



ASSEMBLY INSTRUCTIONS FOR THE MODERN USS NEW JERSEY FITTINGS SET

This set has been especially designed to fit the 1/350 scale plastic kit of the modernized U. S. Navy battleship *New Jersey* by Tamiya. With minimal modification, it can also be used with the 1/350 scale Revell kit of the same ship. Additionally, parts are provided to assist experienced scratchbuilders in completing either of these kits as the *New Jersey* appeared in 1968 during her brief tour of duty in Viet Nam. **NOTE:** the 1968 conversion will require the purchase of *two* plastic kits - one of the modernized *New Jersey*, and the other of the World War Two *Missouri*. This is because the 1968 version had a WW2-type superstructure with ten 5" gun mounts, but with modernized antennas, rafts, and other fittings. Detailed drawings and photos of the 1968 version are available in the book *"Iowa-Cass Battleships"* by Robert F. Sumrall and Tom Walkowiak (see reference list on reverse side.)

GENERAL INSTRUCTIONS: Photoetched metal fittings can be cut from their "sprue" by placing them on a hard surface, such as glass, and bearing down upon the thin metal filaments holding the part to the sprue with the tip of a *sharp* No. 11 X-acto knife blade. Precision manicure scissors may also be used. Remove parts only when you need them to avoid loss or damage. Before attempting to work with etched parts, practice on scrap, or on parts that won't be used on your project to gain experience. Use small flat-nosed pliers or tweezers to bend angles in cranes, catapults, and similar items. Cross-action tweezers held in a device such as X-acto's "Third Hand" can be used as a small clamp to hold tiny assemblies.

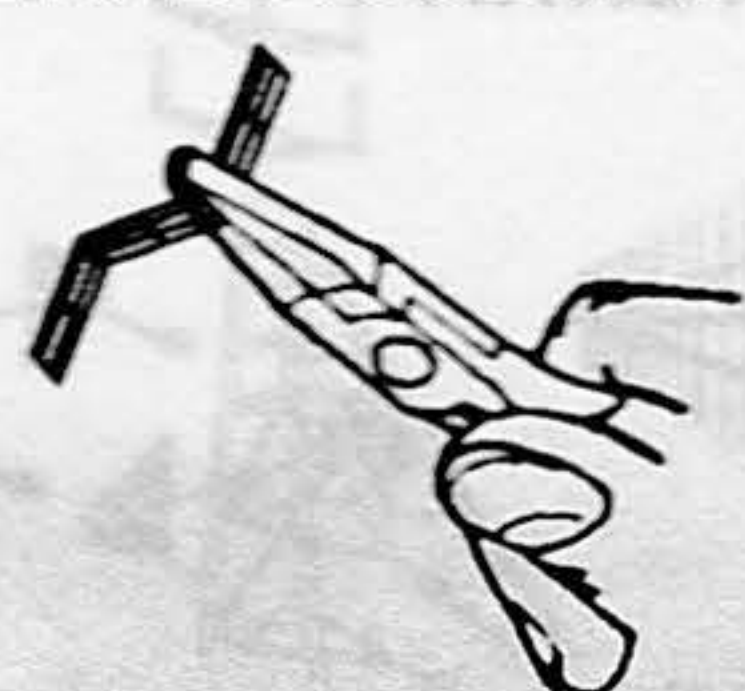
ATTACHING PARTS: To attach these fittings to the plastic model, or even to each other, use either cyanoacrylate glue (CA, or the so-called "superglue"), or white glue. A finely tipped Teflon nozzle is useful for applying the CA type adhesive while a pointed paintbrush may be used with white glue as water is sufficient for cleaning the brush. After the glue has dried, excessive glue deposits may be scraped away with a *sharp* X-acto knife blade.

RAILINGS: Railings may be cut to length and bent to shape as necessary, using the model's deck edges as a guide. Once all the railings have been prepared, they can be spray painted the proper color. When dry, the rails may then be glued to the model's decks. Wherever vertical ladders are attached to bulkheads below the railings' level, cut out a gap in the railing equal in width to the ladder to permit access. Also, on the main deck, be sure to cut away that portion of the railing which obstructs the openings of chocks (fairleads) around the deck's edges. Note that the etched railing sections are numbered according to style. The proper placement is shown for each model on the reverse side. Pre-curved bow railings are provided for upswept forward decks.

LADDERS: Metal vertical ladders are provided for use on bulkheads and masts. The inclined ladders have handrails that are to be folded up to a vertical position before the ladder can be attached to the model.

OTHER FITTINGS: Follow the illustrated instructions on this sheet. Spares are provided for some of the smaller parts.

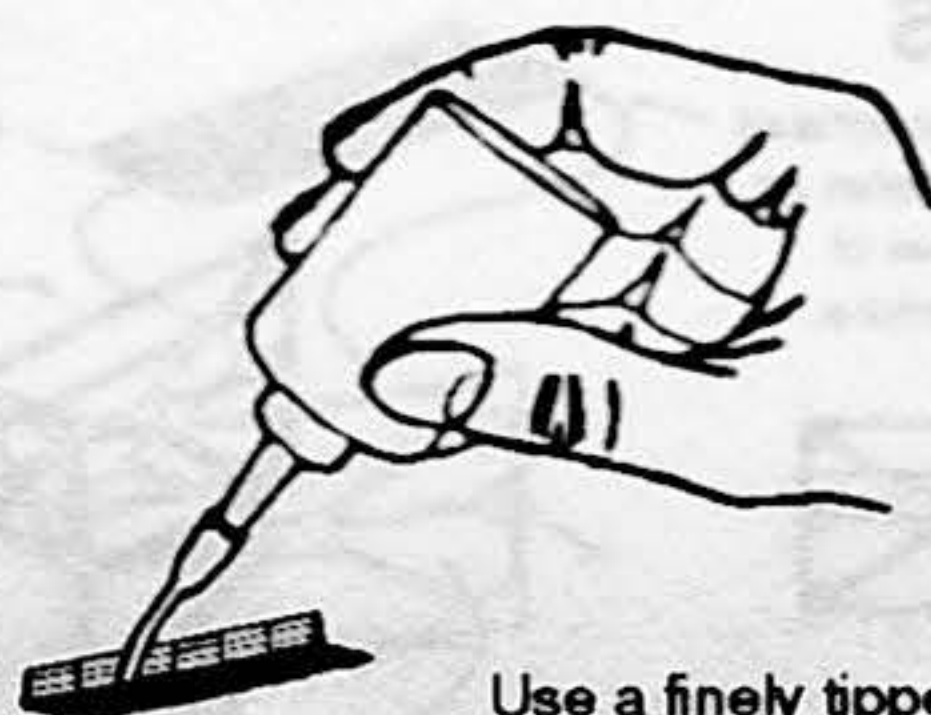
GENERAL ASSEMBLY TIPS



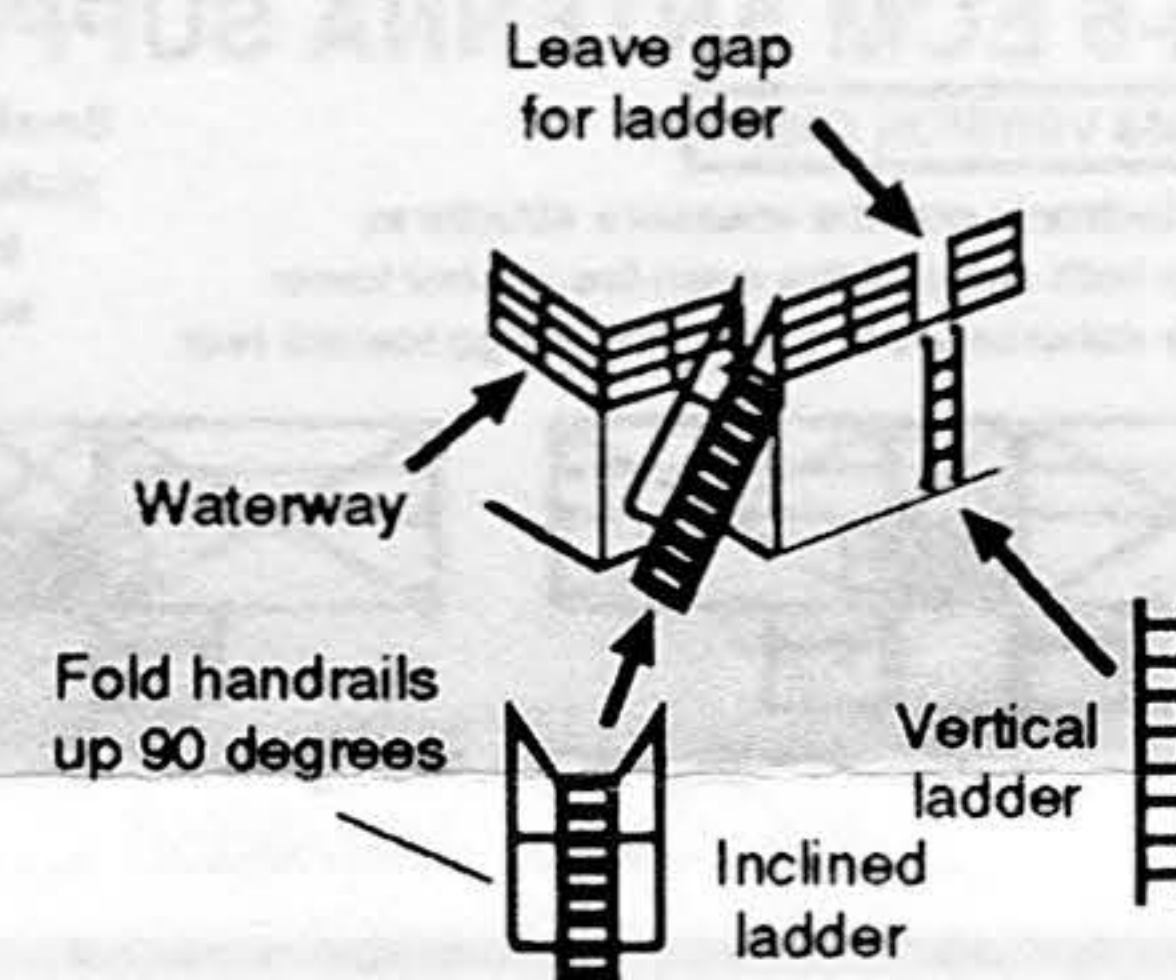
Use flat-nose pliers to create sharp bends



To create smooth curves in railings, first roll a section of railing around a cylindrical object such as a tool handle or brass tubing before installing.

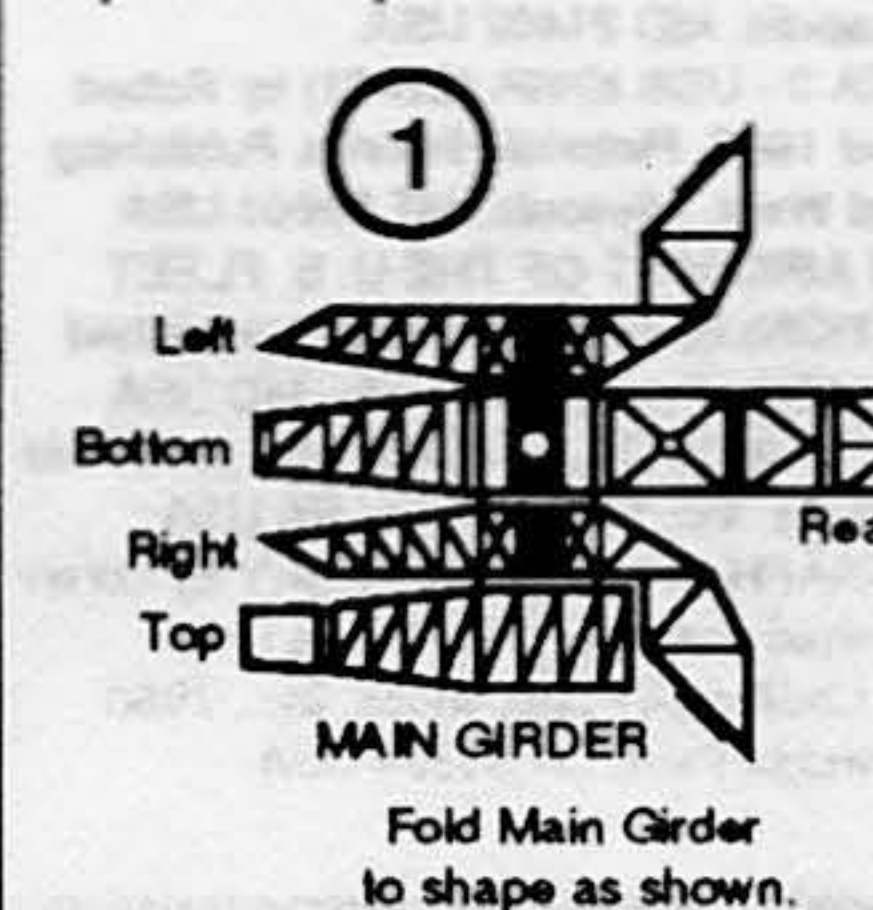


Use a finely tipped Teflon nozzle when using "CA" type glues to attach railings.

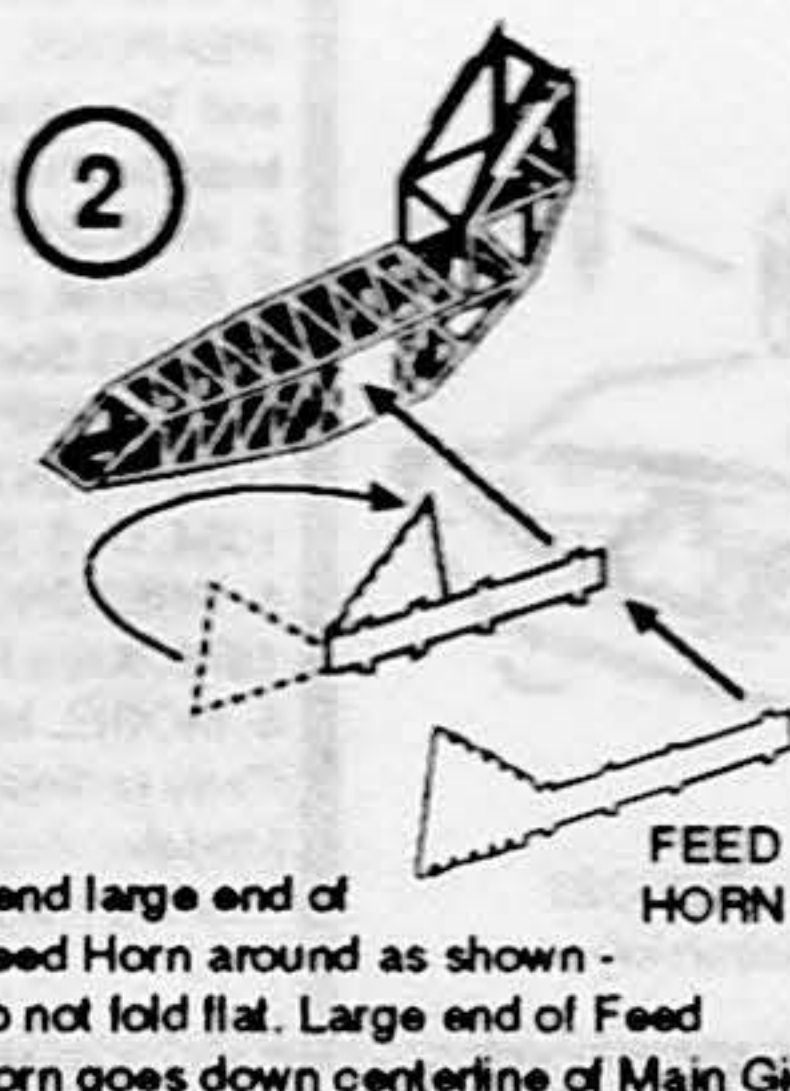


SPS-49 RADAR

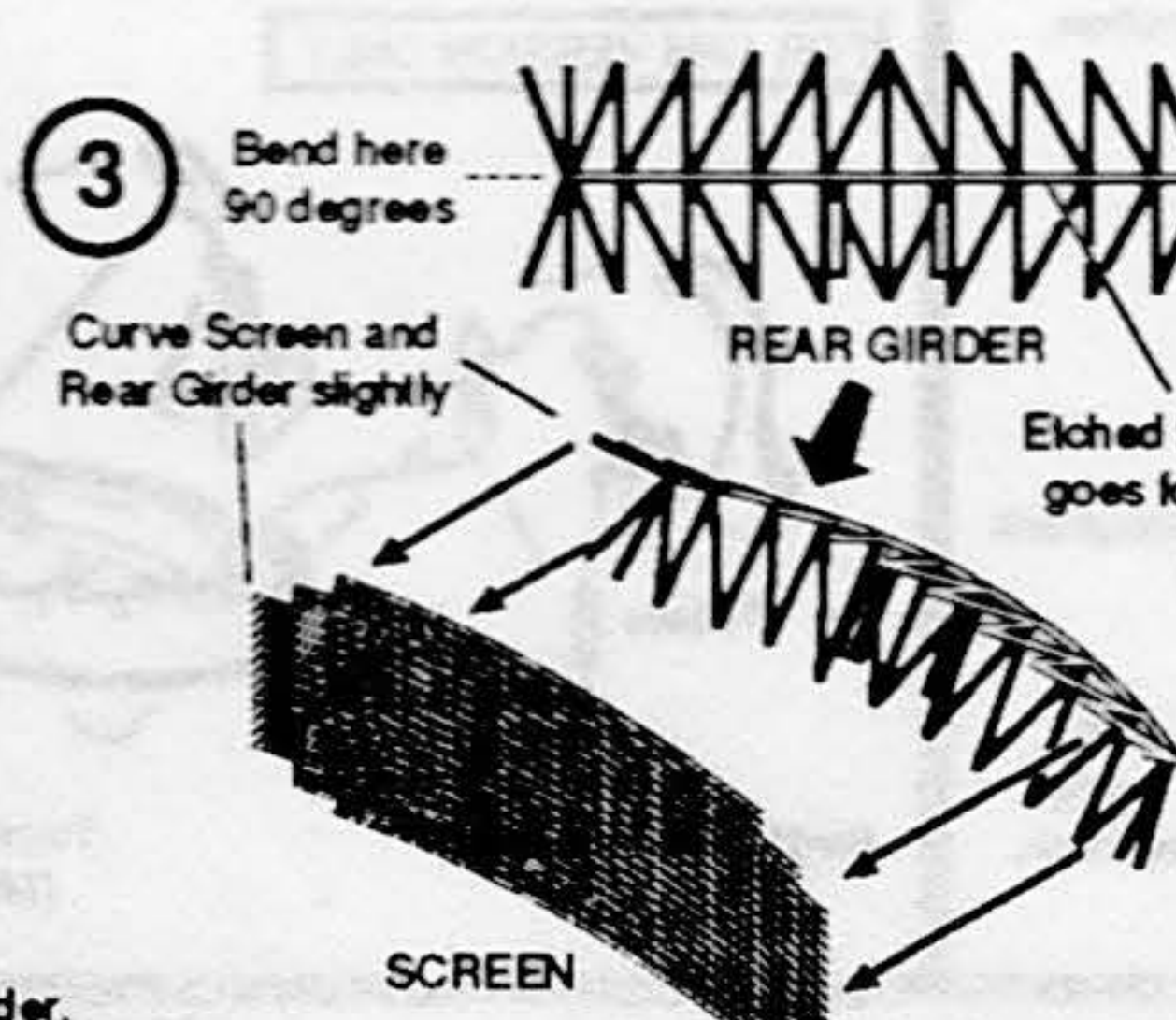
Replaces Tamiya Parts D10 and D20



Fold Main Girder to shape as shown.



Bend large end of Feed Horn around as shown - do not fold flat. Large end of Feed Horn goes down centerline of Main Girder.



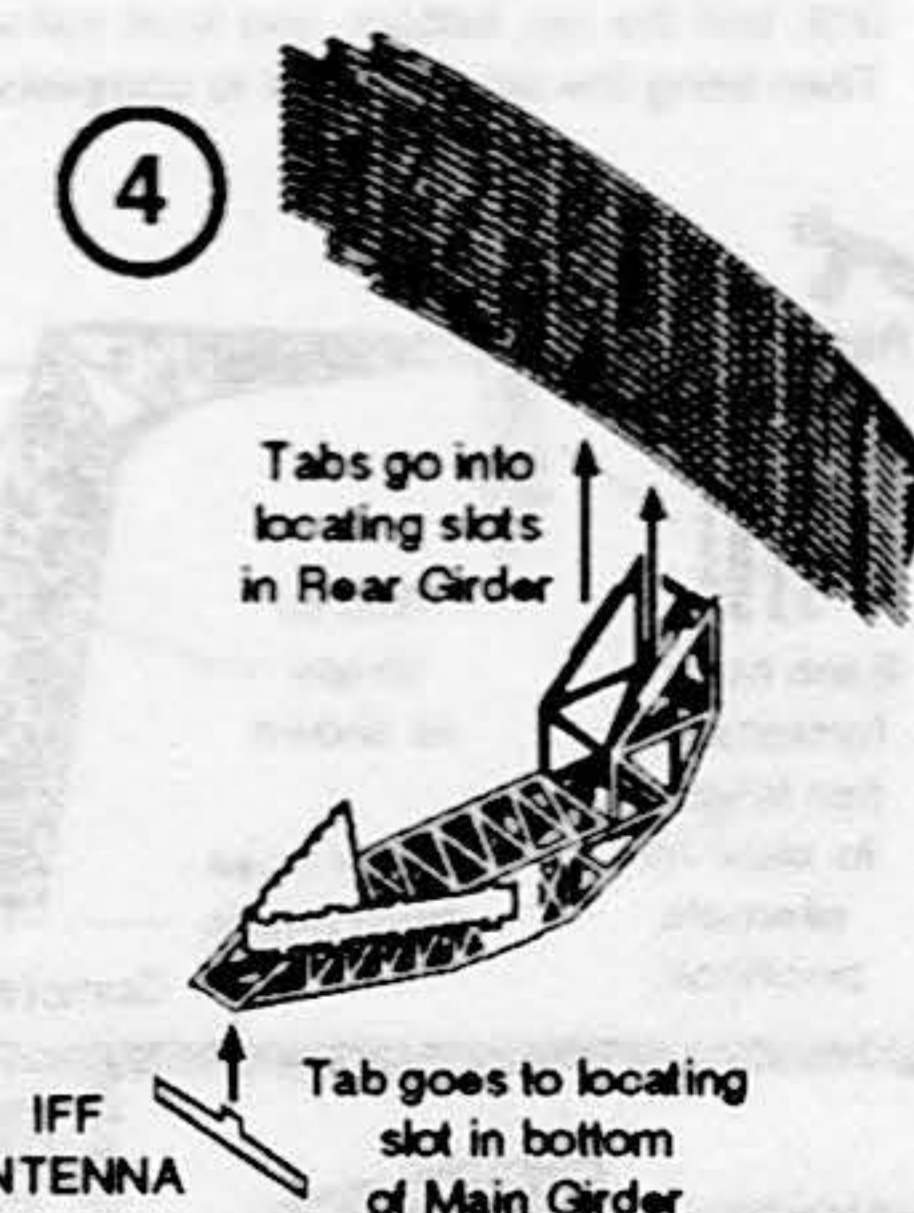
Bend here 90 degrees

Curve Screen and Rear Girder slightly

REAR GIRDER

Etched fold line goes forward

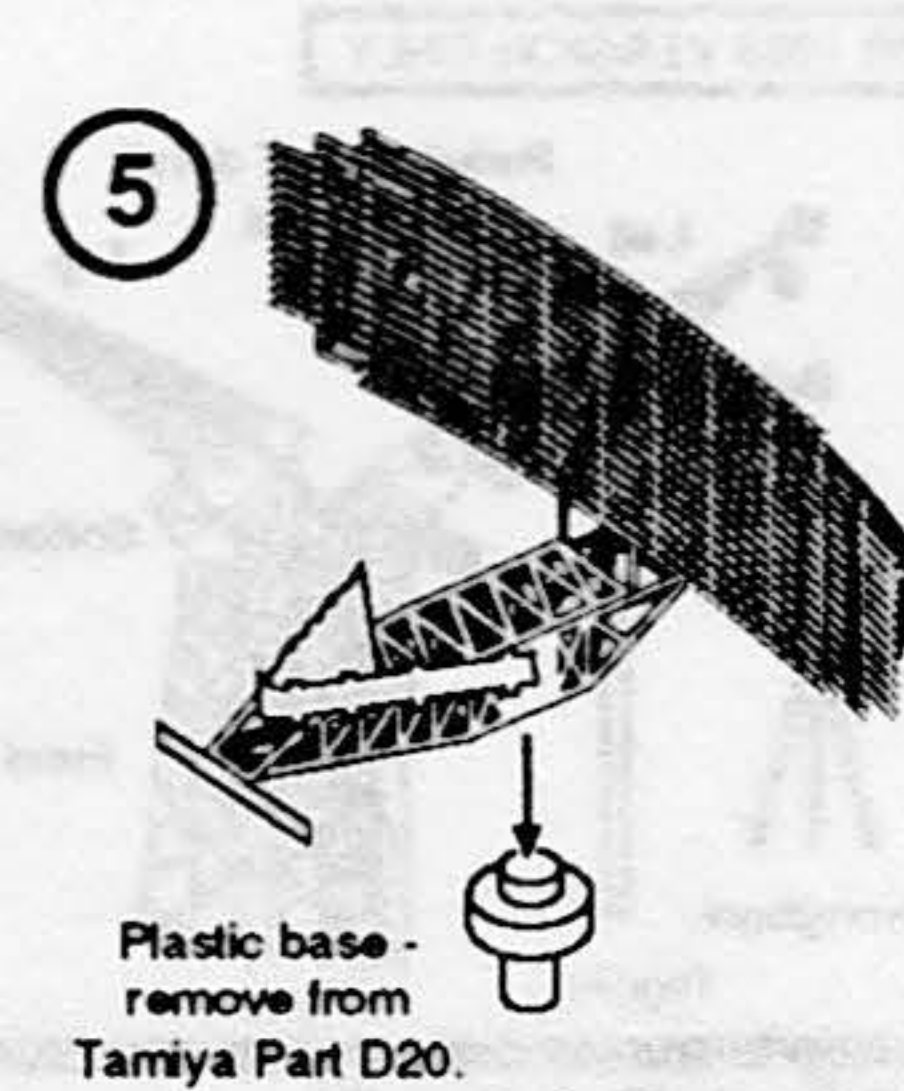
SCREEN



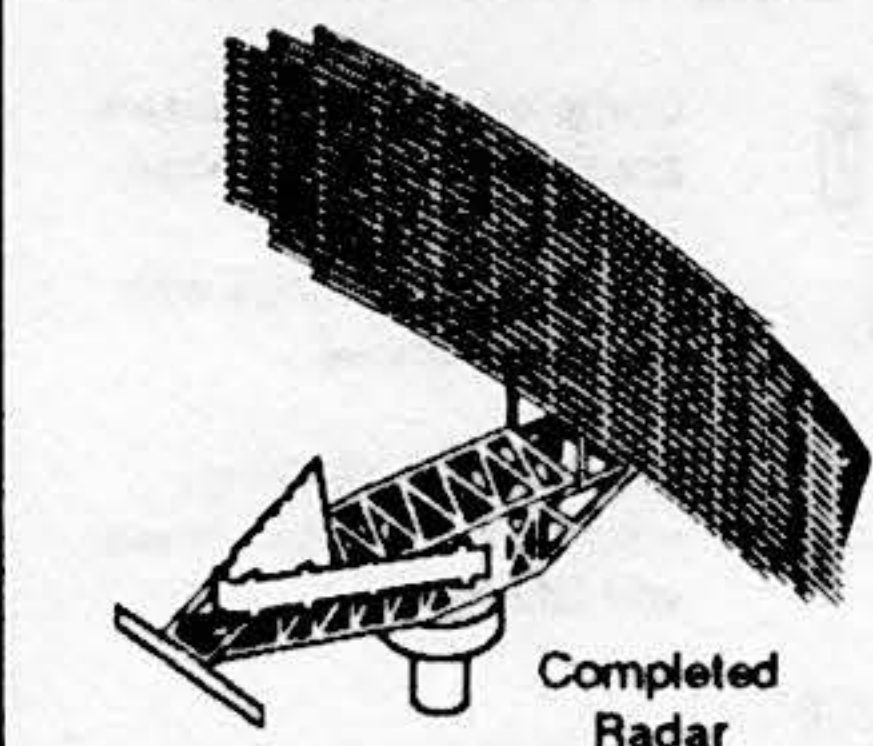
IFF ANTENNA

Tab goes into locating slot in Rear Girder

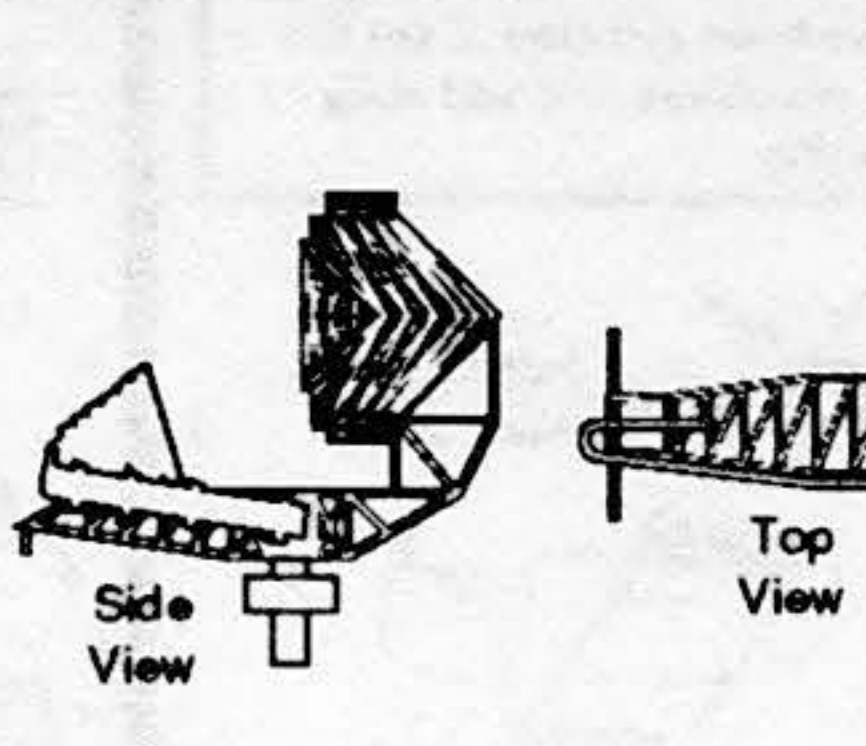
Tab goes to locating slot in bottom of Main Girder



Plastic base - remove from Tamiya Part D20.



Completed Radar



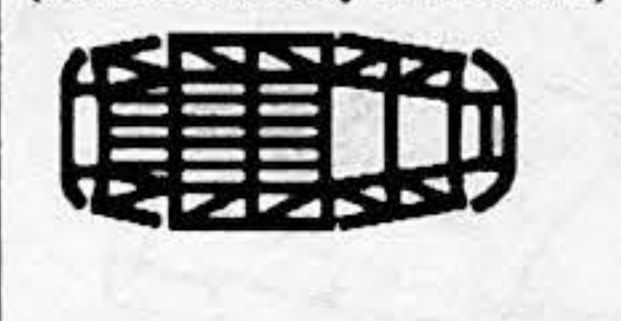
Side View



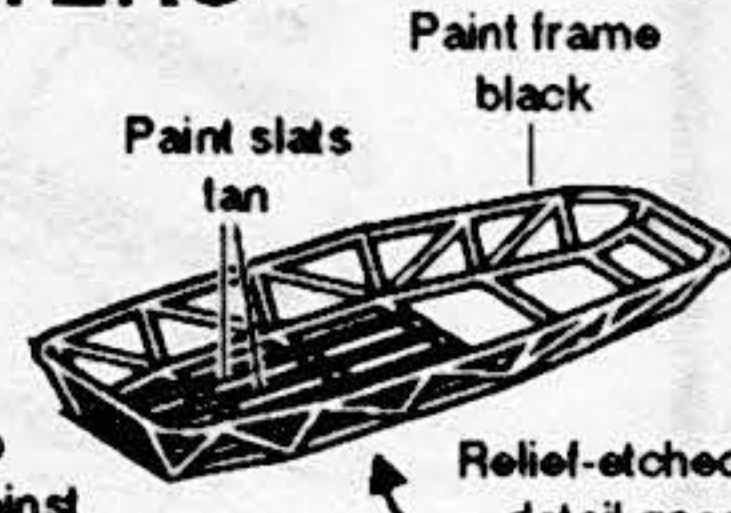
Top View

STOKES LITTERS

(Battle casualty stretchers)



Fold sides and ends up as shown



Paint frame black

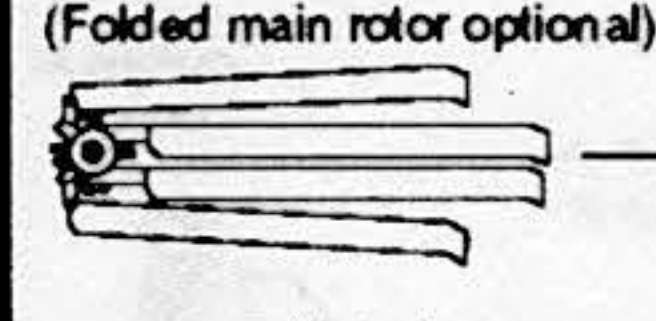
Paint slats tan

Relief-etched detail goes on bottom

Open top goes against bulkhead when stowed

SEAHAWK HELICOPTER ROTORS

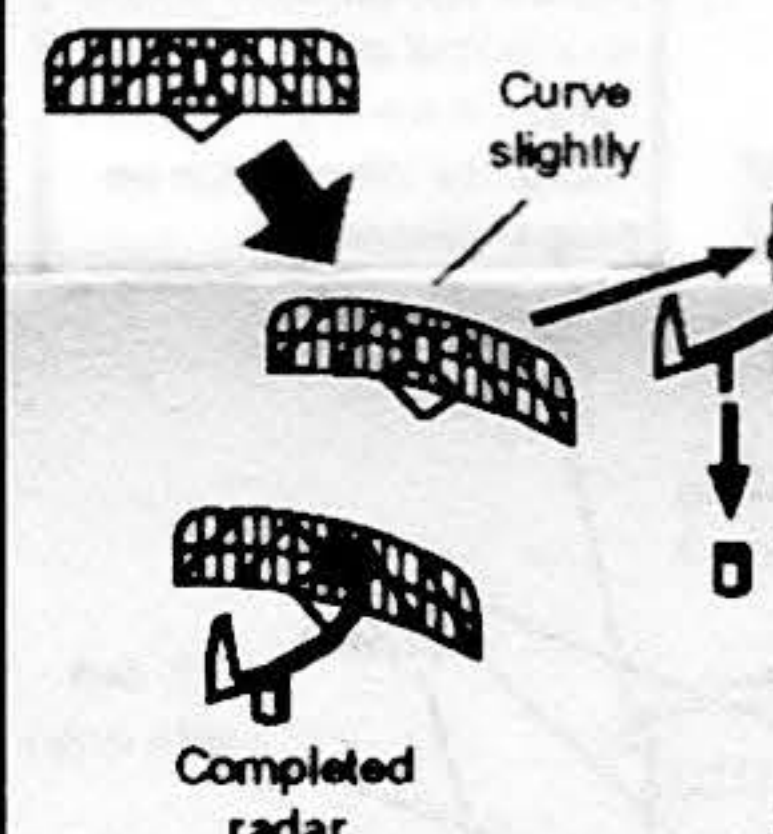
(Folded main rotor optional)



Note the proper orientation of main rotor's swept back tips and trailing edges.

SPS-10 RADAR

Replaces Tamiya Part D6



Curve slightly

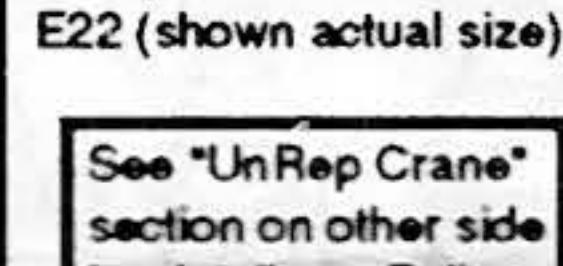
Make from rod or tubing

Completed radar

Side View

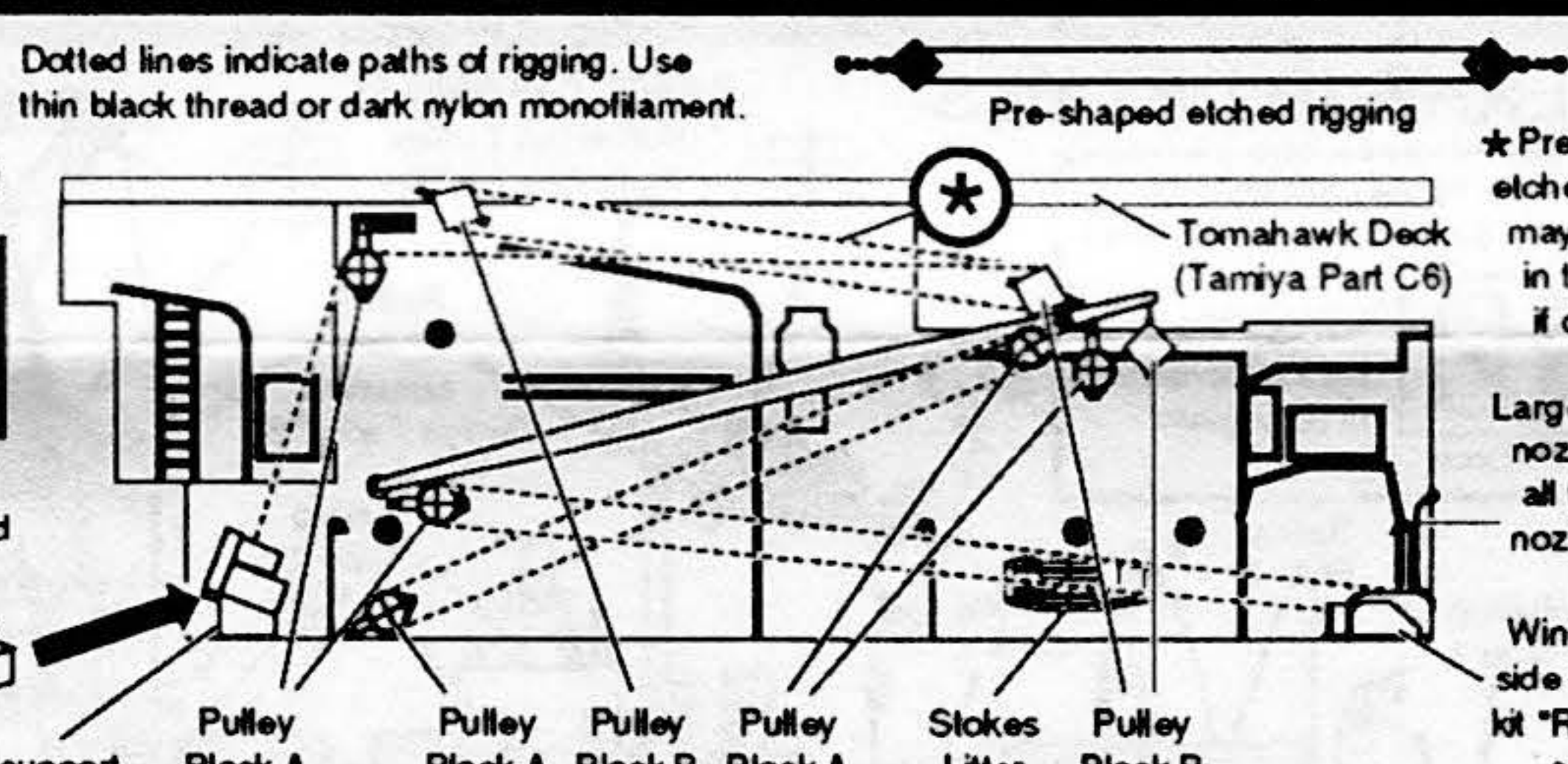
DERRICK

Tamiya kit Parts D3 & E22 (shown actual size)



Make winch from plastic block and rod

Aft Left 3/4 Make angled support



Dotted lines indicate paths of rigging. Use thin black thread or dark nylon monofilament.

Pre-shaped etched rigging

Tomahawk Deck (Tamiya Part C6)

Pulley Block A

Pulley Block B

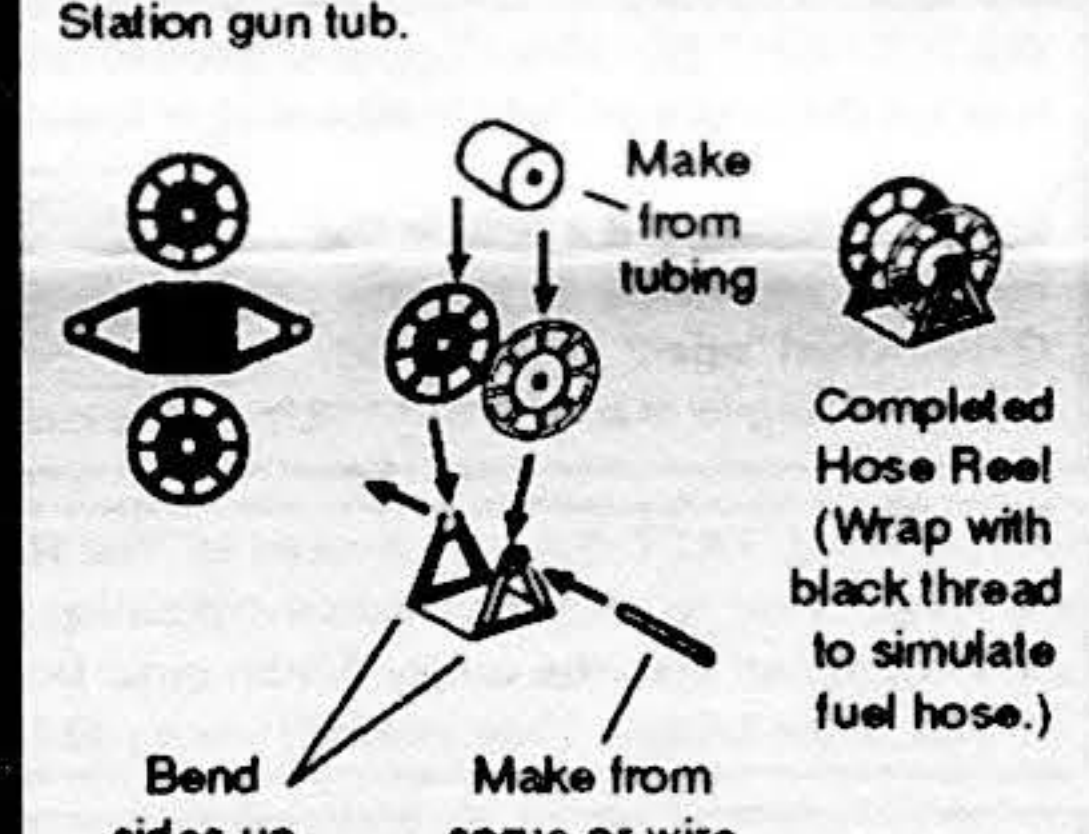
Stokes Litter

Pulley Block B

Winch on left side of Tamiya kit "Rear Deck" section.

FUEL HOSE REEL

Hose reel goes inside left Helicopter Refueling Station gun tub.



Make from tubing

Completed Hose Reel (Wrap with black thread to simulate fuel hose.)

Bend sides up

Make from sprue or wire

Mk. 37 5" GUN DIRECTOR RADARS



Radar Base

Tamiya kit Part G23

Side view

Bend to shape as shown

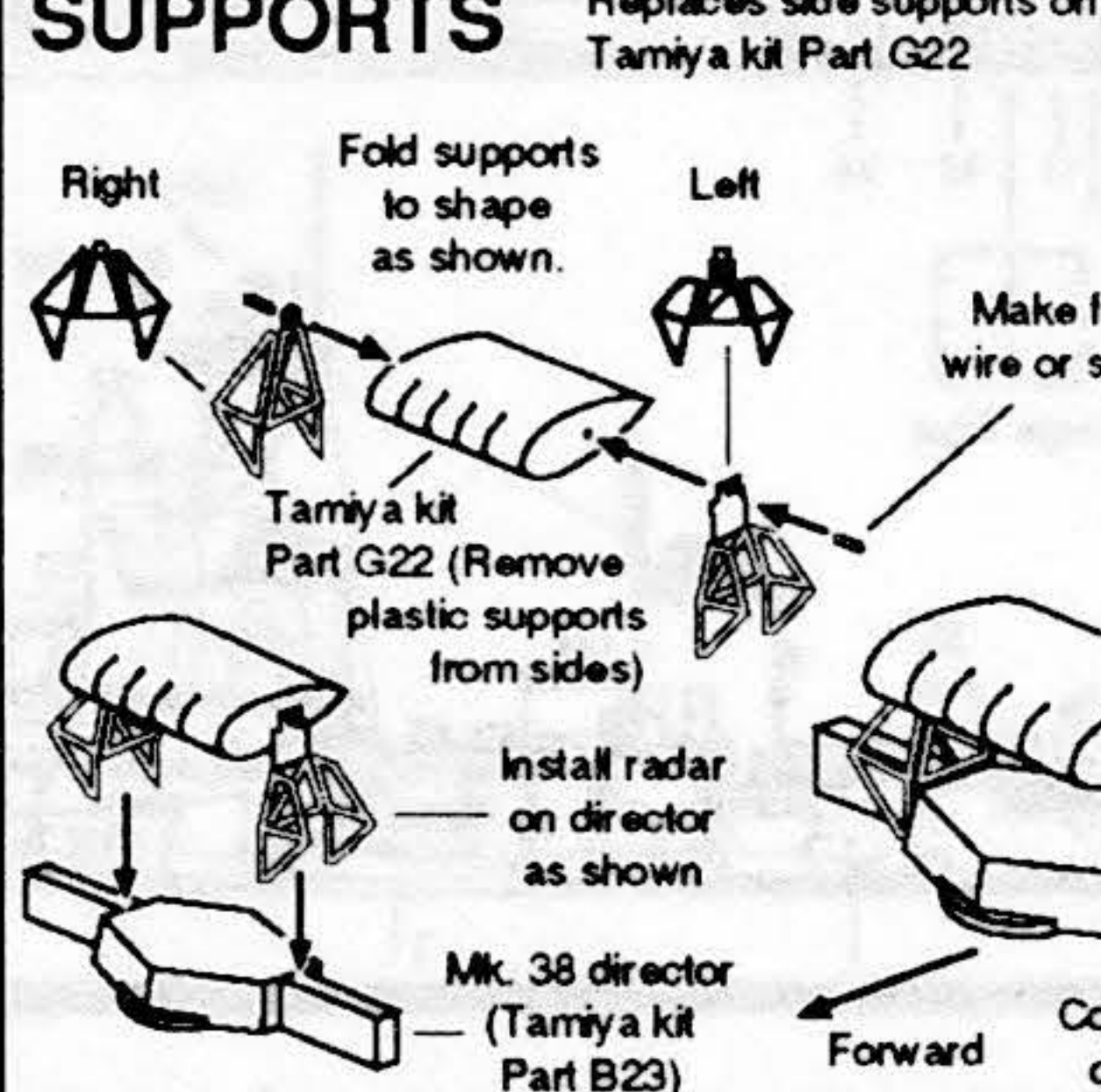
Tamiya kit Part B32 (remove molded radar base from top)

Completed director with radar and base installed

Side view

Mk. 13 RADAR DIRECTOR SUPPORTS

Replaces side supports on Tamiya kit Part G22



Right

Fold supports to shape as shown.

Left

Make from wire or sprue.

Tamiya kit Part G22 (Remove plastic supports from sides)

Install radar on director as shown

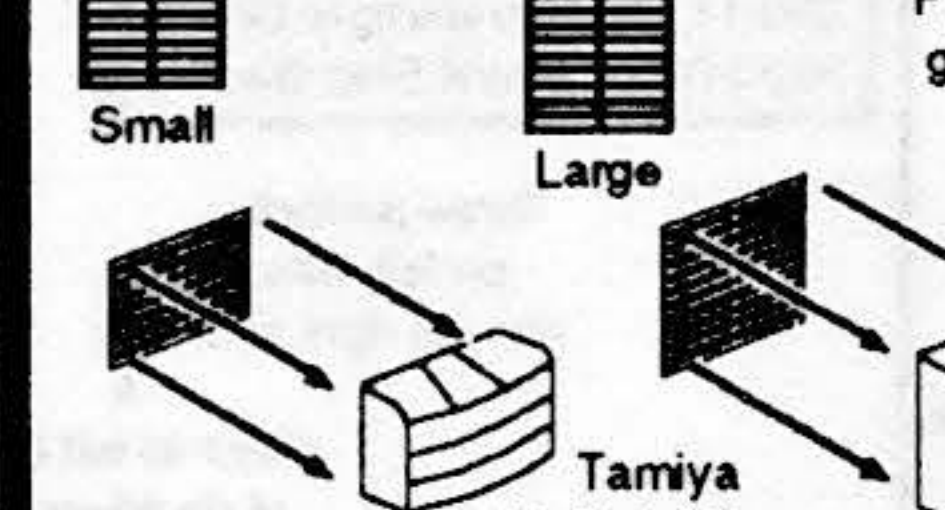
Mk. 38 director (Tamiya kit Part B23)

Forward

Completed director

LIFE RAFT BACKS

Small Large



Paint life raft backs haze gray and life rafts black. When dry, glue the backs to rafts as shown.

Tamiya kit Part G1

Tamiya kit Parts G2 & G3

Completed

Completed

Completed

Completed

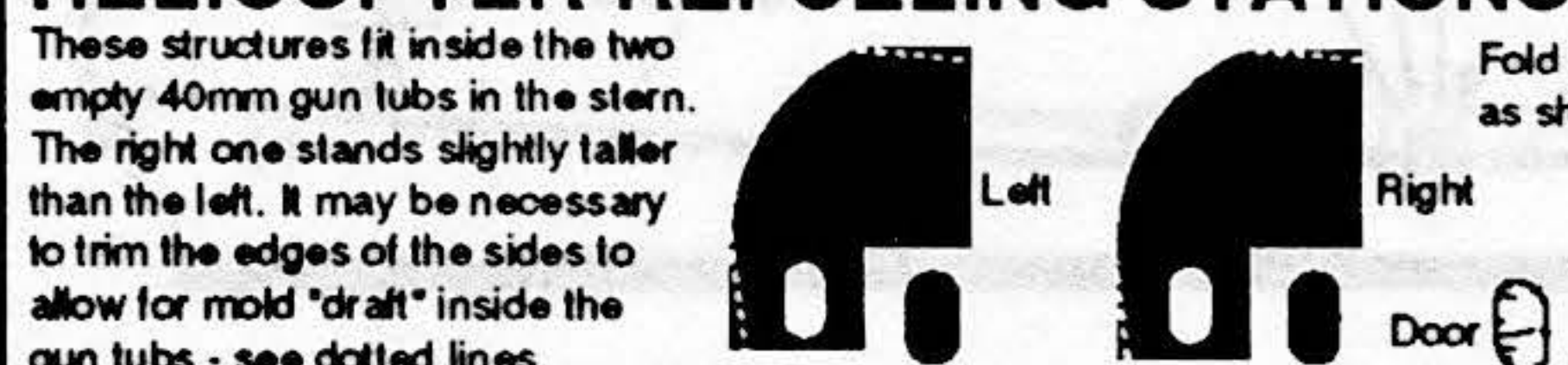
Completed

Completed

Completed

Completed

HELICOPTER REFUELING STATIONS



These structures fit inside the two empty 40mm gun tubs in the stern. The right one stands slightly taller than the left. It may be necessary to trim the edges of the sides to allow for mold "draft" inside the gun tubs - see dotted lines.

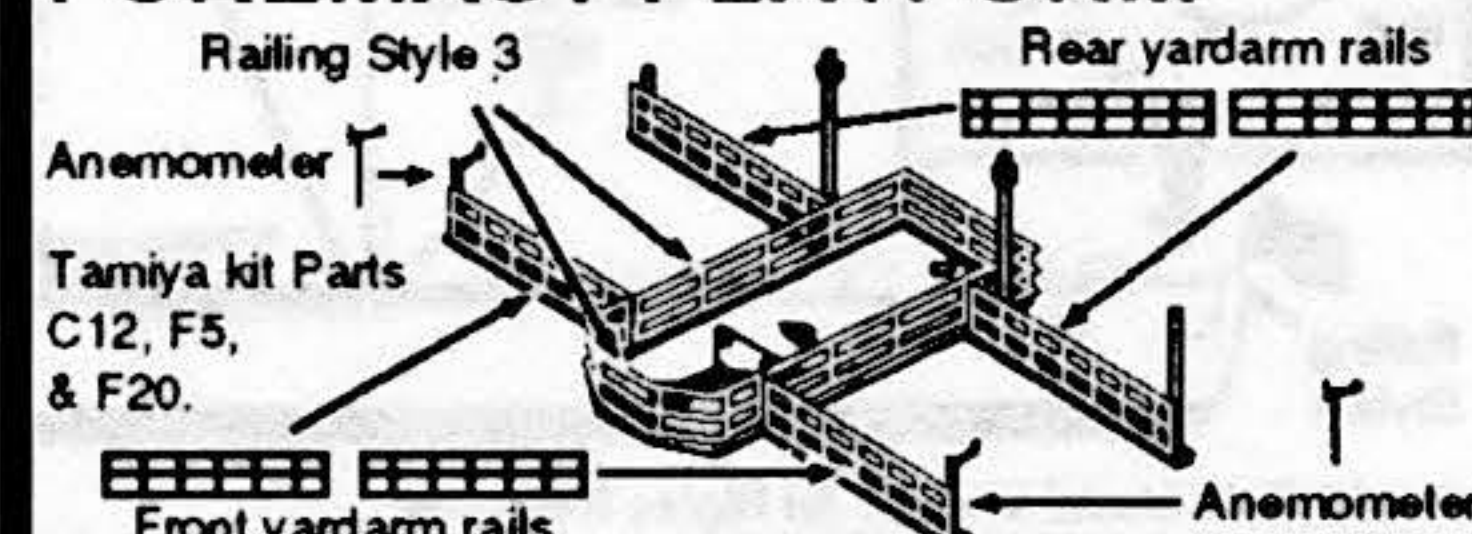
Left

Right

Door

Fold to shape as shown

FOREMAST PLATFORM



Railing Style 3

Anemometer

Tamiya kit Parts C12, F5, & F20.

Front yardarm rails

Rear yardarm rails

Anemometer

