



WORLD'S FASTEST SLED . . . Looking like a long string of sausages but belying such a description this multiple-stage monorail sled recently shot along Holloman's famous captive missile test track at 3½ times the speed of sound to break every velocity record for its size, weight, and type. Used in a joint Air Force-Army enterprise to test missile warhead fusing systems the sled will continue to be run in a series of tests at this Air Research and Development Comamnd research site.

Torrance Designed Sled Rockets Along 3½ Times Speed of Sound

In a preliminary test at DC's Air Force Missile Development Center recently a 2½ ton monorail sled rocketed along Holloman's famous test track at 3½ times the speed of sound.

"Never so big a monorail sled so heavy so fast," was the way its project engineers spoke of the run, indicating that its 2650-mph velocity had broken all known records for this type sled propulsion.

The sled was designed in the Coleman Engineering Co.'s Torrance plant, the HERALD was told.

TO ACHIEVE such speed the sled assembly consisted of a series of three Nike rockets fired in stages behind a steel instrumentation chamber and a bullet-shaped nose cone, all anchored to the rail tandem fashion by seven slim slippers.

With an overall length of 48 feet it was also the longest monorail sled ever fired at Holloman Air Force Base.

LOOKING LIKE a giant string of sausages it belied that description as it shot off in a trail of orange flame which became one continuous streak as the second and then the third boosters ignited within a few seconds of each other.

Each booster produced about 50,000 pounds of thrust for the 15-second run which covered 5½ miles of the seven-mile Holloman test track.

WITH TWO boosters dropping away at burnout the final rocket and its payload impacted into an embankment beyond the north end of the track with an earth-shaking concussion that sent a cloud of dirt and rubble mushrooming against the blue New Mexico sky.

The impact was a pre-calculated part of the programming for this and similar runs the purpose of which will be to test missile warhead fusing systems in a joint Army-Air Force enterprise including AFMDC, Picatinny Arsenal at Dover, New Jersey, the Sandia Corp. in New Mexico, and the Army Ballistic Missile Agency at Huntsville, Ala.

ACCORDING TO Donald Smith, Picatinny field representative here for the tests, there will be nine such runs in the present series, each using the same Nike type boosters and Bulova Research and Development Laboratory and Coleman Engineering Co. sled structures.

Also on hand from Picatinny Arsenal were Peter G. Olivieri, project engineer; Daniel Carrella, instrumentation engineer; and Arthur Hendrickson, telemetry engineer.

Capt. Morris E. Haven of AFMDC's Test Track Division was the engineer in charge of the project for the Air Force Missile Development Center.

David P. Molloy of Torrance has been admitted to the University of California, Davis, for the coming school year.

Molloy, who plans to major in physical sciences, is the son of Mr. and Mrs. Charles E. Molloy, of 17916 Atkinson Ave. He is a 1960 graduate of North High School.

Approximately 1000 new students are expected to enroll at Davis this fall, according to Registrar Howard B. Shontz. Total enrollment is expected to reach 2750, a 10 per cent increase over the fall of 1959.

Nurses to Meet On Wednesday

The Harbor Area Nurses' Assn., District 21 of the California State Nurses' Assn., is having its first meeting, after months recess, on Wednesday, Sept. 14, 7:30 p.m. at the San Pedro Health Center, 122 W. Eighth St., San Pedro.

All nurses in the Harbor area are cordially invited to attend and to participate in planning for the coming year.

Garden Checklist

1. Bedding plants for winter color are now available in nurseries. Calendula, Pansy, Viola, Stock and Snapdragons head the list.
2. Spring flowering bulbs can be potted up for some portable colors. Be sure to keep them in a dark, cool place to insure good root growth before the tops push up.
3. Set out California's native Christmas Berry (Photinia) now. It's bright berries this Christmas will be a prelude to much more of the same in future years.
4. Dig faded gladiolus as the tops turn yellow. Cut off tops about an inch or less above the bulb; and store the bulbs in a cool dry place until early next year.
5. Buy potted Chrysanthemums in bloom to take the place of those you forgot to plant last spring.

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Cub Pack 211-C
Cub Scout Pack 221-C, sponsored by the Madrona Elementary School PTA, has scheduled an "Enrollment Week" beginning Sept. 19 and continuing through Sept. 22.

Boys in the area who would like to join the Cub Pack are being asked to contact Jack Montgomery at FA 8-2696 or G. A. Ingersoll at FA 8-6724. Boys between the ages of 8 and 10 are eligible to join Cub Pack.

A bonus for the member signing up the most new Cubs during the "Enrollment Week" will consist of eight tickets for the Madrona PTA Carnival to be held Saturday, Oct. 1.

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Polio Clinic Set
Polio vaccination shots at \$1 each will be given Saturday, Sept. 11, from 11 a.m. to 1 p.m. at the Robert Delaplaine Medical Group Building, 198 E. Carson St.

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