

What Do Gas Models Mean to You?

ONE of the most educational, enjoyable, and healthful model plane activities that has ever been developed by young men is "gas" model designing, building, and flying. This sport has been initiated by the young men themselves and has been fostered and promoted by the most advanced and authoritative aviation pioneers in the country, both young and old.

It is educational because it provides a means whereby young men may study problems of aerodynamic design and construction embodied in full-scale aircraft. Obviously there are thousands of young aviation enthusiasts who cannot design or build a full-size plane because of the expense and lack of proper facilities involved. However, they can work out their ideas through the

medium of miniature gas-powered models, which provide the same problems in design as a large ship. It also promotes the young man's initiative and provides a channel for unrestrained intellectual expression, an asset which is rare in educational programs, which usually eliminate this valuable element of experiment.

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MISCELLANEOUS DATA

THIS PLANE IS MANUFACTURED BY CONSOLIDATED AIRCRAFT FOR FLEET AIRCRAFT, INC. ITS SUPPLEMENTARY IT IS PRODUCED IN A NUMBER OF VARIOUS MODELS AND POWER INSTALLATIONS. THE WING CELLULOSE IS BUILT TO AN INDICATED LOAD FACTOR OF 11 FOR HIGH INCIDENCE, 6 FOR LOW INCIDENCE, AND 4 FOR INVERTED FLIGHT IN BALANCED AND UNBALANCED LOADINGS. A NUMBER OF EXCLUSIVE PATENTED FEATURES ARE INCORPORATED IN THE STRUCTURE. THE U.S. AIR CORPS USE THIS PLANE (T-6) FOR PRIMARY FLIGHT INSTRUCTION. THE LANDING GEAR IS INTERCHANGEABLE WITH TWIN FLOATS FOR MARINE FLYING. FOR EXTENDED DISTANCE FLYING A FUEL BELLY CAN BE ATTACHED TO FUSELAGE. THE KINNER K-5 ENGINE DEVELOPS 100 H.P. AT 1050 R.P.M. AND WITH THIS ENGINE THE PLANE HOLDS A.I.C. NUMBER OF FOR FOREIGNERS.

NO. 121. THIS PLANE HAS BEEN APTED BY A FEW GOVERNMENTS AS A STANDARD PRIMARY.

PERFORMANCE

WEIGHT EMPTY	1022 LBS.
DESIGNABLE LOAD	250 LBS.
GROSS WEIGHT	1272 LBS.
HIGH SPEED	112.5 MPH.
CRUISING SPEED	90 MPH.
STALLING SPEED	45 MPH.
CLIMB AT SEA LEVEL	950 FT/M.
CEILING	16,000 FEET
GASOLINE CAPACITY	24 GAL.

FRONT

PLAN

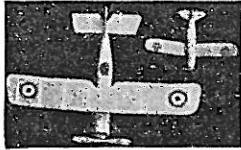
SIDE

COLOR SCHEDULE	
STRUTS	DARK BLUE
WIRES	CADMIUM
WINGS AND TAIL AREAS	YELLOW
LANDING GEAR STRUTS	BLUE
TIRE AND ENGINE	BLACK
FUSELAGE	BLUE

SCALE 1" = 1'-0"

W. L. NYER

FREE WITH EVERY ORDER



Actual photo of flying SE5A and solid A-8 Attack

2 COMPLETE KITS Two kits, complete even to sandpaper, FREE with every order from the low list below. One is a flying scale; the other, a solid scale model. This astounding offer made to introduce the finest quality material obtainable. Act today. Your choice of any one of these combinations:

- (1) Flying SE5A, Solid Curtiss Attack
(2) Flying Spad, Solid Wedell Williams
(3) Flying Fokker D-8, Solid Boeing

All materials guaranteed. 24-hour service.

Table listing various materials and their prices, including Balsa Wood, Colored Dope, Washers, Japanese Tissue, Rubber, and Balsa Propeller Blocks.

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(Continued from page 8)

It is enjoyable beyond words as those who have entertained this sport can testify, chiefly because it allows absolute self-expression, the root of all enjoyment.

The health of human beings depends largely upon spontaneous outdoor physical activity. Following a gas job over rough country in the open air, provides just this in bountiful proportions. In fact, it provides both work and relaxation of mind and body, the basis of a healthful life.

The "cause" of aviation and the welfare of young men would be greatly retarded without the possibility of pursuing this activity, so let us put our shoulders to the wheel and help to advance this great art.

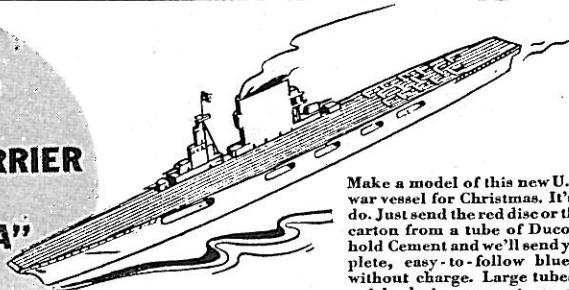
The dangers are insignificant. Never to our knowledge has anyone been seriously injured by following gas-model building and flying. Everything we undertake in our daily activities is dangerous to some degree. However, not the fact that there is danger, but the degree of danger is the important consideration. Certainly there is no more danger involved than driving an automobile, riding a bicycle, playing baseball, or crossing Fifth Avenue, New York City. Therefore, MODEL AIRPLANE NEWS thoroughly approves of this sport and will do everything possible to advance its popularity and growth. However, we wish to know details of your activities with "gas jobs" and what you think about this sport, so we are urgently requesting you to fill in the following coupon, cut it out, and send it to MODEL AIRPLANE NEWS, 551 Fifth Avenue, New York City. By doing this you will render a great service to every model fan who wishes to continue his activities in this field.

Gas Model History

Fill in and mail immediately to: MODEL AIRPLANE NEWS, 551 Fifth Ave., New York City.

Series of questions and dotted lines for a coupon, including: 'Would you like to build a gas model?', 'Are you planning or building a gas model now?', 'How many flights have you made with gas models?', 'Has anyone else ever been injured by your gas model?', 'Has your gas model ever caused damage to property of others?'

Own the AIRCRAFT CARRIER "SARATOGA"



Make a model of this new U.S. Navy war vessel for Christmas. It's easy to do. Just send the red disc or the green carton from a tube of Duco Household Cement and we'll send you complete, easy-to-follow blue-prints, without charge. Large tubes of this quick-drying cement on sale for 25c at drug, stationery and hardware stores. Send for blue prints to DU PONT, Dept. F-6, Wilmington, Del.

TRANSPARENT : WATERPROOF



DUCO Household CEMENT

Learn How to Operate a Plane In Your Own Home with this thrilling

TRAINING PLANE

An Amazing New Invention! Not a Toy!

A practical training plane developed at the Casey Jones School of Aeronautics, Newark, N. J. indorsed by such famous pilots as Casey Jones, Amelia Earhart, Lieutenant-Colonel Vaughn, Lee Warrender and many others. Learn how to take off, climb, dive, bank, turn; how to avoid sideslips, stalls, tailspins, and other dangers; teaches you all about flying—and works just like a real airplane. Go through the actual maneuvers of the aces. Come complete, all ready to assemble. Simple directions with every set. Anyone can set it up in a very short time. Actually promotes knowledge of aviation.

\$1

At Your Dealer \$1.15 by mail \$1.30 W. of Mississippi \$1.60 Foreign Clip this adv. and mail with remittance. C.O.D. 15c extra

Training Plane Dept., Heaney Laboratory, Glenn Curtis Airport, Jackson Heights, L. I.

Additional coupon questions and dotted lines for a form, including: 'Do you wish this activity to be abolished?', 'What do you think of this activity?'