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BYE-110558-80

As of 31 March 1980

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QUARTERLY PROGRAM REPORT

PROJECT DAMON

Program Manager: Colonel Daniel B. Hutchison

1. Overview

- a. The DAMON post-award conference was held in January.
- b. Air Force Program 267 was introduced to DOD and NASA; thereby, establishing an umbrella for DAMON.
- c. The Shuttle Pallet Interface Utility Study, 10430, and Advanced Imaging MIX-85, 10424, were initiated.

2. Specific Status

- a. The DAMON program baseline was established at the post-award conference. The contractor began developing designs and schedules leading to a Preliminary Design Review in April.
- b. The DAMON photographic reconnaissance spacecraft is scheduled to fly on Space Shuttle Flight Number 6 in May 1982. All related tasks associated with shuttle integration Phase 0 and Phase 1 will be completed shortly after the Preliminary Design Review in early April. Program introduction briefings and working sessions have been held at NASA's Johnson Space Center (JSC) and Kennedy Space Center (KSC). A draft Payload Integration Plan has been developed and is now in final internal review at JSC. The Phase Zero Safety Review was completed in January and Phase 1 Review is scheduled for late April. An extensive data bank has been developed, a data bank catalog distributed and a far-reaching shuttle integration lessons learned dissemination program is now being developed. Space Division has initiated preliminary analysis to determine mixing candidates to share Shuttle Flight 6. Finally, the Orbital Requirements Document and the Mission Support Plan are in the process of review by the AFSCF and a Mission Definition

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Briefing for the intelligence community is scheduled for April.

c. Study 10430 will evaluate the utility of modifying the DAMON interface to perform future experiments. Study 10424 will evaluate the needs and technology expected in the 1985-90 time period and identify imaging system concepts to complement, supplement and back-up the imaging mix.

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