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News Release

GRADUATE RESEARCH CENTER OF THE SOUTHWEST
SOUTHWEST CENTER FOR ADVANCED STUDIES

Box 8478
Dallas, Texas 75205
Dial 363-5211
Area Code 214
Al Mitchell
Director of Information



RELEASE ON RECEIPT

**GRCSW LETS NOSE CONE CONTRACT
TO OKLAHOMA STATE UNIVERSITY**

Contract for construction of the nose cone and circuitry for a Graduate Research Center of the Southwest rocket experiment has been let to the Research Foundation Electronics Laboratory of Oklahoma State University at Stillwater, Oklahoma.

Announcement of the \$8,784.00 contract let under a NASA grant was made today by Dr. Lloyd Berkner, GRCSW president, and Dr. Marvin T. Edmison of the OSU Foundation.

According to principal investigators Prof. William B. Hanson and Thomas W. Flowerday, the OSU constructed nose cone will be designed to house two experiments -- a neutral mass spectrometer and a light ion spectrometer. The two-pronged nature of the experiment called for a clamshell, separable type of nose cone, which will, when blown off, expose instrumentation for data gathering. It was noted that the Oklahoma research foundation has been concerned with such construction since 1957 and has had the principal or sub-contracts for over 200 individual missile firings.

At the GRCSW laboratories instrumentation is being adapted to the Nike Apache vehicle for flight later this year.

Ultimately the spectrometers will be used in a satellite to provide the broad scale information on composition necessary to the understanding of global atmospheric dynamics.

Firing from the Wallops Island, Virginia launching site, the Nike Apache is expected to reach a maximum apogee of 140 statute miles.

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