

American Modeler[®]

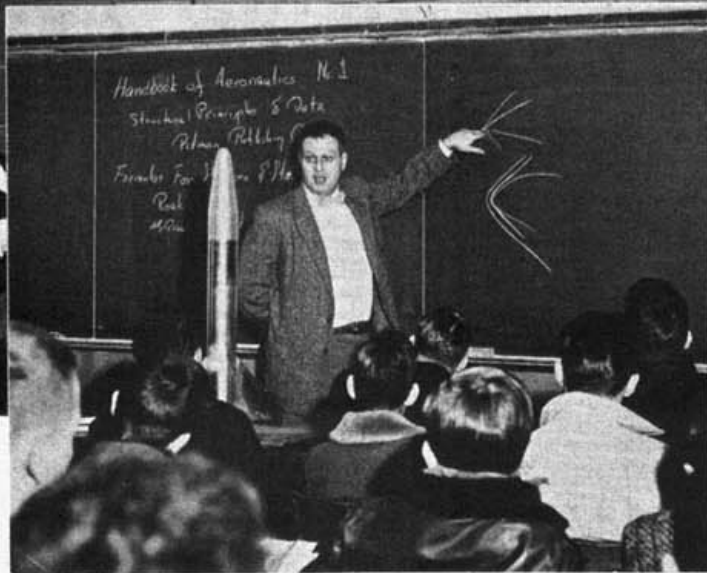
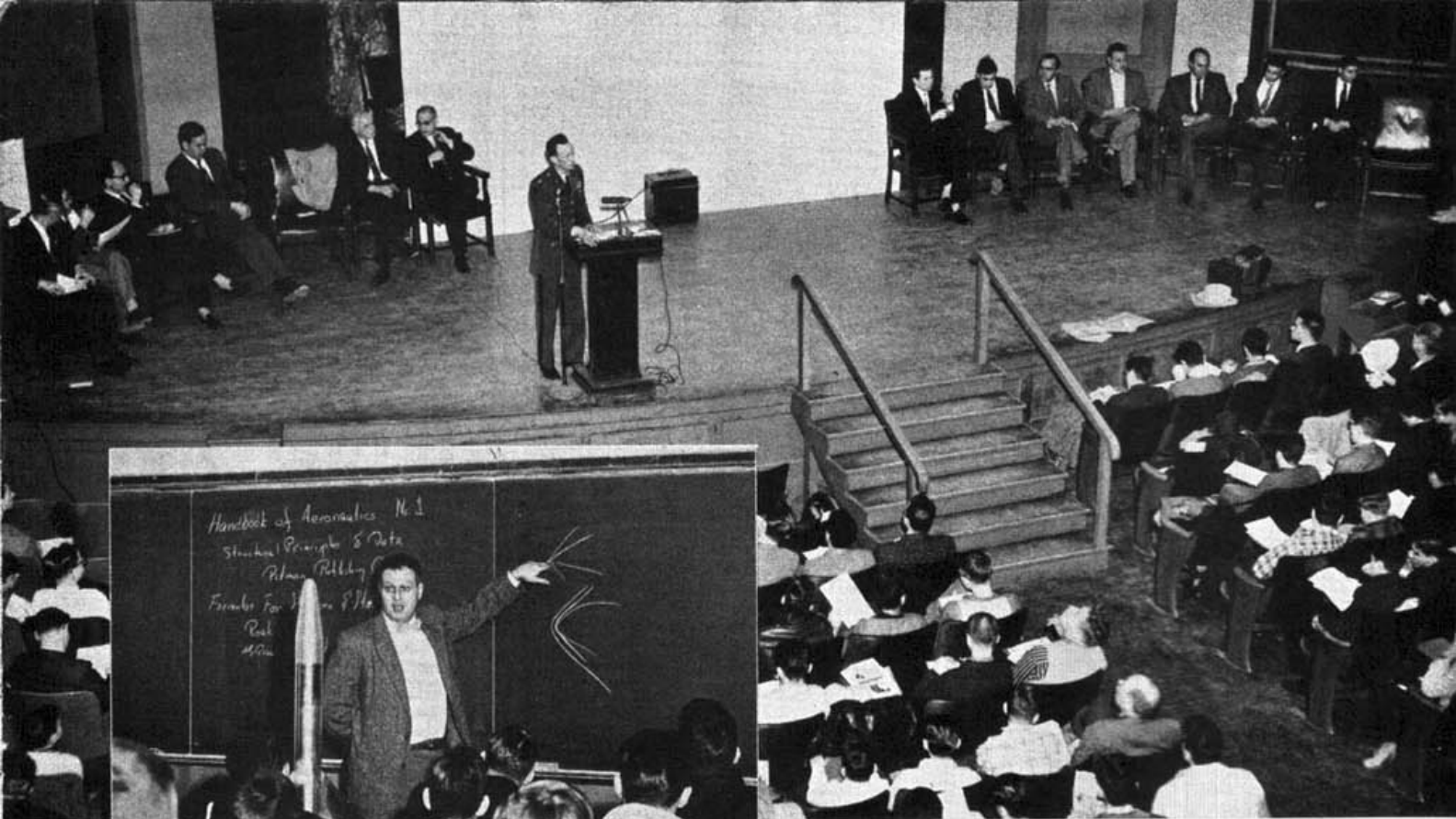
Model Missiles • Planes • Radio Control • Boats

Build a flying scale
copy of Japan's World War Two
Kawasaki Ki-61 "Tony"



CAL SMITH

SEE "ROCKET SEMINAR FOR MODEL MAKERS" — Pg. 12



One of the best friends a model rocketeer could have, Capt. Bertrand R. Brinley of First Army, opens missile seminar at New York University. David Butcher (left) of Brooklyn's Polytechnic Institute, discussing nose cones, is typical of instructors who participate.

"Rocket College" for Model Makers



Dramatic proof of the wisdom behind an Army directive authorizing service cooperation with model missileers is the series of one-a-month rocket "seminars" held in New York and Washington with instructors from full-scale air-missile manufacturing firms and technical institutions. To test their theories and model "birds" participants were invited to Army's Camp A. P. Hill near Bowling Green, Va., for safety-supervised "shoot." Six foot "Tycho-1" (above) by Monroe-Woodbury Central Valley, N. Y., High School Rocket Society, reached 1 mile altitude. Capt. Brinley (left) examines 3' high, 4" diameter model from Brooklyn.





Rocket makers gather (top of page) at Army's Camp Hill. Lt. Col. C. M. Parkin, Jr. (above) who was instrumental in the creation of Army-aid-for-missile-modelers program checks out entry at "graduation" firing which climaxed 15 week course.

Design, construction and fueling your model missile is only half the battle! A good launch is equally important; elaborate tower (above) provides firm firing path. Remote controlled electrical firing (below) is from protected area 75' from launch pad.





MISSILE MEN AT ARMY RANGE

Clockwise from upper left: Baltimore's Gerd Nathan tested fiberboard, 3-stage GNX-24 rocket powered by 16 separate Model Missile motors. Guy Gruters of Fair Lawn, N. J., Rocket Society dubbed his 2-stager "Goliath I"; copper tube lower stage was 6'3", 2nd 5 ft. stage of aluminum. Short designer gets assist from human tripod. Fueling the bird: most used mixture of zinc dust and sulphur powder. Last minute check of electrical firing system (below) by Forest Hills, L. I., rocketeers. Dramatic evidence of 1) what happens when something goes wrong and 2) the need for a safe firing range! Triple first stage, single 2nd stage bird packs powerful wallop.

