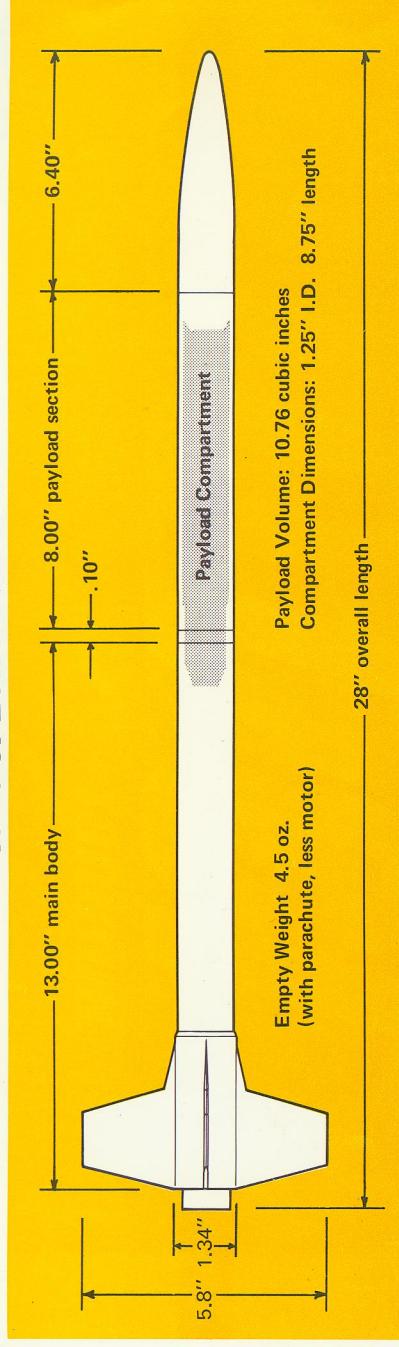


1340 SPECIFICATIONS



Essential Information

MOTOR ADAPTABILITY

The 1340 is adaptable to all Enerjet rocket motors of 1.125" diameter. These motors offer a range of performance ranging from 9 pound seconds to over 40.

AIR FRAME MATERIALS

The 1340 is completely non-metallic. Materials are plastics, and heavy-wall pre-colored spiral wound cardboard and glassine tubing, all contributing to the vehicle's economy, great safety characteristics, and overall light weight. Every ounce trimmed from the rocket itself is saved for payload. The 1340 can loft payloads exceeding its own weight. The 1340 is easily water-proofed for foul weather launching by spraying the finished rocket with clear acrylic.

ASSEMBLED OR IN KIT FORM

The 1340 is easily and quickly assembled. Therefore to make the vehicle available to the widest variety of customers with a variety of budget requirements we offer the 1340 in kit form with explicit instructions for its assembly. Naturally, the 1340 is also available completely assembled and ready to go.

NECESSARY SUPPORT EQUIPMENT

The 1340 can be launched from our standard lightweight launch system. The launcher can be hand-carried; no bunkers or shelters are required. Launcher should be positioned on a level terrain or truck bed for stability. The 1340 system is, therefore completely portable.

LAUNCH CONDITIONS

Rockets should be launched from a large open area, preferably over 800' on a side, clear of overhead power lines. Choose a clear day with little or no wind. Check for aircraft overhead before launching. Trees or tall grass will make recovery more difficult, likewise nearby lakes or bodies of water. Avoid high winds as rockets will program somewhat into a strong headwind and will drift considerable distances on their parachutes. The 1340 rocket can stand in the rain for several minutes, much longer when waterproofed though obviously tracking and recovery in foul weather conditions are nearly impossible.

RECOVERY OPTIONS

The 1340 vehicle is fully recoverable. Main body and payload sections remain connected by shock cord and can be returned either by 12" silk parachute or 10' drogue streamer. The streamer reduces landing area dispersion but subjects payloads to increased landing shock. For single mission requirements, the 1340 is available with no recovery provisions at reduced cost.

LAWS & REGULATIONS

All Enerjet motors have been tested and safety certified by the U.S. Department of Transportation and the Canadian Department of Energy, Mines and Resources. The FAA should be notified prior to the launch of rockets powered by motors of over 4 oz. propellant weight or liftoff weight exceeding one pound. California requires notification of fire authorities prior to any rocket launching; occasional local ordinances require permits or notification. Beyond these considerations, the 1340 is legal to launch throughout the United States and Canada. If in any doubt, consult your local fire officials.

APPLICATIONS

The 1340 has been designed for a wide variety of applications. Sample applications are: Altitude pollution sampling, cloud seeding, acceleration testing of electronic devices and components, exhaust plume analysis, avalanche control, illuminating and signal flares, radiation sampling rockets, line laying, impact testing of electronic devices and components, chaff dispersion at altitudes up to 8000 feet, material ablation and erosion tests. Coasting dart systems and an enlarged 2.0" diameter payload version are under development. Our staff is eager to assist you in adapting the 1340 to your special needs or helping you select the configuration most appropriate for your application.

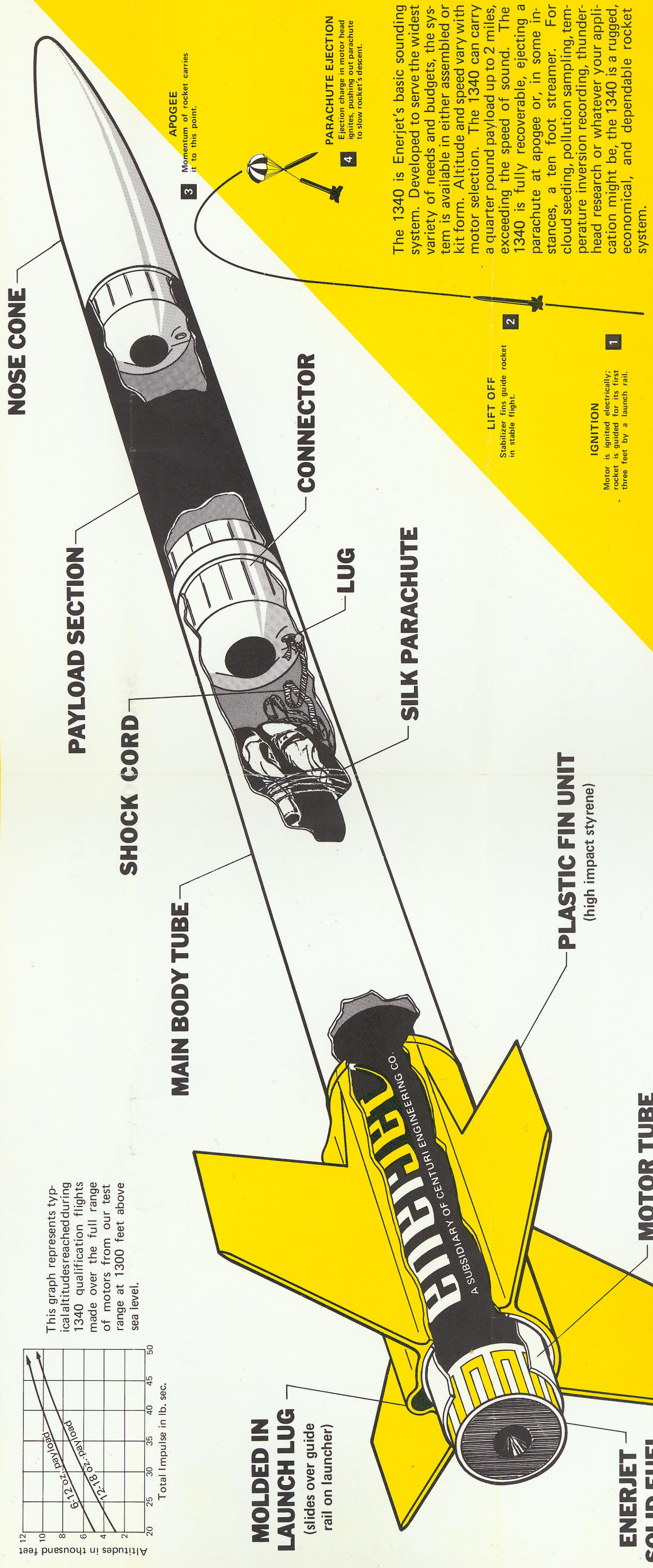
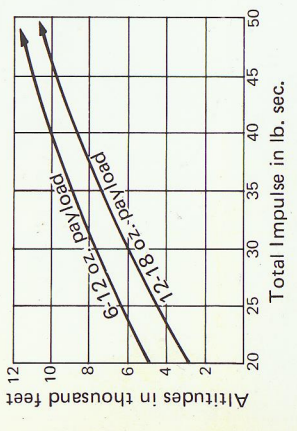
enerjet[®] 1340^{T.M.} SOUNDING ROCKET



1340^{T.M.}

SOUNDING ROCKET SYSTEM

A practical low-cost vehicle for sounding up to two miles with light payloads.



The 1340 is Enerjet's basic sounding system. Developed to serve the widest variety of needs and budgets, the system is available in either assembled or kit form. Altitude and speed vary with motor selection. The 1340 can carry a quarter pound payload up to 2 miles, exceeding the speed of sound. The 1340 is fully recoverable, ejecting a parachute at apogee or, in some instances, a ten foot streamer. For cloud seeding, pollution sampling, temperature inversion recording, thunderhead research or whatever your application might be, the 1340 is a rugged, economical, and dependable rocket system.

HOW THE 1340 SOUNDING ROCKET WORKS

enerjet[®] inc.
3057 W. Fairmount, Phoenix, Ariz. 85017
Phone (602) 263-5810

1340 CUTAWAY VIEW

(Inquire for information on launch equipment, rocket motors and accessories.)

Enerjet can assume no responsibility for personal or property damage or loss of payloads resulting from the handling, storage or use of its products. Buyers assume all risks, responsibilities and use these products on these conditions.