

[REDACTED] [REDACTED]

WEEKLY DIARY ITEMS - IBZSP

2 March Thru 8 March 1960

(U) Douglas Aircraft Company, Inc.

1. (U) The services and supplies for the support of the TIROS and TRANSIT Project under the THOR R&D Program and services and supplies to perform WS-115A and Special Projects System Development Testing (Ground Testing) and Flight Test, which were procured under Letter Contracts Designated as Supplemental Agreements No. 20 and No. 49 to Contract AF 04(645)-65 have been formalized by Supplemental Agreement No. 61 to said contract. Included in this supplemental agreement was the formalization of 15 CCN's issued under the WS-115A Program and the addition of 60 items of IOC - Ground Support Equipment. This contractual instrument was forwarded to AMC (MCPC) for manual approval on 7 March 1960.

2. (U) Negotiations are scheduled to resume 10 March 1960 covering Letter Contract Designated as Supplemental Agreement No. 48, which covers the services and supplies to design and modify THOR Boosters to TRANSIT AND COURIER configuration and launching and engineering support therefor. Costs pertinent to additional Flight Test Effort at Edwards AFB and five CCN's issued against the WS-115A Program are also a part of the scheduled negotiations which will involve a total estimated cost of \$2 million. This is the sole remaining letter contract issued as a supplemental agreement against Contract AF 04(645)-65, which is the original THOR R&D contract.

3. (S) THOR Missile No. 272 was satisfactorily launched from Complex 75-2-8, Vandenberg AFB, at 1205.55 PST on 2 March 1960 as Operation "CENTERBOARD." It was the third launch from LE 8, the 12th RAF launch in the United States, and the 13th IOC launch at Vandenberg AFB. Preliminary data indicated the flight range was 1,326 nautical miles with a target miss of 1.25 nautical miles short, 0.75 nautical miles right.

(U) Douglas Aircraft Company, Inc.

Letter Contract AF 04(647)-554 covering launch capability at AFMTC, Patrick AFB, for a period of one year was returned signed by the Contractor on 7 March 1960 and was forwarded to the Procurement Committee for final review and approval.

(U) Phase ALPHA, Project DYNA SOAR

Contract AF 04(647)-553, The Martin Company, was received signed by the Contractor and is being readied for final review and distribution. Contractor has already submitted data, after cursory review by AFBMD/BMC, on 7 March 1960 to Boeing Airplane Company for integration with Boeing data for Boeing's presentation to DYNA SOAR WSPO at Wright-Patterson AFB on 11 March 1960.

(U) Internally Implanted Biological Telemetry System

A procurement is in process for the development, fabrication, surgical implantation and selected environmental test of a miniaturized, internally implanted, biological telemetry system for in-flight physiological monitoring. This work will be performed by North American Aviation, Inc., for Bio-Science Study (Project 6770 - Task 67705).

DOWNGRADED AT 12 YEAR
INTERVALS; NOT AUTOMATICALLY
DECLASSIFIED. DOD DIR 5200.10

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(U) Long Range R&D Valve Program

This program is for the development, fabrication, environmental testing and flight rating qualifications of valves, regulators and switches for WS 107A-1, 107A-2 and 115A. This program is rapidly phasing out; however, it is necessary to carry on some phases for further testing and fabrication. Frebank Company, Glendale, Calif., is developing switches which fall into this program and their contracts will continue for approximately another year. The R&D Valve Program is currently covered by Contracts AF 04(647)-158, -160, -161, -163, and -429.

(U) Study Programs WS 107A-1 and 133A.

The University of Utah at Salt Lake City, Utah is performing a study on two Air Force contracts, one of which is a study to determine the penetration and cratering effects produced by the impact of high velocity particles and the other to determine the mechanisms of production and removal of electrons in flames. These contracts are being extended for one year to allow for further study.

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