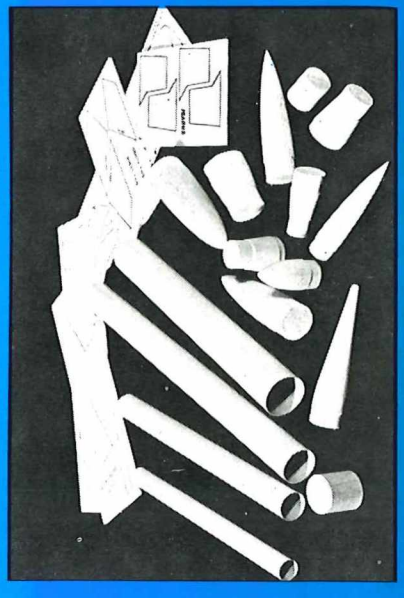
aerospace vehicles inc

HYPERSONIC (MACH 10) SERIES

Flying Model Rockets

for Sport and Competition



The AVI Hypersonics feature standard model rocket construction techniques and materials proven in over 15 years of flying: paper tube bodies, balsa or styrene noses and transitions, and sheet balsa fins.

Each kit comes complete with all parts, instructions, and decals. All you provide are glue, modelling tools, paint, and your creative craftsmanship.

The AVI Hypersonics not only help you develop your basic modelling techniques, but they can be flown successfully in competition.

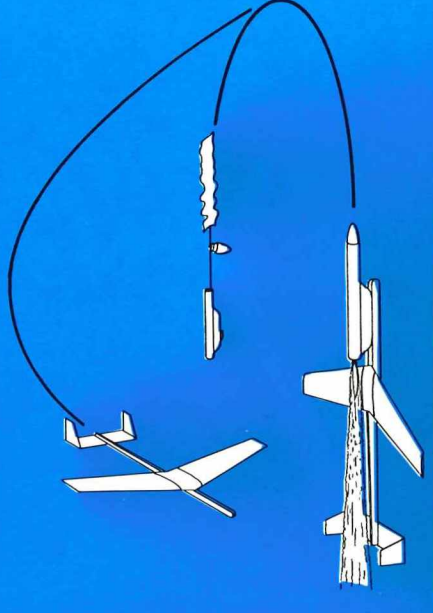
Use standard AVI Thruster-18 solid propellant model rocket motors to fly the AVI Hypersonics.

STEP UP TO THE CHALLENGE OF GLIDE RECOVERY

FLAT CAT

In 1965, G. Harry Stine began the development of a beginner's boost-glider. In 1968, the Flat Cat was born. In 1970, it became a kit. Flat Cat is the most universal boost-glider design ever, ideal for research, efficient for competition, and easy for the beginner. Thousands have been built and flown all over the world.

Flat Cat has a booster pod that pulls the all-balsa glider aloft, detaching at streamer ejection. Gliding weight is 0.81 oz. with a wing area of 36 sq. in. Experts have reduced this weight in half by careful streamlining. With an A3-2 engine, Flat Cat should make a flight of 45 seconds to one minute. Contest flights of over 6 minutes have been made using the B3-3 motor.



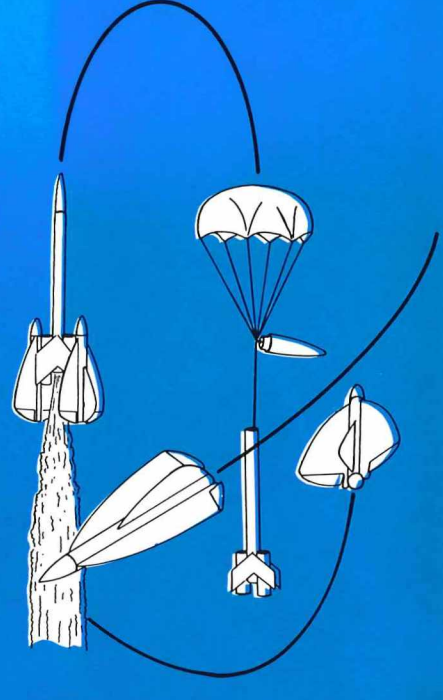
Other specs: Wing span: 13.75''. Liftoff weight (no motor): 1.095 oz. Pod diameter: 0.788''. All balsa glider.

Kit No. 3-0216

Price: $2.50

LUNAR PATROL

Bill Fileccia's great parasite boost-glider kit! At liftoff, motor in the central "core" carries aloft two delta-wing gliders which detach when the core ejects its recovery parachute. As the core descends, the two gliders swoop and turn to float in for a perfect landing. Paper tube bodies and balsa noses and flying surfaces. Basic tube dia. 0.788''. Length: 15''. Weight: 2.05 oz. (no motor). Recommended motors: A3-2, B3-3, B6-2, C6-4.



Kit No. 3-0215

Price: $3.00

aerospace vehicles inc P.O. BOX 77 MINERAL POINT, WISC. 53565