

CLPL's gas station closes for repairs/renovation of equipment

China Lake Propulsion Laboratory's gas station will be closing for an extended period of time to allow for repairs and renovation of the fuel dispensing equipment. When the presently stocked fuel at CLPL is dispensed, the sta-

tion will be closed. This should occur on approximately Aug. 15.

Those people who normally obtain fuel at the CLPL station can use either the station located in front of Public

Works, the one located at IOB, or the one at NAF.

If you have any questions regarding the closure, contact Nancy Rodgick or Vicki McEnteein, Public Works, at NWC ext. 1143 or 1205 (Code 2671).

FURTHER MARKDOWNS

BOSTON STORES' JULY SALE, THE BIGGEST SALE OF THE YEAR, JUST GOT BIGGER.

JUST TAKEN.

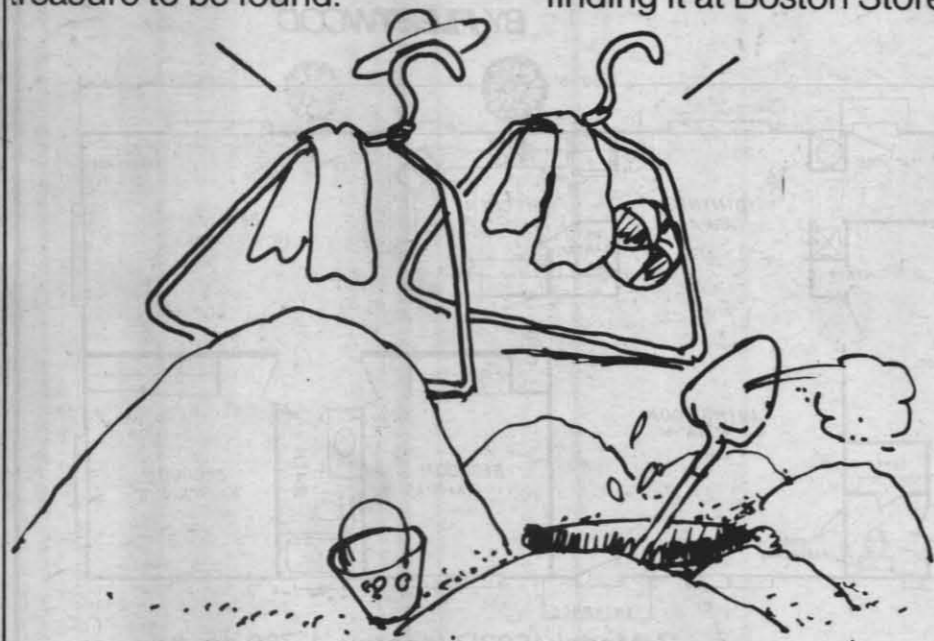
Save big on name brand items for Women, Men, Children and the Home.

SAVE UP TO 60%

Intermediate markdowns may have been taken.

He claims there's buried treasure to be found.

Wouldn't it be easier finding it at Boston Stores?



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(714) 593-0212
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(714) 826-1771

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Capt. Burt to retire from U.S. Navy-p.3

Ice Cream Social fun for all-p. 10, 11

NWC Rocketeer

Naval Weapons Center, China Lake, California 93555-6001

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People are best asset First night FSAT flight successful

China Lake's best asset, its people came through again. A China Lake team made the technical and procedural changes necessary to make the first night time flight of a full scale aerial target (FSAT) late last month.

Personnel from the Aircraft Department's Engineering Support Division, the Range Department and the Center's two civilian remote control pilots all played vital roles in this first night FSAT presentation at China Lake

Intensified low-light camera permits night flights in any kind of lighting

When the Air Force had a requirement for night missile launches against full scale targets, the program office called China Lake because there was no such night flight capability on their own ranges. After some thought and investigation, the decision was made to go ahead. As a result, an Air Force F-15E Eagle fired an AIM-9 Sidewinder at one of NWC's QF-4 Phantom target aircraft on the moonless night of June 27.

Al Sorensen of the Tracking and Control Branch was credited with the engineering effort that made the new capability possible.

Sorensen, in discussing the project, said the hardest part was acquiring new television cameras to mount on the target aircraft. It took several months, and the excellent cooperation of the Center's Procurement Department, to take delivery of these specialized

cameras.

The light gathering capability of the intensified low-light camera is so good, it allows the remote pilot, sitting in the Range Control Center, to see things a safety pilot in the target's cockpit could not, such as beacons from aircraft flying in the Lancaster area.

John Haynes, head of the Track and Control Branch, said this development was a "significant new capability at NWC." For now, China Lake offers the only night FSAT capability in the country.

Once the cameras were acquired, modification of the aircraft took little time since the new cameras were so similar in size to the cameras used for daylight operations on the QF-4 and QF-86.

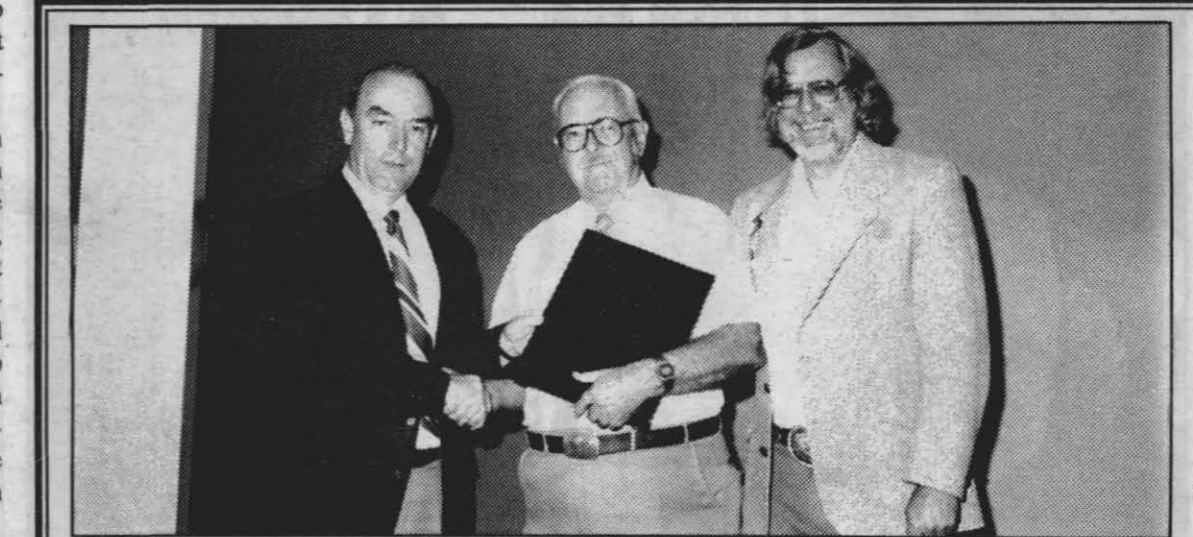
For most people involved with this project the only difference in tasks they performed was the time of day involved. Only the pilots, noted Mike Kaspar of the Target Systems Section, had a really different environment. Kaspar added it took Wayne Greene, the setup pilot, and the section personnel a little longer to prepare the Phantom, but only because of the time of day, not because the mission requirements were any different.

While extra caution was used because of the need to work at night, Bob Whisman in the Target Systems Section said it was really, "business as usual, it all went smoothly for us," as they installed the destruct package.

In the RCC ground control station Norman Osman said, "It's an (Continued on Page 6)



TARGET PILOTS--Harlan Reep and Dick Wright are NWC's civilian pilots responsible for remote piloting of the full-scale aerial targets, the QF-86 Sabrejet and the QF-4 Phantom. The pilots are standing next to the modified QF-4 used in the first night no live operator on board (NOLO) flight last month. Photo by PHAN Cary Brady.



PEER RECOGNITION IN ACTION--is demonstrated by the award of the first-ever "Distinguished Fellow" award presented to John Pearson, center, for his achievements in detonation physics. Gerry Schiefer, left, technical director, NWC, and Richard Hughes, an originator of the Fellow Program, presented the Fellow awards on July 13 to 29 honorees. Photos of newly named 'Senior Fellows' and 'Fellows' appear on Page 7. Photo by PHAN Cary Brady.

