AVI MINIJET® MODEL ROCKET MOTORS

The ultimate in small, economical, efficient model rocket propulsion!

The unanimous choice of the 1972 U.S. Space Model Team for the First World Championships in Yugoslavia!

The model rocketeer's continual battle against weight and aerodynamic drag is limited by the size and weight of available designs were restricted to a minimum of about 0.70'' in diameter because of the standard 18x70mm. motor casing. Various techniques were developed by motor manufacturers to reduce the weight of the standard casing.

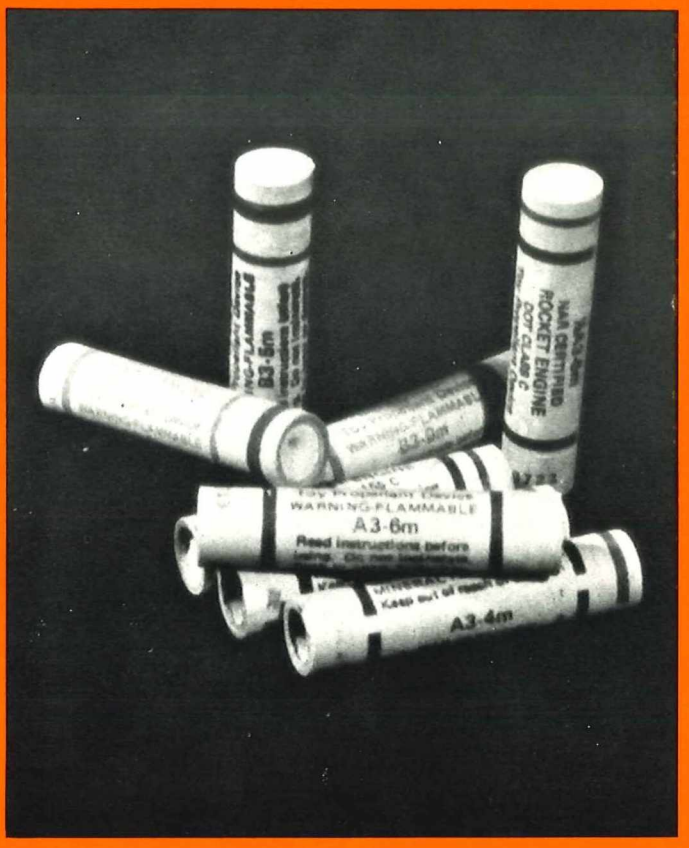
In early 1971, the Minijet Breakthrough occured. Myke Bergenske, now President and General Manager of AVI, perfected the Minijet motor with its smaller 13x57 millimeter casing.

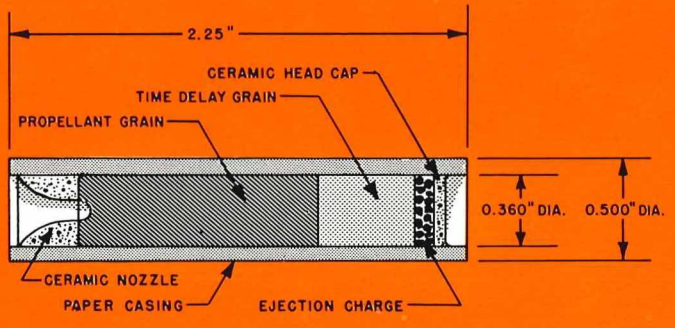
With Minijets, it was possible to reduce the size of a model rocket and hence the aerodynamic drag by more than 46%.

The Minijets also offered a striking reduction in motor weight—and thus total model weight. Both the standard Type B3-3 and the Minijet B3-3m have the same power and thrust, but the B3-3m Minijet weighs less than half of the B3-3!

Lower weight, smaller diameter, but equal power and thrust are the secrets behind the Minijets' outstanding performance.

Serious model rocketeers immediately began to use the Minijets to establish a whole series of new and impressive US and international model rocket performance records.





Although it's obvious that terrific performance can be obtained by model rockets designed to use the small Minijets, it is not so readily apparent that the Minijets can improve the performance of standard-size model rocket designs! Large models weighing up to 2.5 ounces can and have been flown with the Minijets. All of the AVI model rocket designs with the exception of heavy models such as Vostok, Titan and Nike-Tomahawk have been flown with the Minijets.

AVI Minijets are not only the first of the mini-motors, they are the most reliable, the most inexpensive, and the most utilized by contest fliers.

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