



San Diego Ship Modelers' Guild

VOLUME 9 NUMBER 5

MAY 1985

ALL HANDS ON DECK

No...No...No...get up off your knees, you turkeys! That's sailor talk to muster on deck and hear the days schedule. REGATTA time is only 35 days away, and we would like to have some volunteers to help your staff make this a fun day for all. In past years it's always the same old bunch doing the work. It could be a nice rest for the old standbys to be able to relax and enjoy one regatta with out any duties to preform.

YOUR HELP IS NEEDED if we are to continue holding yearly regattas.

More regatta talk;

Thanks to Al L'Heureux, Phil Headley and Mike Dory for our Regatta Procedures Book. At Al's expense, a number of 18 page manuals were produced. After reading it, I believe a by-stander could conduct the regatta without any problems.....Tnx guys.

By the way...Doug McFarland is this years Regatta Commodore. Come on Doug...leave the new house alone and get down to important business.

MAY MEETING;

Fred Fraas will continue his discussion on building the "Yorktown" Plex and styrene gluing will be the topic along with a demonstration.

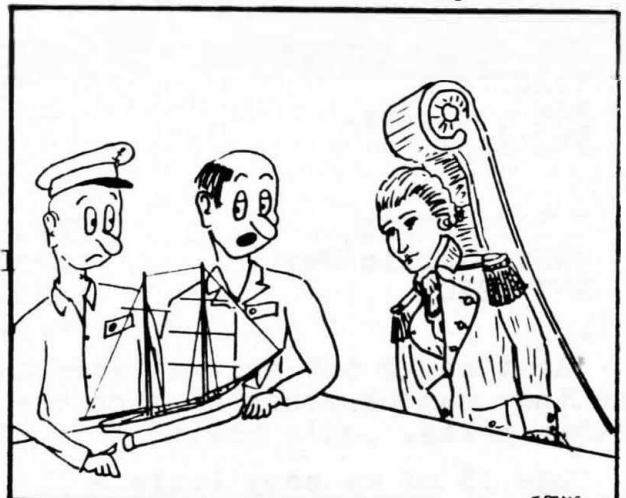
As a retired law enforcement officer, I must admit, the word demonstration turns me off, however Fred does a good job and hopefully we will have a good turn out. (We had 32 members at the last meeting)

L'HEUREUX'S RATTLESNAKE

The July issue contains a story on Al's last project with a beautiful picture on the front cover...what magazine... Scale Ship Modeler naturally. When you think Al has hit the top building impossible models your wrong. On April 20th, Al appeared at the pond with his latest effort, a "can't be done" model of a Viking ship. Al has all his oars in the water this time, and they worked beautifully. The red and white sail made me think it was a floating "Kentucky Fried Chicken" restaurant by yumping yimminie. (that's Swedish). What about a flying fish for your next project, Albear.

SHOW & TELL

by Nilson



"OUR GUILDMASTER IS ONLY A FIGUREHEAD"



LOG OF THE APRIL MEETING: BY BILL KELLY-FLEMING

Guild Master Roy Nilson called the modelers to order, with out the past problem of someone else meeting at the same place ~~meeting~~ in our time slot. The oversight has been corrected as we appear on the museum's calander monthly now. One guest was present and introduced himself....Welcome Ray Wood.

Bill Benson traded a cast on his hand to a cast on his foot (Bill is doing fine at this writing) This has been going on to long, Bill, it's about time for you to cast off. (A little nautical humor there).

In going through files, copies of the original letters establishing our Guild in 1971 were discovered.

The stated purpose, "To exchange knowledge and material for the improvement of ship model construction and repair, and to study shiplore". Dues were originally 50 cents a meeting, for the purpose of purchasing material for the guild. The guild originally met in the Captain's office, behind the salon (passenger's area in main cabin, aft). As the membership grew, we moved to the Orlop of the "STAR". Thanks to Bob Wright for this info.

Loren Perry wants to be remembered to the "Motley crew" and he is looking forward to the upcoming regatta. Also passed the word regarding the Navy planes to be available in 1:100, that's 4% smaller than 1:96..nobody will know the difference.

SHOW AND TELL:

DOUG MCFARLAND...HOTSPUR, no progress this month due to moving. Hey Doug, if you don't get hot on this project we will rename it "Coldspur."

ROYCE PRIVETT...SMUGGLER (ship model, not Royce)...bowsprit was "hog down", or bent down by the martingale stays. An excellent piece of work as is usual for Royce.

RAY WOOD...Virginia Pilot Boat SWIFT, completed from a kit. Some modifications made to improve the kits original quality. Another nifty model and modeler.

Bill Kelly-Fleming gave a special report on the Port of Houston, cargo shipping today, and some of the related aspects of a Port Chaplain. He said about 5,000 ships a year go through this port, thats about 13½ ships a day.

As the front page indicates, Fred Fraas will continue with carrier modeling techniques. If you can't wait for his list of plastic supply houses see below.

SAN DIEGO INDUSTRIAL
PLASTIC SUPPLY
364 9 th Ave. SD
232 6854

RIDOUT PLASTICS
5535 Ruffin Rd. SD
560 1551

PORT PLASTICS
8833 Complex Dr. SD
565 9575

EJR PLASTICS
4901 Pacific Hwy SD
297 7220

Most of these plastics suppliers carry booklets such as "Craftics Fabrication Manual" that deal with bending, bonding, cutting etc. Most of the counter people will be glad to help you, just ask.

Acetone is one solvent used and there are others. Be careful with solvent as they can be absorbed thru the skin and damage liver, kidneys and I guess other parts. Don't breath this stuff if you can help it.

Page 33 of my copy lists a Plasticator, the new safe tool for edge bonding plastic material. It's designed specially for applying "PLASTICK" solvent cement by the capillary method. More at the next meeting. Tnx Freddie

ANNOUNCEMENTS:

Remember the July 4th regatta at Tri-City Lake. Will include a special 1;96 R/C group and more. Lets try to make a showing up there.

New England clubs will have a joint meeting at Mystic on May 11th.

Golden Gate Concourse (SF) will be on September 15th.

Columbia River Maritime Museum, Astoria, Or. will hold a ship model competition on May 25th.

National Maritime Day will be celebrated in San Diego with a lunch on May 23rd and with displays at Fashion Valley on May 25th.

MAIL BAG:

Received a letter from our Canadian modeling brother, Bob Wormald. He made home safely and said he enjoyed his visit with us at are meeting. We will see him again next year, I hope. I was just wondering how much more gas he he used as the trip back is all up hill. (Look at the Earth guys)

Got a note from Ms Scottie Dayton, editor of SHIPS IN SCALE. She would like to print the hint on making book holders for our model magazines that appeared in our April newsletter. I'm glad someone else reads it besides me. Loren dos'nt mind if we subscribe to the other boat mags. In my opinion they compliment each other. As I told her I've been known to attack the mailman when he dos'nt deliver them on time. (My wife lets me have all 3) By the way, the above book holder hint should in no way make me suspected of bookmaking.

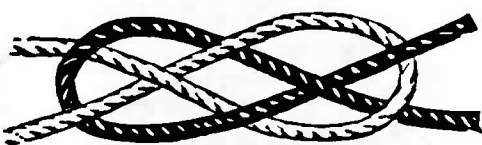
A list of current members appears below. If you are reading this newsletter and don't see your name we screwed up again. Please see Fred or me at the next meeting.

AUGHE

ANDERSON	HARNAN	MERRILL	SCHWEIZER
ANDREWS	HARRIS	MYRSETH	SMAY
AYDELOTTE	HEKALA	NILSON	STRANDT
BARKER	HILDEBRAND	NOEDER	THOMPSON
BECHER	JARVIS	O'BRIEN	WEAVER
BOMPENSIERO	JONES	OLIVER	WHITELOCK
BRUCI	KELLY-FLEMING	PEARCE	WRIGHT
EADS	L'HEUREUX	PETERSON	
ENDERT	LLOYD	PRIVETT	
FRAAS	MACMASTER	ROSS	
GIBBON	MCDERMOTT	SAMARIASEN	
HABERLAND	MCFARLAND	SCHLOSS	
HARMELING	MUEHLNER	SCOTT	

At this time we do not have any reapplications or receipts with names other than you see here.

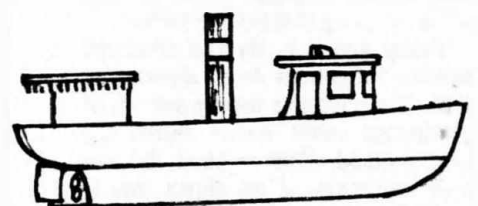
KNOTS HITCHES & SPLICES



CARRICK BEND



WOULD YOU BY A USED BOAT FROM THIS FELLOW?..... Why not, theyrun great. If interested, see GORDON HOUVENER at the pond any Saturday



similar to above drawing



TRUE SANTA MARIA
SHIP MODEL \$4.98 Plus Postage

Made in knocked down form with all parts cut to fit and numbered to make assembling easy. Drawing & instructions sheet furnished with each kit. Sails and flags with colored designs at NO EXTRA COST.
Rent C.O.D. anywhere in U.S.A. Foreign orders must be accompanied by draft.
Overall measurements: 23" long, 33" high, 10" wide
COLARK SHIP MODELS, DEPT. "S"
6330 N. Gratz Street, Philadelphia, Pa.

When was radar developed?

Radar is an electronic device that can locate distant objects despite darkness, clouds, rain, fog or snow. Although it didn't become an important military device until World War II, the most important discoveries leading to the development of radar came in the late 1800s and the early 1900s.

Four men were contributors to the development of radar, which uses radio waves instead of light waves to "see" great distances. The four were Heinrich Hertz, Guglielmo Marconi, Karl Braun and Lee DeForest.

Hertz discovered radio waves in the 1880s and showed that they could be focused into a beam and be reflected from objects. In the 1890s, Marconi developed the first radio-sending equipment. Braun invented a cathode-ray oscilloscope in 1897, and in 1907 DeForest invented the radio amplifier tube.

The name radar comes from the phrase "Radio Detection and Ranging." Radar sends out pulses of radio waves in a beam. As the waves strike objects, they are reflected like echoes back to the radar. The reflected waves cause dots of lights called blips to appear on a fluorescent screen similar to a TV screen. By watching the blips, an observer can tell the direction and distance of an object.

Much of the early work in the United States on radar was done by scientists at the Naval Research Laboratory. A.H. Taylor and L.C. Young detected reflections from a boat on the Potomac River in 1922 while studying short-wave radio.

Young and L.A. Hyland observed similar reflections from aircraft in 1930. The scientists used a system of continuous radio waves called the beat method. This method did not give the range of an object, but it could detect aircraft 50 miles away.

In 1934, Young proposed using pulses of radio waves, the method most widely used today.

By early 1936 pulse radar with a

range of 25 miles had been developed, and by 1938 a pulse radar had tracked an aircraft 100 miles. This kind of radar was installed on 20 warships before the Japanese attacked Pearl Harbor on Dec. 7, 1941.

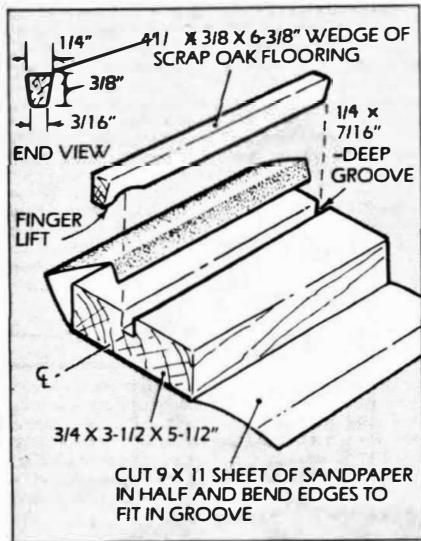
The Army had two excellent types of radar ready by 1941. An Army radar unit in the Hawaiian Islands detected the Japanese air fleet approaching Pearl Harbor, but thought the blips were caused by American bombers.

During World War II, United States and British radar scientists cooperated closely. Microwaves made it possible to develop narrow-beamed, highly accurate radars with small antennas for aircraft, ships and mobile ground stations.

American scientists did much of their radar work at the Radiation Laboratory, located at the Massachusetts Institute of Technology.

During World War II, radar gave the U.S. Navy superiority over Japanese forces in night battles. In the Atlantic, airborne radar enabled the Allies to inflict crippling losses on the German submarine fleet.

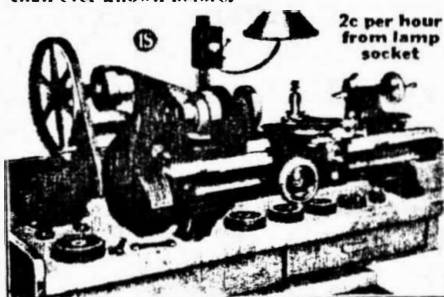
THE TRIBUNE



Prices on Lathes Reduced

Back to the Prices of 1926 and 1927

Effective immediately, all South Bend Back Geared Screw Cutting Lathes from 9" to 18" swing, in both countershaft and motor drive types, are offered at new low prices ranging from \$100 to \$1360. Modern Lathes for every purpose and purpose at greater dollar for dollar value than ever known before.



8"x24" Precision Bench Lathe Complete with Compound rest, motor, reversing switch, belts and lathe equipment. (Weight 250 lbs). \$128.65 Terms \$33.00 down, \$8.50 per month. Complete

A Back Geared, Screw Cutting Lathe
For handling the most accurate work in the experimental laboratory, home workshop, in auto service, tool room and manufacturing. Available in countershaft or motor drive—Bed lengths 24" to 48"—\$100 to \$222.

Features of 8" Junior Lathe

This New 8-inch Lathe has a back geared headstock—cuts threads 4 to 40 per inch—six spindle speeds—hollow spindle of alloy steel—power feed to carriage—can be driven from lamp socket for less than two cents per hour—Easy Payment Terms.

Displayed in Principal Cities

New York Store: A. C. Colby Machinery Co., 183 Center St.
Chicago Store: C. F. Burns Machinery Co., 541 W. Wash. Blvd.



Free Lathe Booklet

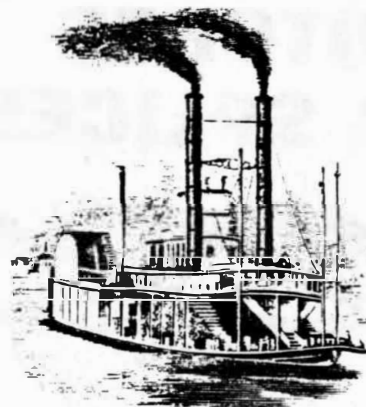
Booklet No. 8. Illustrating and describing all types of 8-inch lathes and attachments, mailed free, on request. Write to

South Bend Lathe Works
823 E. Madison St., South Bend, Ind.

POPULAR MECHANICS • MAY 1985

This sanding block with a center groove and wedge-shaped paper retainer is easy to use and efficient. Since the wedge is recessed, you can sand with the top surface. The extended wedge is easily removed when you have to replace the paper.

—Alexander Hess and John Capotosto





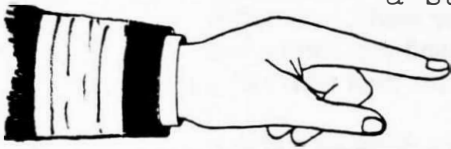
SAN DIEGO SHIP MODELERS GUILD

I'm sure I have mentioned that some of the airplane mags have printed items about ship models. MODEL BUILDER in their April and May issue present a neat plan for the STATEN ISLAND FERRY and a ferry slip. This is the effort of Walt Musciano, whose plans have appeared for years in various magazines.

(As a kid, this was the way we spent a sunday afternoon, riding from 69th St. over to St George and from there to the Battery. Many an ocean was crossed in our fantasy as a ship captain...and only 5¢ for all this.)

Picked up a handy 48 page book called HINTS AND TIPS FOR PLASTIC MODELING. \$3.95 the copy from the Kalmbach people. To many tips to even start telling about. Fred, after glancing thru my copy ran out and bought his own. Great for people playing with plastic.

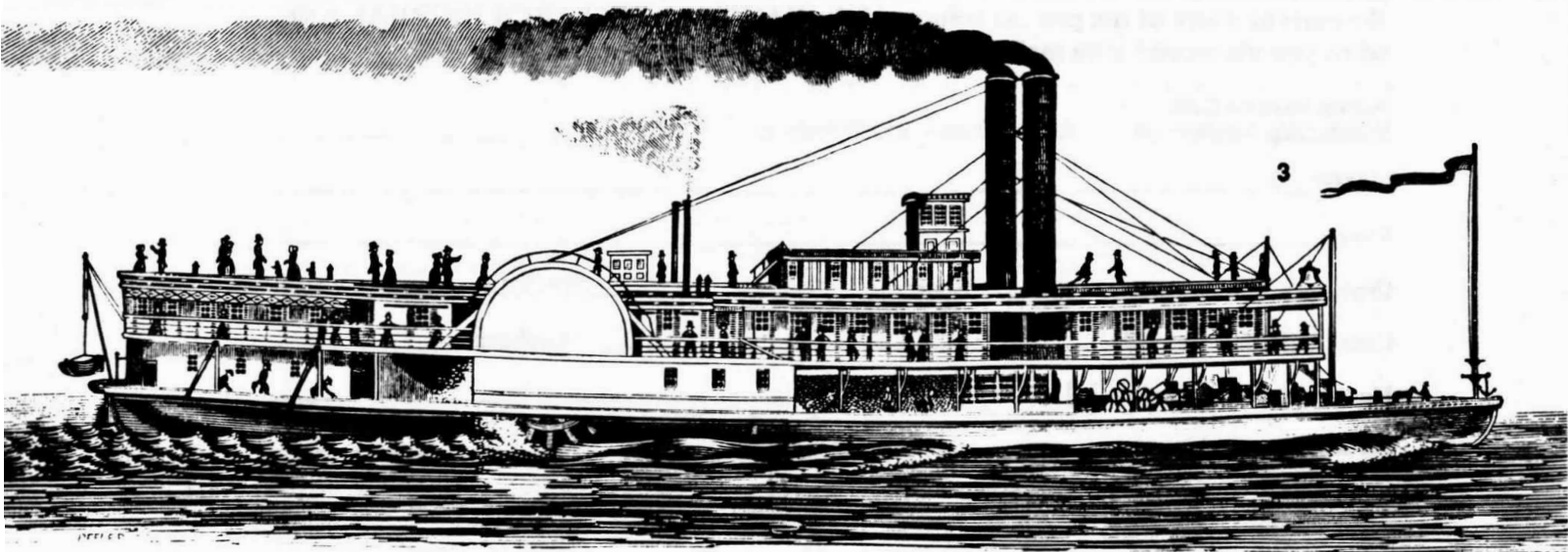
OUR COMMODORE SAYS: We need the following people help if we are to have a successful event.



- 3 judges for static and 3 judges for R/C
- 2 announcers
- 1 for registration

3 for equipment handling, bouys, tables, stanchions etc... this is just a start. All involved must be early and if you volunteer, please show up so we won't be caught holding the seabag.

Well, this is the last page for the May issue (I offen work backwards) 'm going my desk a clean sweep down fore and aft. You can believe the mess I create when my wife tells me I better get a tetanus shot. Now to find something to paste in the void below...see you all at the May meeting.
to give



I am late with printing this application for the members use. My good friend, Bob Franka gave me a gift subscription to the publication last year. Its contents are some what toward the period modeler, however later material is often included. I think it's a must reading for the serious ship model builder. The only thing wrong with it is that it comes out only four times a year.



Nautical Research Guild, Inc.

Publications: NAUTICAL RESEARCH JOURNAL (ISSN 0738-7245)
SHIP MODELER'S SHOP NOTES (ISBN 0-9603456-0-4)

6413 Dahlonga Road
Bethesda, MD 20816

IF YOU ARE INTERESTED IN MEN, SHIPS AND THE SEA—then we extend a cordial invitation to you to join the NAUTICAL RESEARCH GUILD, an organization founded in 1948 by a group of enthusiasts whose aim was to get together and pass on to one another information that they had acquired in their various studies of maritime lore. Since its inception, a network of members has been established throughout the world; a network composed of model builders, marine artists, students of marine history and representatives of famous marine museums, all with a common interest in ships and the men who built, owned and sailed them.

The primary purpose of the NAUTICAL RESEARCH GUILD is the collection and dissemination of nautical knowledge. To this end each member acts as a research assistant to the extent of his knowledge and ability for other members of the GUILD.

To facilitate exchange of reports detailing the activities of members, the GUILD publishes quarterly the NAUTICAL RESEARCH JOURNAL. The JOURNAL contains articles, illustrations and plans of ships, boats and craft of all kinds, discusses methods of modeling them, presents rigging instructions and investigates the history of man's maritime endeavors in the past and the present. These articles are written by members of the GUILD. The JOURNAL is mailed each March, June, September, and December.

The NAUTICAL RESEARCH GUILD is an international cooperative non-profit, membership society. All income received from the annual dues of \$13.00 paid by each member is used for a subscription to the NAUTICAL RESEARCH JOURNAL. An application for membership is printed below. We hope you will be interested in completing it and remitting your \$13.00 dues by check or money order to the NAUTICAL RESEARCH GUILD at the address given above. Upon receipt, your membership will be quickly processed and the current issues of the present volume of the NAUTICAL RESEARCH JOURNAL mailed to you via second class mail.

Nautical Research Guild
Membership Application

Annual dues = \$13.00/volume

Date: _____

NAME: _____

Street: _____

City: _____ State: _____ ZIP CODE: _____

Country if other than USA: _____ Telephone: _____

Model builder: Artist: Writer: Other: _____

Particular nautical interests: _____

Period of interest: _____

NOTE: Overseas members who may desire either 1st Class or Air Mail should enclose the following service charge additions for their particular country:

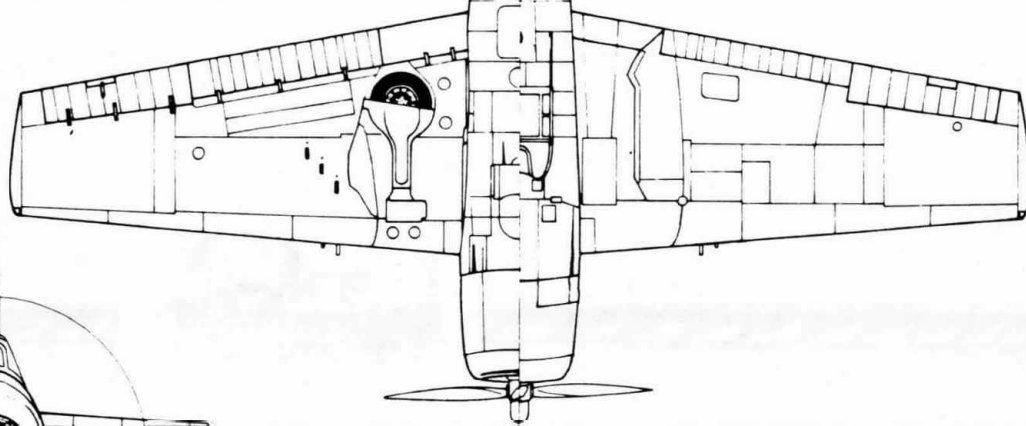
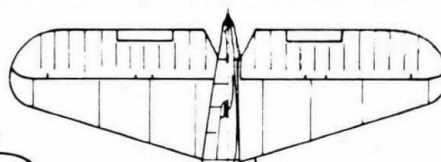
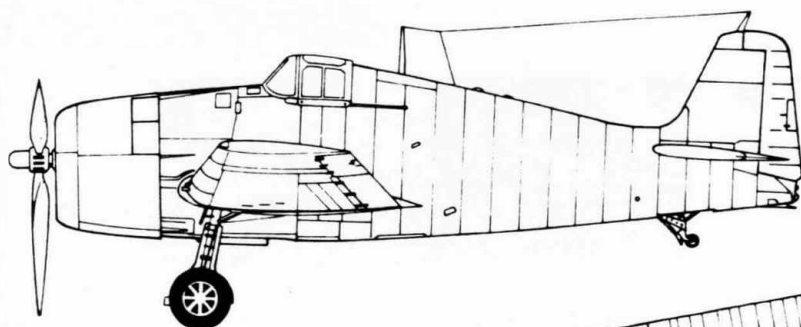
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Europe (Air Mail)	= \$ 8.50 (total enclosed = \$21.50)	<input type="checkbox"/>
Africa or Far East (Air Mail)	= \$11.00 (total enclosed = \$24.00)	<input type="checkbox"/>

MAIL TO: Nautical Research Guild, 6413 Dahlonga Road, Bethesda, MD 20816 USA

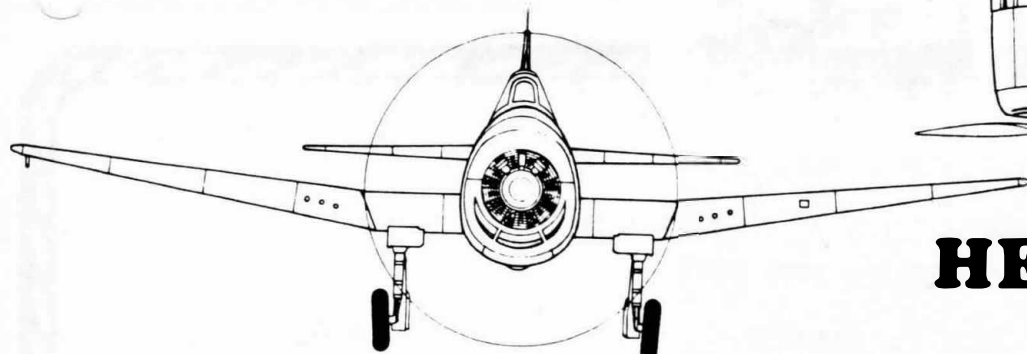


PLANES OF THE PAST

Grumman F6F-5



-SCALE: 1/8" = 1'0"



HELLCAT

GRUMMAN "Iron Works Gang" turned out a total of 12,275 "Hellcats" in ten model modifications. A Pratt & Whitney engine flew this bird at 376 mph at 22,000 ft. It had a wing span of 42'10", 33'7" long and weighed 11,381 lbs. Max. service ceiling was 38,400 ft.

These planes were received by the Navy in Oct. of 1942, F6F-2,3,4 and 5. 7,870 F6F-5's were built and some of them went to our allies.

No attempt at describing color or insignia in this artical as it varied, depending on theater, carrier and time. This information was gathered from Squadron/Signal Publication Aircraft no. 36 for the most part. This book contains plenty of color foto's showing details and insignia. I obtained my copy from the Aero Space Museum at a 10% discount. (I'm a member there also). The book sold for \$4.50. All you carrier builders should go through their book store. rtn

SAN DIEGO AERO-SPACE MUSEUM

2001 PAN AMERICAN PLAZA, BALBOA PARK, SAN DIEGO, CA 92101 (619) 234-8291

San Diego Ship Modelers'
Guild Bill
Felly-Fleming--Logkeeper
/redacted/

FIRST CLASS PLEASE



FRED FRAAS
/redacted/



SAN DIEGO SHIP MODELERS' GUILD
OFFICERS FOR 1985

MASTER & EDITOR	ROY T. NILSON	/redacted/
MATE & PURSER	FRED A. FRAAS	
LOG KEEPER	BILL FELLY-FLEMING	
STEERING COMMITTEE	AL L'HEUREUX	/redacted/
	DCUG McFARLAND	/redacted/

MEETINGS: 3rd Friday of each month, 8:00 PM aboard
the bark STAR OF INDIA on the Orlop Deck.

MEMBERSHIP: Dues for members of the San Diego Maritime
Museum and anyone living outside of San
Diego County- \$10.00. Non Museum members
\$ 20.00. After July 31, dues are $\frac{1}{2}$ for the
remaining year.