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17 February 1969

on NOV 26 1997

MEMORANDUM FOR: Director of Special Projects
SUBJECT : UTB Task Team Final Report

Attached is the Final Report of the CORONA UTB Task Team. The report is as complete as we could make it within the time constraints.

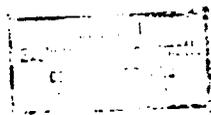
You will note that we recommend a UTB/J-3 test program using QR01 and the Dynamic Resolution Tester (DRT) available at Itek-Lexington. Again, in the time available, we have worked the major problems associated with doing a test program. As you know, tests cannot be run in the ETL due to the limitations on its life. The DRT is a Government-owned vacuum chamber which would be perfectly acceptable for our recommended tests. The problem with it, however, has been its availability, as it is used on a number of other Air Force programs. This problem is, as it turns out, not unsolvable.

The following additional information is provided, therefore, in support of our recommendations.

1. The refurbishment of QR-1 is less of a problem than originally contemplated. The unit already has on it all the current J-3 UTB mods. Further, the only significant refurbishing considered necessary is to replace the star wheel. This will take about one week. There is, therefore, no cost associated with refurbishing QR-1 as Itek already has funds to do this.

2. The DRT is completely available for use in the month of March. There are no schedule conflicts with other programs. Its use, therefore, does not require any special Government action.

3. There is another program in the DRT area in April, but not using the DRT itself. This means that we can use the DRT in April also. The only problems here are (1) the other program is using the vibrator, so we may have to work nights to complete our tests, and



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(2) some of their personnel are not CORONA cleared. The conclusion, therefore, is that we have a viable test facility for two months, which is about enough time to accomplish all the recommended tests.

4. The ROM costs are estimated (by Itek) to be as follows:

A. For the full test program recommended in Section 5, the costs are

QR-1 Tests
Film Tests

[REDACTED]

Total

B. For the minimum test program recommended:

QR-1 Tests
Film Tests

[REDACTED]

Total

Since there are no obvious time constraints on doing the full test program, we recommend its approval.

5. There is one last recommendation. Since UTB is considered important and it is desirable to complete the UTB/J-3 test program in a timely and meaningful fashion, we recommend that a Project Office person be resident at Itek during the major part of the test program.

I believe that we have worked out a viable test program that will enable us to gain the confidence we need to make CR-8 a successful UTB flight. Importantly, however, it would appear that these tests can be completed by 15 May 1969, which is the time that A/P needs correct information to set the system with and have no schedule impact. We recommend your approval of our findings, conclusions and recommendations.

[REDACTED]

Chairman
UTB Task Team

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Attachment:

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