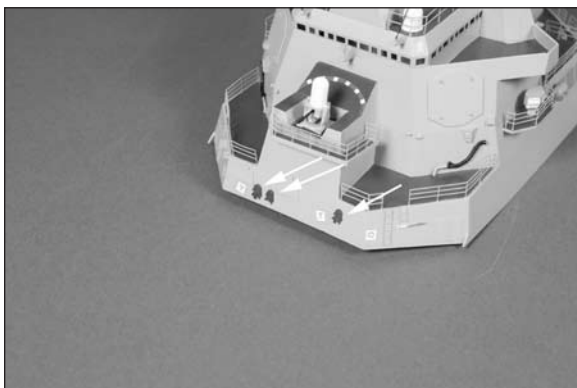
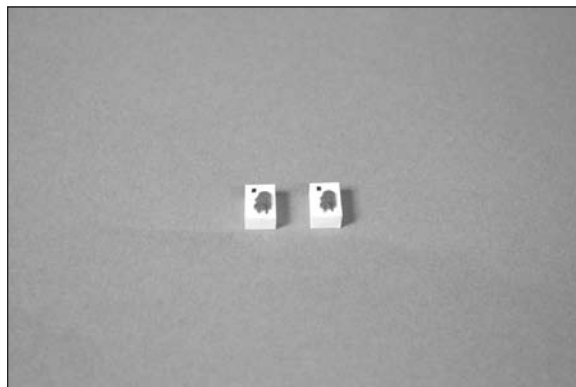
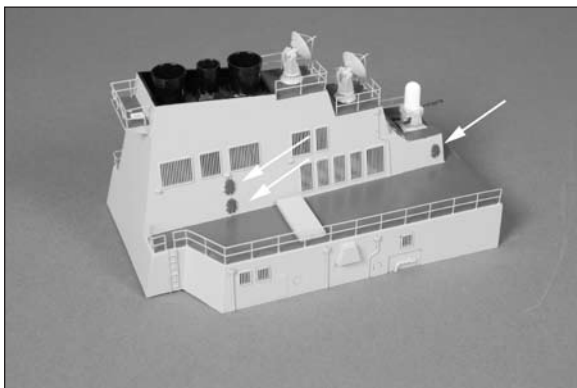
- 13. Accessory item M and location.



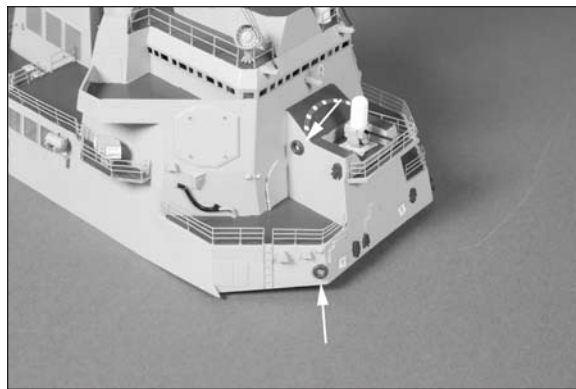
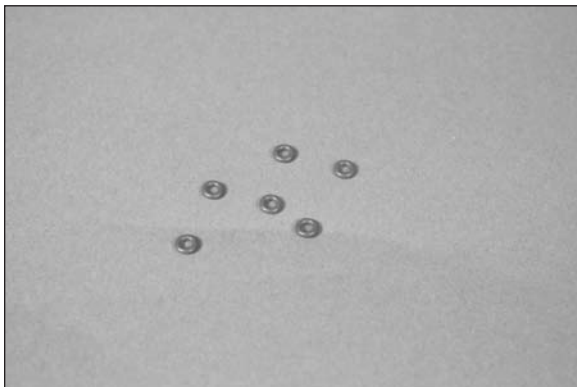
- 14. Accessory item N and location.



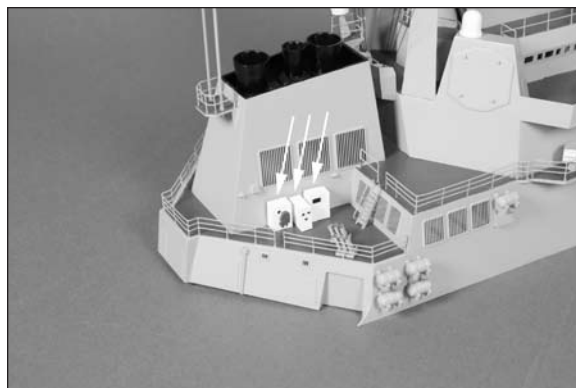
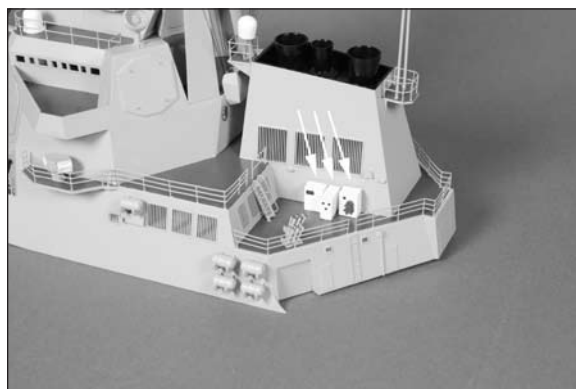
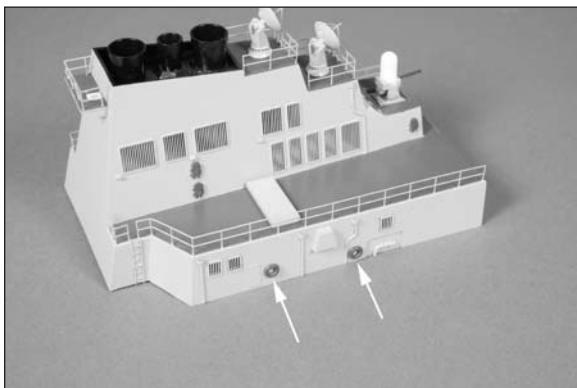
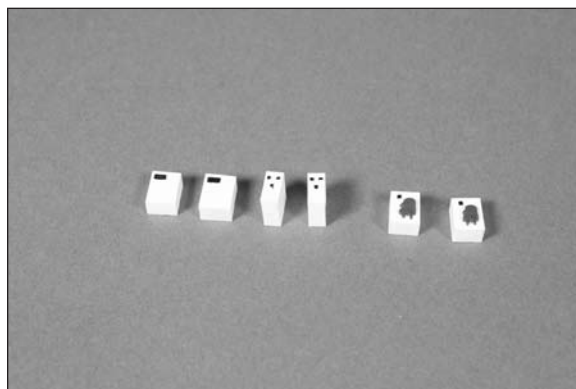
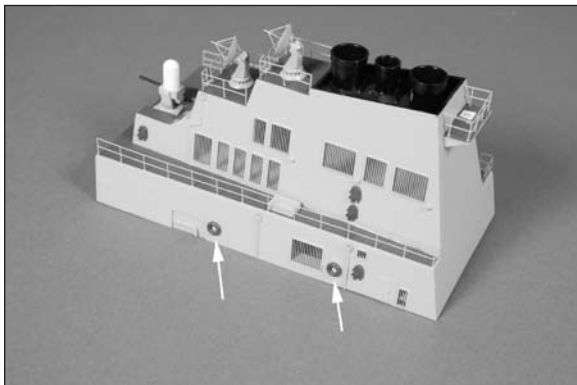
- 15. Two of the N items will be placed on accessory R as shown.



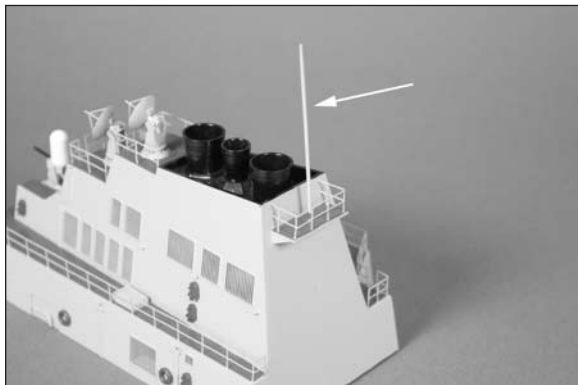
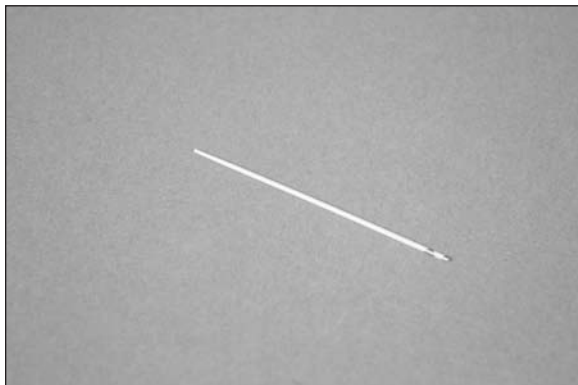
- 16. Accessory item O and location.



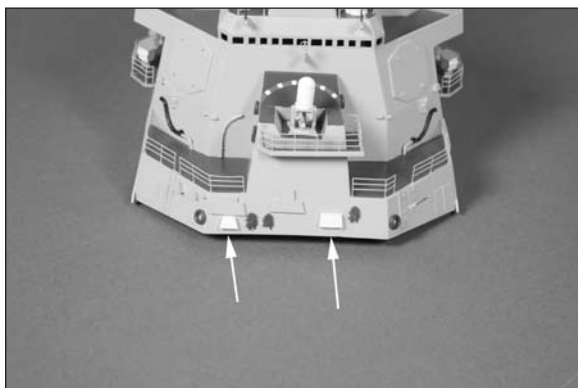
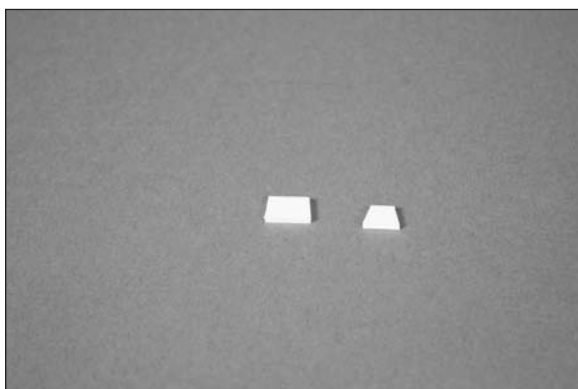
- 17. Accessory item P, Q and R and locations.



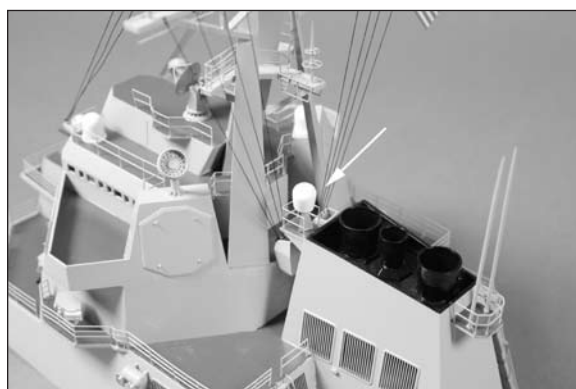
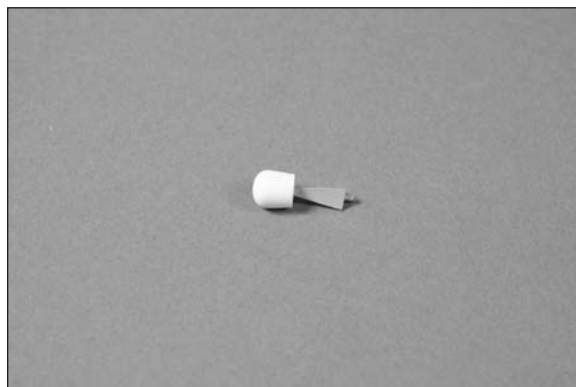
- 18. Accessory item S and location.



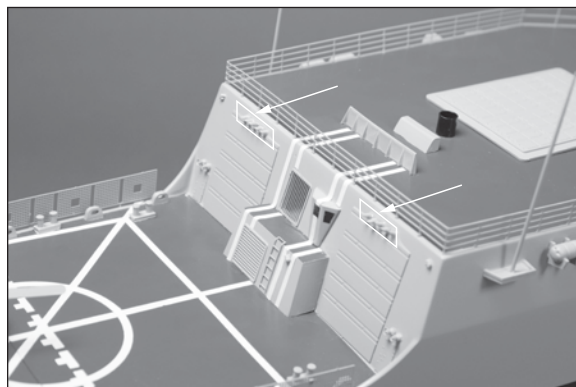
- 19. Accessory items T and Y and location.



- 20. The following accessories do not have designation letters associated with them. Use the following images to install these items.



- 1. Step text and photo.



Warranty and Repair Policy

Age Recommendation

14 years or over. This is not a toy. This product is not intended for use by children without direct adult supervision.

Warranty Period

Exclusive Warranty- Horizon Hobby, Inc., (Horizon) warrants that the Products purchased (the "Product") will be free from defects in materials and workmanship at the date of purchase by the Purchaser.

Limited Warranty

Horizon reserves the right to change or modify this warranty without notice and disclaims all other warranties, express or implied.

(a) This warranty is limited to the original Purchaser ("Purchaser") and is not transferable. REPAIR OR REPLACEMENT AS PROVIDED UNDER THIS WARRANTY IS THE EXCLUSIVE REMEDY OF THE PURCHASER. This warranty covers only those Products purchased from an authorized Horizon dealer. Third party transactions are not covered by this warranty. Proof of purchase is required for warranty claims.

(b) Limitations- HORIZON MAKES NO WARRANTY OR REPRESENTATION, EXPRESS OR IMPLIED, ABOUT NON-INFRINGEMENT, MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OF THE PRODUCT. THE PURCHASER ACKNOWLEDGES THAT THEY ALONE HAVE DETERMINED THAT THE PRODUCT WILL SUITABLY MEET THE REQUIREMENTS OF THE PURCHASER'S INTENDED USE.

(c) Purchaser Remedy- Horizon's sole obligation hereunder shall be that Horizon will, at its option, (i) repair or (ii) replace, any Product determined by Horizon to be defective. In the event of a defect, these are the Purchaser's exclusive remedies. Horizon reserves the right to inspect any and all equipment involved in a warranty claim. Repair or replacement decisions are at the sole discretion of Horizon. This warranty does not cover cosmetic damage or damage due to acts of God, accident, misuse, abuse, negligence, commercial use, or modification of or to any part of the Product. This warranty does not cover damage due to improper installation, operation, maintenance, or attempted repair by anyone other than Horizon. Return of any goods by Purchaser must be approved in writing by Horizon before shipment.

Damage Limits

HORIZON SHALL NOT BE LIABLE FOR SPECIAL, INDIRECT OR CONSEQUENTIAL DAMAGES, LOSS OF PROFITS OR PRODUCTION OR COMMERCIAL LOSS IN ANY WAY CONNECTED WITH THE PRODUCT, WHETHER SUCH CLAIM IS BASED IN CONTRACT, WARRANTY, NEGLIGENCE, OR STRICT LIABILITY. Further, in no event shall the liability of Horizon exceed the individual price of the Product on which liability is asserted. As Horizon has no control over use, setup, final assembly, modification or misuse, no liability shall be assumed nor accepted for any resulting damage or injury. By the act of use, setup or assembly, the user accepts all resulting liability.

If you as the Purchaser or user are not prepared to accept the liability associated with the use of this Product, you are advised to return this Product immediately in new and unused condition to the place of purchase.

Law: These Terms are governed by Illinois law (without regard to conflict of law principals).

Warranty Services

Questions, Assistance, and Repairs

Your local hobby store and/or place of purchase cannot provide warranty support or repair. Once assembly, setup or use of the Product has been started, you must contact Horizon directly. This will enable Horizon to better answer your questions and service you in the event that you may need any assistance. For questions or assistance, please direct your email to productsupport@horizonhobby.com, or call 877.504.0233 toll free to speak to a service technician.

Inspection or Repairs

If this Product needs to be inspected or repaired, please call for a Return Merchandise Authorization (RMA). Pack the Product securely using a shipping carton. Please note that original boxes may be included, but are not designed to withstand the rigors of shipping without additional protection. Ship via a carrier that provides tracking and insurance for lost or damaged parcels, as Horizon is not responsible for merchandise until it arrives and is accepted at our facility. A Service Repair Request is available at www.horizonhobby.com on the "Support" tab. If you do not have internet access, please include a letter with your complete name, street address, email address and phone number where you can be reached during business days, your RMA number, a list of the included items, method of payment for any non-warranty expenses and a brief summary of the problem. Your original sales receipt must also be included for warranty consideration. Be sure your name, address, and RMA number are clearly written on the outside of the shipping carton.

Warranty Inspection and Repairs

To receive warranty service, you must include your original sales receipt verifying the proof-of-purchase date. Provided warranty conditions have been met, your Product will be repaired or replaced free of charge. Repair or replacement decisions are at the sole discretion of Horizon Hobby.

Non-Warranty Repairs

Should your repair not be covered by warranty the repair will be completed and payment will be required without notification or estimate of the expense unless the expense exceeds 50% of the retail purchase cost. By submitting the item for repair you are agreeing to payment of the repair without notification. Repair estimates are available upon request. You must include this request with your repair. Non-warranty repair estimates will be billed a minimum of ½ hour of labor. In addition you will be billed for return freight. Please advise us of your preferred method of payment. Horizon accepts money orders and cashiers checks, as well as Visa, MasterCard, American Express, and Discover cards. If you choose to pay by credit card, please include your credit card number and expiration date. Any repair left unpaid or unclaimed after 90 days will be considered abandoned and will be disposed of accordingly. Please note: non-warranty repair is only available on electronics and model engines.

Warranty Services

United States

Electronics and engines requiring inspection or repair should be shipped to the following address:

**Horizon Service Center
4105 Fieldstone Road
Champaign, Illinois 61822
USA**

All other Products requiring warranty inspection or repair should be shipped to the following address:

**Horizon Product Support
4105 Fieldstone Road
Champaign, Illinois 61822
USA**

Please call 877-504-0233 or e-mail us at productsupport@horizonhobby.com with any questions or concerns regarding this product or warranty.

United Kingdom

Electronics and engines requiring inspection or repair should be shipped to the following address:

**Horizon Hobby UK
Units 1-4 Ployters Rd
Staple Tye
Harlow, Essex
CM18 7NS
United Kingdom**

Please call +44 (0) 1279 641 097 or e-mail us at sales@horizonhobby.co.uk with any questions or concerns regarding this product or warranty.

Germany

Electronics and engines requiring inspection or repair should be shipped to the following address:

**Horizon Technischer Service
Hamburger Strasse 10
25335 Elmshorn
Germany**

Please call +49 4121 46199 66 or e-mail us at service@horizonhobby.de with any questions or concerns regarding this product or warranty.

France

**Horizon Hobby SAS
14 Rue Gustave Eiffel
Zone d'Activité du
Réveil Matin
91230 Montgeron**

Please call +33 (0) 1 60 47 44 70 with any questions or concerns regarding this product or warranty.

Compliance Information for the European Union



Declaration of Conformity

(in accordance with
ISO/IEC 17050-1)

No. HH20100304

Product(s): Arleigh Burke-Class
Destroyer EP PNP

Item Number(s): PRB3375

The object of declaration described above
is in conformity with the requirements of
the specifications listed below, following the
provisions of the European EMC Directive
2004/108/EC:

EN55022 Radio disturbance characteristics

EN55024 Immunity characteristics

Signed for and on behalf of:

Horizon Hobby, Inc.

Champaign, IL USA

March 04, 2010

Steven A. Hall

Vice President

International Operations and Risk
Management

Horizon Hobby, Inc.



Instructions for Disposal of WEEE by Users in the European Union

This product must not be disposed
of with other waste. Instead, it is
the user's responsibility to dispose of
their waste equipment by handing it over to
a designated collection point for the recycling
of waste electrical and electronic equipment.
The separate collection and recycling of your
waste equipment at the time of disposal
will help to conserve natural resources and
ensure that it is recycled in a manner that
protects human health and the environment.
For more information about where you can
drop off your waste equipment for recycling,
please contact your local city office, your
household waste disposal service or where
you purchased the product.



Replacement Parts

Go to ProBoatModels.com to see photos of the replacement parts listed under Arleigh Burke-Class Destroyer. If you have any questions concerning the setup or running of your model, please see page 20 to contact the appropriate Horizon service center.

PRB3351	Hull Only	PRB3368	Radar Dish (3)
PRB3352	Super Structure (F)	PRB3369	Torpedo Tubes (2)
PRB3353	Super Structure (R)	PRB3370	Cleet Set (13)
PRB3354	Metal Detail Parts	PRB3371	Fire Hose (14)
PRB3355	Flag	PRB3372	Life Ring
PRB3356	Propeller (2)	PRB3373	VLS Hatch (F/R)
PRB3357	Motor with wires	PRB3374	Torpedo Crane (2)
PRB3358	ESC 40A with Reverse	PRB3376	Propeller Shaft
PRB3359	Drive Coupler	PRB3377	Exhaust Stack and Port(7)
PRB3360	Motor Mount Plate	PRB3378	CIWS/Plalanx Gun (2)
PRB3361	Heli	PRB3379	Satellite Antenna (2)
PRB3362	Rudder (2)	PRB3380	Anchor Chain Guide (2)
PRB3363	5-inch Gun	PRB3381	Misc. Hull Accessories
PRB3364	Lifeboat and Crane (2)	PRB3382	Cabinets (6)
PRB3365	Life Raft (15)	PRB3383	Misc. Antennas and Radar
PRB3366	EW Antenna (2)	PRB3384	Boat Stand
PRB3367	6 Tube Launcher (4)		



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