KleinKnecht Leaves JSC

Kenneth S. KleinKnecht, assistant manager of the Space Shuttle Orbiter Project, will be the Office of Management Operations and the Office of Space Science and Applications. KleinKnecht has been on temporary assignment as a radiation dosimetry study for the successful first orbital test flight in April 1981.

Kenneth KleinKnecht

Spacelab Experiment Hardware Shipped from JSC to Launch Site

The first major piece of Spacelab hardware for use in Spacelab was shipped to the Kennedy Space Center. It will be the Office of Management Operations and the Office of Space Science and Applications. KleinKnecht has been on temporary assignment as a radiation dosimetry study for the successful first orbital test flight in April 1981.

Kenneth KleinKnecht

Program Procurement Division Chief Dies

Stephen D. Armstrong, Chief of the Program Procurement Division, died October 7. He was 57.

Mr. Armstrong came to Johnson Space Center in July 1961, from a procurement management position with the Air Force. From 1971 to December 1978, Mr. Armstrong was Chief of the Shuttle Spacelab Procurement Division. During his 34 years of Government service, he was associated with virtually all aspects of the procurement of the Mercury, Gemini, Apollo, and Shuttle Programs. As Chief of the Program Procurement Division, he directed the procurement management activities for the Shuttle Program, other flight hardware, and advanced Research and Technology procurement.

He is survived by his wife, Barbara, of La Porte, Texas, and one daughter.
Power Line Routing Aided By NASA Satellite Information

By using data from Landsat satellites now in orbit, the major crop types that interested Pacific Gas and Electric—cotton, tomatoes, orchards, vineyards and grains—were identified in that area. A detailed land cover image has been generated using Landsat data.

"Because the satellite covers such a wide geographic area, we were able to acquire data that covered all of our alternative corridors," said the utility's Greg Thorburn, who is directing a study of Landsat data in use in transmission line siting studies. "It provides a much more complete picture of the alternatives within this farming area.

Each of NASA's two Landsat satellites can survey any spot on Earth every 18 days. A multi-spectral scanner on each satellite records differences in Sun reflectance from Earth surface features. The scanner takes four readings (from spectral bands) for each 1.1 acre area on the ground of reflected visible and invisible (infrared) light images. The intensity levels of this light are then converted to film images and computer compatible tapes at stations on Earth.

Land data from May, July and August, 1979, were used. Supplied with ground truth data from the California Department of Water Resources and Pacific Gas and Electric from selected areas of the Fresno region, the analysts studied one-mile by one-mile segments containing the crops PG&E wanted to identify to determine signatures for these cover types.

Bicycle Club

The JSC Bicycle Club is offering a free one-year membership to the best club plan submitted prior to December 7. To enter, send your sketch along with your name and phone number to Brian Morris, EP, 86. The winner will be determined at the December 7 club meeting held in the Building 35 conference room at 5 p.m.

Astronomy Seminar

The JSC Astronomy Brown Bag Seminar is held every Wednesday from noon to one in the conference room 193 of Building 31. Topics later this month will be "Current Observations" and "The Mystery of the Dragon's Eye." The meeting is open to the public.

Museum of Fine Arts Plate

The Museum of Fine Arts is issuing a commemorative plate featuring "Jill" Buck, Schwartz's drawing of Jill Ben, circa 1954. The plate will be designed and produced by Motanijeeh, President Reagan's inauguration plate. Cost of the plate is $35 and proceeds will benefit the museum. A sample can be seen and purchased in contacting Lois Miller in Building 45, room 256, ext. 6287.

Autograph Parties

All employees of McDonnell Douglas at JSC and author of books "New Earths," and "New Earths 2" are in in October and will be signing copies of the publications October 22 from 11:30 a.m. to 1 p.m. at Allen-Maxwell Books in Nassau Bay Shopping Center, and October 31 from 11 a.m. to 1:30 p.m. at Waldenbooks in Baybrook Mall.

RC Airplane Fly-In

On October 31 and November 1 from 9 a.m. to 5 p.m. the JSC Radio Control Club will sponsor a fly-in considerably-in. Size of the planes will range from quarter-scale (8-foot wingspan) to 1/2A (2-foot wingspan). The types of planes expected are WWII trainer types and commercial planes. Spectators are welcome.

Dotts Recognized for Tile Densification

Former Director of Engineering and Development at JSC Max Fagot presents a cash award to Robert L. Dott, of the Thermal Technology Branch for his work in developing the densification process for Shuttle thermal protection tiles. The process involves inrating the bonding surface of the tiles with a liquid suspension of luxoid and fine silica powder and then hardening the surface, preventing the expense of replacing the low-strength tiles.

Cookin' in the cafeteria

Week of October 19-23, 1981

Monday: Cream of Chicken Soup; Beef Burgers over Noodles; Fried Chicken; BBQ Sausage Links; Hamburger Steak (Special); Buttered Carrots; Green Beans; Standard Daily Items: Whipped Potatoes.

Tuesday: Beef Noodle Soup; Baked Meatloaf; Liver w/Onions; BBQ Spare Ribs; Turkey & Dressing (Special); Spanish Rice, Broccoli; Buttered Squash.

Wednesday: Seafood Gumbo; Broiled Fish; Tamales w/Chili; Spanish Macaroni (Special); Rice & Beans; Parsley Potatoes.

Thursday: Navy Bean Soup; Beef Pot Roast; Shrimp Scampi; Pork Chops; Chicken Fried Steak; Carrots; Cabbage; Green Beans.

Friday: Seafood Gumbo; Broiled Halibut; Fried Shrimp; Baked Ham; Tuna & NOODLE CASSEROLE (Special); Corn; Turnip Greens; Steamed Tomatoes.

Week of October 26-30, 1981

Monday: Chicken Noodle Soup; Pork & Beans, Round Steak w/Onions; Red Beans, Beets; Meatballs & Spaghetti (Special); Okra & Tomatoes; Corn.

Tuesday: Beef Barley Soup; Beef Stew; Mexican Crepes, Fried Fish (Special); Steamed Tomatoes, Mixed Vegetables, Broccoli.

Wednesday: Seafood Gumbo; Fried Pork; Roast Beef, Creamed Spinach; Swiss Steak (Special); Italian Green Beans; Cabbage, Carrots.

Thursday: Cream of Chicken Soup; Turkey & Dressing, Enchiladas w/Chili; White Beans & Macaroni, Stuffd Bell Pepper (Special); Zucchini Squash, Steamed Broccoli.

Friday: Seafood Gumbo; Baked Fried Chicken; Shrimp, Beefburgers; Fried Fish (Special); Steamed Tomatoes, Mixed Vegetables, Whipped Potatoes, Buttered Cabbage.
For rent: Galveston By-The-Sea
Condo furnished, all utilities included for rent by day, week, or month. Clieatts 474-9221.

WANTED TO BUY: 1978-79 Chevrolet Camaro, body, parts, or whole car. Serious inquiries only. Richard 726-3921.

CHEVROLET PICK-UP 1973-1980: Must have power steering, power brakes and steering, air. Call Chuck after 5:30, 487-2973.


JSC Director Dr. Christopher Kraft September 18 presented awards to three groups in recognition of their engineering efforts.

Forty-six members of the Shuttle EMU/POS High Pressure Oxygen Manned Maneuvering Team were honored for their work in "planning the test program, preparing the high pressure oxygen test facilities, and successfully conducting the Shuttle Extravascular Mobility Unit." The 226 members of the Shuttle Extravascular Mobility Unit Thermal/Vacuum Test Certification Team were cited for conceiving, planning, directing, and performing the activities which led to and culminated in the successful testing of the Manned Maneuvering Unit. The JSC Thermal Vacuum Chamber.

Wanted

Wanted to buy used body cover, used cond. very low miles, extra $500, 471-5616 after 7:30.

Honda XR-185, 1979, excellent condition, used cond. $550. 486-2555.

1961 Honda Passport motorcycle with helmet, gloves & helmet cage $600 after 4:30. All pages in good shape, cond. $300. 486-7200.

Household


Whirlpool compact washer and dryer, with stand. Both look new, dryer works perfectly, washer needs timer. $175 for all $488-3587. For sale: $100 2 rooms of beautiful red carpet, excellent condition, 3 x 11 ft & 12 x 15 ft $180. Halfway carpet free with sale. 333-3367.

Dining table, swing chairs, beautiful mahogany, perfect cond. $700. 554-6473.

Pets

Flea puppies, Weimaraner, part Lab. Good sporting dogs and are used to children. Bid 488-5378/Caroline x539-2896. For sale: Westie for sale 11 to 13 lb. $650. For sale from the Memorial-Dairy Ashford area. Please contact Mark fox, 332-3313.

Carpets

One or more persons to ride in a car pool from the northeast side of Houston off of Hwy 290. Call after 5:30. 868-8509/861-5121.

Carpool wanted, westbound from Westheimer to I-10 to Hwy 59. Caston Hunt x6313. I am interested in joining a carpool from the Memorial-Dairy Ashford area. Please contact Mark Fox, 333-3313.

Dance classes - Beginners dance from 8:30 to 10:00. Caston Hunt x6313.
Little Engine That Could

You might expect to find a scale model railroad like this one in someone's recreation room, but this one found a home as part of an experiment to develop laser docking equipment. Harry Erwin of the Microwave and Laser Section in Engineering and Development aims the laser source at the reflector atop the train's smokestack and tries to pretend he's not enjoying himself.

Langley Research Center

Researchers at NASA's Langley Research Center, Hampton, Va., trying to enhance flight safety, are helping to make light planes inherently stall and spin-resistant.

Aircraft safety and efficiency is the focus of work at Langley and NASA's other leading aeronautical centers — Ames Research Center, Mountain View, Calif.; Dryden Flight Research Center, Edwards, Calif.; and Lewis Research Center, Cleveland.

During the past decade, more than 100,000 Americans were involved in more than 39,000 light plane accidents, according to a recent report by the National Transportation Safety Board.

Nearly one in four of those accidents are believed to have been due to a loss of control after the planes were either purposely or accidentally maneuvered into a stall or spin.

One promising development in stall and spin prevention research is the rediscovery of the canard — a miniature wing that sprouts from the aircraft nose area.

The canard is the most recent focus of a NASA research program aimed at making light planes safer.

Engin...