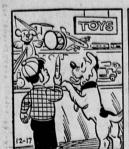
By George Sixte







VIRGIL

By Lew Kleis





















RED RYDER



















## **Torrance Teens To Go Caroling**

The Torrance Teens will go out Christmas Caroling on December 20th from 6:30 to 8:30 to celebrate Christmas. All teenagers going Christmas caroling must have permission slips signed and returned by the eve of the Christmas caroling.

All Torrance teens wishing to get permission slips can call Calista Beard at DA 9:1253 and

The installation will be open tion will be held at the Moose to the public as will be the Lodge of Torrance as will be dance afterwards. The installation time to the dance.

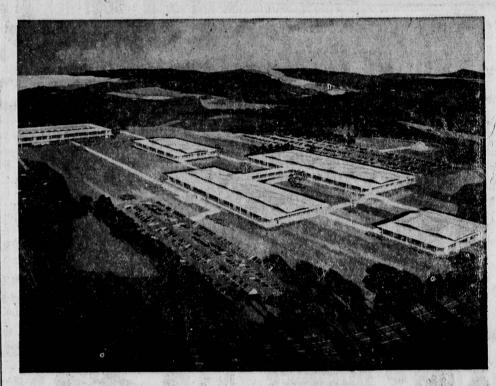
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AIR-LAUNCHED BALLISTIC MISSILE PROGRAM . Outstanding scientists and engineers comprise the engineering team which has been awarded the contract to design and develop the guidance systems for the air-to-ground missile to be utilized in one of the most advanced current tasks. Concepts of the ALBM will apply to other military and peacetime missions such as aircraft, spacecraft, surface ships, submarines, and reconnaissance systems

Nortronics, pioneer in guidance systems, is responsible for the Mark I system in the Snark; the A-8 interplanetary navigation system; LINS - Lightweight Inertial Navigation System; and A-5-the automatic startracker.

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Inertial navigation system analysis Ballistic trajectory control systems

Targeting
Gyros and Accelerometers

SUSTAINING COMPUTER FIELD . This group is composed of scientists and engineers, and applicants should have a minimum of five years' professional experience with at least two years' experience in one of the specialized areas listed. These specialists will solve navigation guidance equations, perform logical system design, and mechanize these systems into the design of circuit hardware.

COMPUTER SYSTEMS ENGINEERS . This group establishes guidance and control system design configurations, carries out com-pleted system synthesis and analysis, evaluates components and subsystems, designs special-purpose computers, and carries out system error analyses involving mathematical computations and the use of high-speed computers. A master's and/or doctor's degree in engineering, physics or mathematics, and experience in inertial systems, digital computers or related fields is required.

LOGICAL DESIGNERS perform analytical and design assignment in digital computers. Working with Boolean algebra, designers assume the responsibility for the logical design of complex airborne computing systems. Experience should cover the logical design of both whole-number and incremental digital computers and the integration of digital computers into complex systems.

DIGITAL TECHNIQUES . Engineers assume responsibility for computer circuit development and computer compone selection, evaluation and application concerning digital computer power supplies, magnetic cores and associated circuitry, magnetic drum memories, high speed switching techniques, twistors and cryogenics in digital computer application.

SOLID STATE CIRCUITS • Engineers will design and develop circuits for inertial, astronertial, and space navigation systems—including computer systems. Engineering applicants will be considered from senior engineers with three to five years' experience in the design and development of transistor circuits. In design which utilizes solid state devices and semiconductors, a thorough knowledge of solid state theory and practice is essential.

IF YOU QUALIFY, WRITE, VISIT OR TELEPHONE MR. JOHN J. RICHARDSON or MR. BOB KEALHOFER NORTRONICS Electronics Systems and Equipment Department 222 North Prairie, Hawthorne, California OR. 8-9111, Extension 1886

