

# HULL BUSTERS

APRIL 1982

HOWDY MATES. Well I received three Logos. The first one received is the one above. The next two will be in the next two Busters. Now don't judge the entries by their lettering. They didn't know I was going to xerox their entries onto the Top of the Busters. Who will win the fabulous trip to Hawaii? It's narrowed down to three lucky people. Enough of this B.S., Let's move on to some other B.S.

## 1982 NATS IN AMARILLO

Due to the mostly negative response from the World's Fair people, and the results of the pole taken in the previous Busters, the 1982 NATS will be in good old Amarillo. The criteria considered was based on where we get the most participants, then financial impact on those participants. When the facts were weighed, Amarillo was the winner. This was slightly disappointing, due to the desire to spread the NATS around, but as our numbers increase, the day will come when they are not always in Amarillo....we hope. The date is also fixed to July 10th thru 17th. Plan on being there, it's going to be a lot of fun!

## THE FATHER SPEAKS

This column will be in every Busters. I gave it this title because Stan Watkins is the undisputed Father of R/C combat. I knew him when he was a nobody. Stan told me he would be an ongoing contributing author and sent me the following list of addresses. These people are "R/C Combat types". He made this list from his gun and plan set sales. Stan has other customers addresses, but selected these as the most likely participants for our hobby (disease). If your name is not included, please don't feel slighted! Simply send me your address and it will be happily added to the list then, Angels and Archangels will sing for joy. The purpose of the list is to help you find a like-minded person in your area. I took the liberty to add a few names from 46 to the end, I believe Stan omitted these because he knew I had their addresses. In the future I won't edit (interfere) with this column, notice I made no promises. Oops. Stan did submit the following material, before the Busters "went to print".

Mike Homick  
R.D. #1  
Orlean, N.Y. 14760

Frank Knapp  
1701 E. Farrall #75  
Shawnee, OK 74801

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P.O. Box 701  
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32 Henry St.  
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115 S. Church  
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San Diego, CA 92105

Gary Johnson  
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Santa Clara, CA 95051

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2420 San Pablo Ave.  
Oakland, CA 94612

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Newbury, CA 91320

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Amarillo, TX 79109

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Metairie, LA 70003

OBSERVATIONS OF THE FOUNDING FATHER

Gentlemen,

And I use that word with sincerity as I have observed that R/C Warship Combatants are good people and typically gentlemen of whom I may possibly be the least gentle.

It is for this reason that at least temporarily I am attempting to resist the urge to get as many "people" into R/C Warship Combat as possible.

I know we would all like to have as many "people" to battle as possible, but if "millions" rapidly got into our hobby, I feel the quality of combatants as human beings would suffer with the accompanying problems that that would cause. For now I am proud that "my" hobby attracts such Quality people. Why? I don't really know. But I am none the less, thankful.

Now that I've given us all a well deserved "pat on the back" letting us know that we are "the Super Race", I'll shift my observations to the current trend toward Battleships.

I have a battleship, Fluegel and Schneiders also have Battleships. Steven Milholland has his Alabama. The Alabama, Tirpitz and maybe Fluegel's Bismarck will all be in Amarillo for the Easter weekend battling.

This should be a great opportunity for learning how battleships will fair against each other and against Cruisers.

Something that Steven Milholland told me about his Alabama has really surprised me. That is that it can turn a 360° turn in only 12 seconds. WOW! Fluegels Bismarck requires 15 seconds and my new Salt Lake City requires 15.5 to 16.5 seconds. So Battleships could out-turn a Cruiser, WOW! Is the day of the Cruiser over? I predict that Cruisers will score more points on battleships at the Easter Battle than Battleships score on Cruisers.

Well this is becoming too lengthy.

I would encourage you Battleship people to be especially cautious with your "guns pointing everywhere" when you are at shore for loading. Keep those Barrel safety pens in except when test firing and only test fire guns that shoot in the same direction at the same time. Safety is vital you Quality people.

Let's Battle!

Stan

SUBSCRIPTION

Now hear this. If you haven't subscribed to the "Hull Busters" then now is the time! Be the first subscriber in your state! Simply send 50¢ for every even numbered month, or \$2.00 for the rest of 1982. Otherwise this is your last "Hull Busters". I would appreciate any articles you might have in the back of your minds. THANKS.

Tom Pace  
Amarillo, TX

Steve Milholland  
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Brookline, MO 65619

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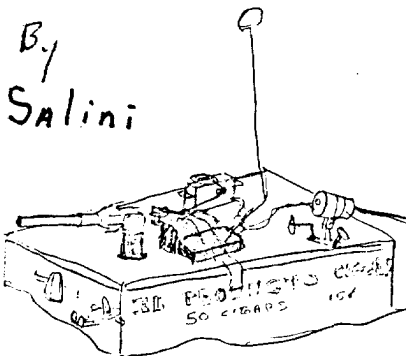
Ray Littlefield  
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Dallas, TX 75217

Dale Beaver  
Maryvill, TN

Dennis Horne  
Lexington, KY



B.  
Salini

THE "QUICK-KIT" COMBAT WARSHIP

ADDRESS:

FLUEGEL  
c/o Leland Petroleum  
2101 McKinney Ave.  
Dallas, Texas 75201



RULE LEGISLATION: Recommendation #5 "Retreating from Battle" .250 Points awarded for causing a ship to withdraw from battle-if a ship withdraws from battle (battle consisting of three (3) sorteets) after a completed sorteet, due to battle damage, i.e., Hull Hit resulting in water inside the hull 250 points are awarded to the ship that caused the damage. Terry Darby

Recommendation #6 "Batteries in Battle" . . . . A ship must finish a battle with the same batteries it started with. (Battle consisting of three (3) sorteets). Terry Darby

WHERE TO BUY A: If you like the railing on my ship (Page 74, S.S. Modeler, May 1982) then here's how to get it. If you have a train hobby shop, they should have it. The other way is to order by the phone. Tennessee Model Hobby, 615-482-2900, ask for "Walthers' FRT CAR LADDER # 946-435" (pack of two 12" strips cost \$1.20) While your on the phone, order "Walthers' latern, signal, ladder, 947-628" (pack of two 12" strips, \$1.40 - You will need to fold them in half)

DON'T BUY: Futaba or Ciruss servos. I wouldn't recommend G.M. stock, either.

VISCIOUS RUMOR: Charlie has ticks and fleas.

- MISCONCEPTIONS:
- 1.) When an elevating gun is being discussed in R/C combat, the movement of the gun is probably horizontal to down, not horizontal to up. The gun is actually a "de-elevating gun".
  - 2.) The new recruit believes he can build a ship in two months. The average ship takes one year to construct. The range is six weeks to four years.
  - 3.) One of my friends or acquaintances will start building a ship before I'm done with mine.

ELECTION: There's only one more Hull Busters before the 82 NATS. Let's not have any surprise suggestions. If you have an idea don't wait until voting time to bring it up. Write it down and send it to me. I will publish it and R/C combatants will arrive at the voting box knowing what to expect!

SUBSCRIPTION FORM:

NAME \_\_\_\_\_

ADDRESS \_\_\_\_\_

CITY/STATE \_\_\_\_\_

ZIPCODE \_\_\_\_\_

AMOUNT ENCLOSED \_\_\_\_\_

SEND TO:

Fluegel  
 c/o Leland Pet.  
 2101 McKinney Ave.  
 Dallas, Texas 75201

The price is 50¢ per even-numbered month that is left in the year.

J	F	M	A	M	J	J	A	S	O	N	D
/											
3.00		2.50		2.00		1.50		1.00		.50	



AT THE DOCK YARDS

- (ALABAMA) Dan Hamilton's Exeter is at the sea trials status. This Exeter uses Radio Shack motors and James Bliss "spring universals". Dan really likes these universals, (James Bliss, (model 7034-24, Fig 20599-7, size 1/16 x 3/32, \$1.95 ea.) Dan built his props and rudder from Brass sheeting. This Exeter hosts a new Airtronics Radio (72.400 and 72.960. Dan let us know how many seconds it takes to go 100 feet and how many seconds to turn 360°.
- (OREGON) Dan Dees' 1943 San Francisco has been under construction for about a year. Dan loves building detailed superstructure and I hear his ship looks really good. I'm not sure this ship has been in the water yet, but I do know it mounts four spot lights powered by five 9 volt batteries(wired in parallel). I quote Dan "No matter where the 82 NATS are held, I'll be there".
- (MISSOURI) Steve Milholland's Alabama will also be present at the 82 NATS. Steve told me "I was dreading repairing my 81 NATS battle damage, but I was surprised how easy and fast the repairs were." This comment reflects many new combatant's fears turned to pleasures. The Alabama already has 17 hours of sea trials in 82. Steve isn't sure how he's going to re-arm his ship, but he's considering six guns, two of which may be in a rotating turret.
- (TEXAS) Grand Admiral Martin Schneider is also re-fitting an 81 NATS. His Terpitz is "Battle Stations Ready". Martin's ship mounts five guns ( two forward, one port, one stern and one starboard) with new "battleship-sized" magazine. The Terpitz also hosts four bilge pumps giving it that die-hard quality. The Terpitz is fast and turns well formerly the Bismark rechristened this spring).
- (TEXAS) Bill Everett sent me some photos of his Indiannapolis and Jap Chokai. His U.S. ship was complete except for the gun. Bill plans on mounting it on a board (radio and all) then practice shooting it in his back yard. When he feels comfortable, he will mount it in his ship. Some of the features on this ship are; two dummy props and two active props. These props are all the 1" Dumas plastic types; his speed control is a four position switch and his motor-to-prop-shaft linkage is a piece of rubber fuel line. Bill hopes to install two forward guns. He also hopes to be at the NATS. The Chokai looked about half complete.

SHIP INFORMATION FORM

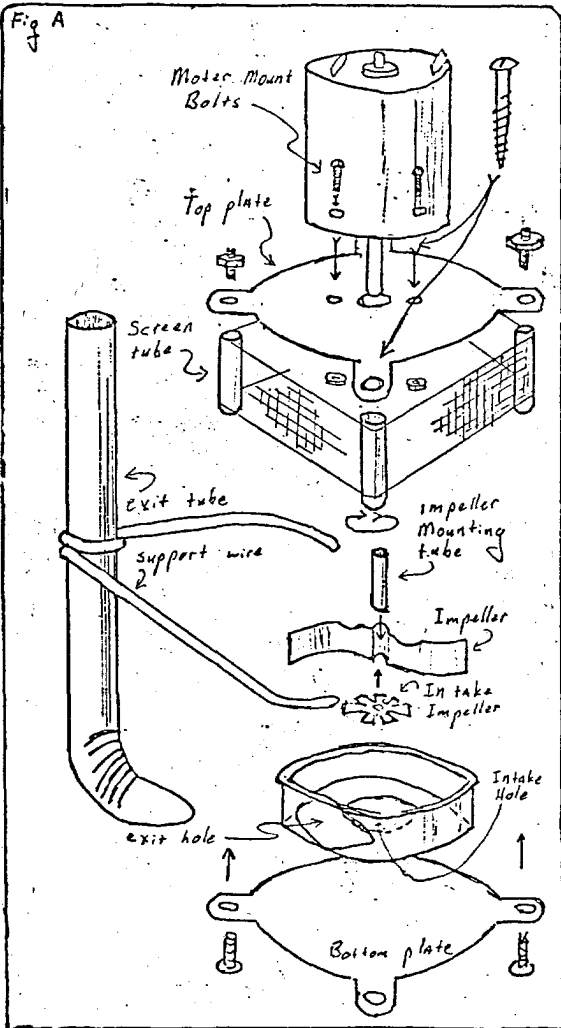
-----  
 Your name \_\_\_\_\_  
 Ships name \_\_\_\_\_  
 Date started \_\_\_\_\_  
 Ship will have "how many"  
 Guns \_\_\_\_\_ mounted \_\_\_\_\_  
 Pumps \_\_\_\_\_  
 Motors \_\_\_\_\_  
 Props \_\_\_\_\_  
 Batteries \_\_\_\_\_  
 Lights \_\_\_\_\_  
 Elevate \_\_\_\_\_

How many seconds to  
 travel 100 feet from  
 1.) running start \_\_\_\_\_  
 2.) standing start \_\_\_\_\_  
 How many seconds to turn  
 360° from running start  
 \_\_\_\_\_.

OTHER INFORMATION

STATUS OF SHIPS CONSTRUCTION

28A



MATERIALS REQUIRED

Hobby shop

- 1.) Brass tubing, 15/32, one, exit tube
- 2.) Brass tubing, 1/8, one screen tube
- 3.) Brass tubing, , one impeller mounting tube
- 4.) Five Minute Epoxy- not elmers
- 5.) Bolt and nut set, 2-56 x 3/8" (Perfect #221, 55¢), motor mount
- 6.) \*Bolt and nut set, 4-40 x 1/2" (Perfect #254, 95¢), Screen system
- 7.) Brass sheet, .025, plates

Radio Shack

- 1.) motor, cat. no. 273-208 (Archer, \$1.49 pack of three) power plant

Grocery Store

- 1.) Gerbers baby juice (lime if you're British, grapefruit if you're American, Schnops if you're German.) lid for pump housing.
- 2.) Two six packs
- 3.) A tin can lid, Intake impeller

K-Mart

- 1.) Car Body repair screen, one pack, screen system
- 2.) 5000 BeeBees ( might as well)
- 3.) Refrigerator (for the beer)

\* I suspect these may be too short...3/4" would be preferred.

INSTRUCTIONS

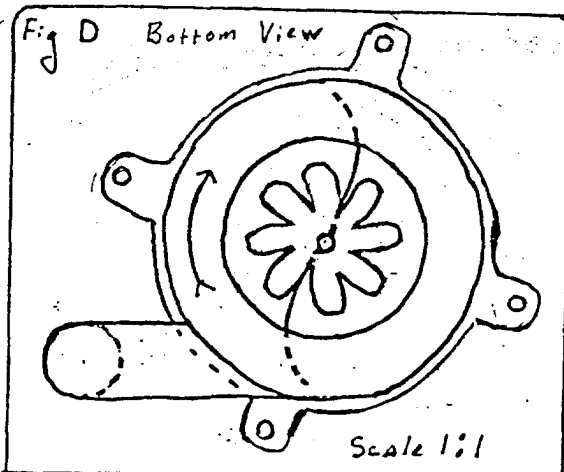
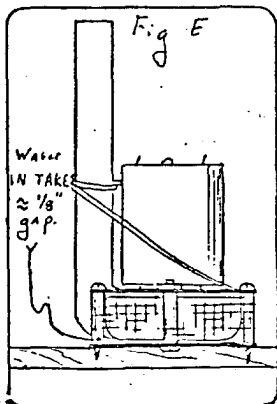
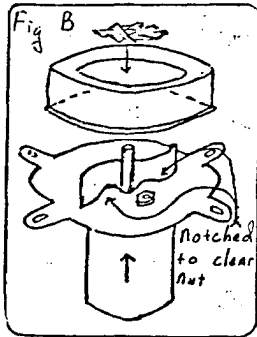
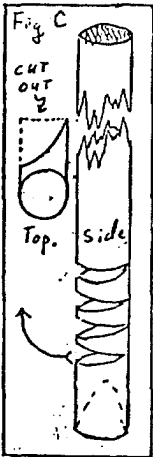
This pump is still in the experimental stages. Terry Darby copied my pump, with minor differences and they both pump three to four gallons per minute. I believe yours will to.

Construction is of the intermediate level. Following these instructions is of the advanced lunatic level. The terms used are those on the illustrations.

There are two tricky spots in the construction. First the "goodness of fit" of the impeller. The tips of the impeller should be no less than 1/8" from the side of the lid, and be sure to dremel in the notches shown in fig. B. When you solder the impeller mounting tube to the motor shaft, don't over heat them or the impeller will become unsoldered from the impeller mounting.

The second project to be wary of, is the construction of the exit tube. The pie shaped slices, should be deep enough to leave, only an 1/8" of uncut diameter. After you bend it, run a bead of solder along the top of the inside of the bend....pause for effect.... Now you will have a leaky exit tube, because the pie-shaped slices, didn't close perfectly tight when you bent the tube. Seal these with a light coat of epoxy.

In a nut shell, bolt motor to top plate, solder impeller to impeller mounting tube, then solder that mess to the motor shaft. Cut hole in lid, epoxy the lid upside down (when motor is on top) to top plate. Dremel hole in side of the lid to fit exit tube. Epoxy and/or solder intake impeller to impeller mounting tube and impeller. Epoxy exit tube to lid and exit tube support to motor and top plate. Bolt bottom plate through screen mounting tubes, to top plate and at last, It's miller time. After adequate consumption, your pump should look like fig. E. The system to activate this pump will be in the next Hull Buster (probably).



EDITORIAL

I hate moss!

FLUEGEL

# MODEL WARSHIP PRODUCTS CO.

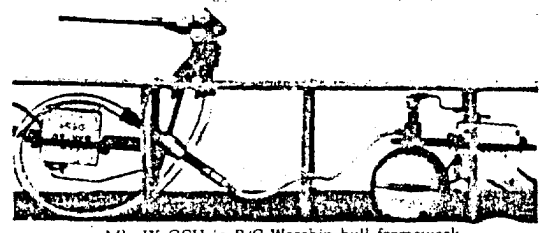
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Mk. IX GCH in R/C Warship hull framework

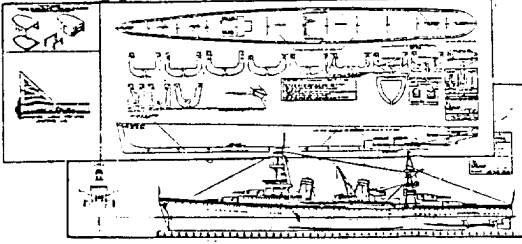
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**New! USS Pensacola class Heavy Cruiser**  
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### BATTLE STATIONS, BATTLE STATIONS!

The prolific Arms race that R/C combat has experienced in the recent cold months is about to erupt into the hottest battle season ever experienced in R/C combat history. Oh boy, Oh boy! In the spirit of Easter, the annihilated Allies seem to have been "risen from the Dead". And they don't like what they see-- Axis Global Domination! They intend to change all that in Amarillo's Easter weekend Battle.

The three german commanders that totally dominated the 81 NATS will be under the command of Grand Admiral Schneider. It is interesting that none of their battle-proven ships will be participating, The Axis seem to look upon this battle as a test for their new large ships (Tirpitz, Bismark and Hipper). An Axis covert report on current Allied readiness states "Only yesterday I was able to spy on the new Allied ship, Salt Lake City. She was cruising about, without her superstructure, under command of the Allied dog Stan Watkins." Stan will be the Chief Commander of the three Allied Ships(all heavy Cruisers). The spy (James West) continues "It looked like it had a 15 second turn radius, but because of other commitments I was not able to spy on them for very long." If you want any secrets leaked, I'm your man. Anyway, James summed up his report this way, "I think we can take them on without any trouble. Easter weekend will tell for sure." That's right, and one other thing is for sure, six commanders are going to have a lot of fun, win or sink.

The Captain of the Awesome DKM Bismarck which sports eight guns has announced that he fears combat with the new Salt Lake City that only has two guns.

Isn't 4 to 1 armament odds enough for those Krauts? What does it take to make them happy?

The Bismarck of D.W. Fluegel was launched on 3-14-82. The Salt Lake City was given her R/C steered "tub trials" on the same day and will be launched (minus superstructure) on 3-20-82. Stan.

### AXIES PROPAGANDA

In order to Help the Allies, I suggest all you new Allies build 1/140 scale Missouries! Put nine guns in them and all kinds of new inventions Believe me, you will be the HIT of the duck pond!

SEX; It's hard to believe what a team will do, the first time they run into trouble. The Allies loose their first NATS and boom! Their wives get pregnant... you both know whom I'm talking about What's the Idea? Do you plan to out number us (even more) in the next generation? Or maybe you just needed some COMPASSION. All I know is it's good to be AXIES.

### DATELINE: KENTUCKY

German SS intelligence has reported a noticeable buildup of Allied forces. The movement of German Naval forces from Tennessee to the Texas theater has resulted in increased recruiting activity by Allied forces in that area. It appears the Allied forces are attempting to overwhelm the Axis nations by sheer numbers. Never in the history of R/C combat has such esprit de corp been seen. German SS is suspicious of a double agent in its midst. Who could it be??? David Oswald.

### CONCLUSION

The response to the first "Busters" was very gratifying. It now appears that six times a year, your mail box will be polluted with these things. Money is also no problem, I will use yours! The price is 50¢ a copy for every even numbered month of the year, or \$2.00 for the rest of 1982. The price may go down next year, if I get a bunch of suckers...I mean subscribers.

"Contributing Authors" are what I need now, Stan will have an ongoing column and Schneider is working up a "How to" Article Your inspirations, propaganda or whatever are needed and appreciated. The "At the Dock Yards" is one of my favorite columns, please send a slip of paper like "It's the 1939 Noodle Cruiser, I've laid the Keel and its going to have one gun, one light and a four man crew. I hope to have four rotating turrets and a fully functioning mess hall, do you know where I can get some little-bitty bottles of lime juice? Well that's all, I hope this stuff is O.K. Admiral Fart Blossom." Yes Admiral Blossom, that's good stuff!

ADDRESS:  
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c/o Leland Petroleum  
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Dallas, Texas 75201

