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to that of the chemical group of the J-Division of the Los Alance Scientific Laboratory, and extrame close-in sampling of the debris since the time of Operation RANCER (Restricted) has been a joint undertaking as far as such samples are necessary for this program.

SELUKIT

PROCEDURE

Extreme close-in filter paper samples will be required on the occasion of Operation GISTER and it is planned to meet this requirement by working agreement with J-Division of the Les Alexos Scientific Laboratory. Extreme close-in samples of the gasesus debris may be necessary, depending upon the precise nature of the weepen or gadget under test, and similar arrangements will be made with the J-Division of the Los Alexos Scientific Laboratory to incorporate either the present snap samplers or a modification thereof into the LiSE requirements for extreme close-in flights. It is anticipated, however, that securing of extreme close-in gas samples will constitute a part of this program for planning, administrative, budget and analysis purposes. Close-in samples out to a distance of approximately 300 miles, both of the particulate debris collected on filter nemens and the sameous debris to be collected by ourrently existing

Tights. These aircrare will be presumely available as in the past by virtue of the requirements for weather surveys under another program. Long range samples as may be required will be collected in the course of the routine operations of the In addition, a requirement exists for high-concentration fall-out samples, procedures for which will be worked out in concentration with other programs if possible, or otherwise initiated

SUPPORT RECUIRED:

In addition to the normal items below required in support of activities, within the Task Force area, a further requirement essential to this project is included as Item (f),.

a. "Personnel: Forward echelon - seven (7) officers, seven (7) airmen, four (4) civilians

b. Instrumentation: None

o. On-Site Construction required from AEC Contractors: 1200 sq. ft. of office and laboratory space at Kwajalein.

d. Air and Rail Transportation: Transportation for 7 officers, 7 airmon, 4 civilians, and 5 tons of equipment for the east coast of the U.S. to Kwajalein.

7.0 -

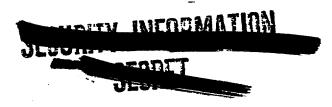
SECTION REPORTATION

e. Pundst

	RAD	Extra-Military
Total Estimated Cost	\$100,000	0
Funds Available	0	0
Test Agency Funds Required	\$200,000	. 0

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f. Other: To facilitate the collection of samples at long range, there is a requirement for measurements of the height and initial movement, after stabilization, of the tops of the radioactive clouds, the bases of the mushrooms, and of any other prominent features of the clouds, and for upper level wind observations taken in the Task Force area. These data are required in Washington as soon as possible after detonation. The details of this requirement will be worked out in coordination with the Task Force meteorological section.



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