

IDEA-0179-69
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17 February 1969

MEMORANDUM FOR: Deputy for Operations, OSA
IDEALIST/Operations/OSA
Deputy for Materiel, OSA
Weather Division/O/OSA
Contracts Management Division, OSA

SUBJECT: Proposed Conference to Establish Sensor
Thermal Stabilization Requirements and
Solutions

REFERENCE: [] dated 11 February 1969

1. A meeting is being planned to take place at Project Headquarters on 4 March 1969. Contractors to be represented are: Itek (IRIS II and Delta 3), Hycon (B and H) and LAC []. Items to be discussed and resolved are stated in reference.

2. Tentative agenda for this conference is as follows:

- A. Purpose of Conference (SSD/R&D/OSA)
- B. Project Headquarters Operational Input (IDEALIST/Ops and/or Deputy for Operations)

(1) Operational Concept:

(a) Mission planning (i.e., can time of placement of photo configs in Q-bay be reduced; necessity to reduce time to thermally stabilize cameras; time to reach operational altitude under various conditions.)

(2) Percentage of missions requiring minimum time for thermal stabilization.

(3) Probabilities of operating in areas other than SEA.

NOTE: Above are only examples of items which should be presented. Operational personnel should be prepared to present any other information which will aid Proj. Headquarters in making determination as to urgency of thermal stabilization requirement, solution, and justification of

C. Weather and Environmental Conditions
[redacted] - WX/OPS/OSA)

WX/OPS/OSA will brief all attendees on environmental conditions existing at Dets. G and H, aboard aircraft carriers and at other deployed sites, i.e., [redacted] etc. Both ground and airborne environmental conditions at these localities will be presented. Under- signed has had preliminary discussions with [redacted] on 11 February 1969.

D. Camera Configuration Contractors (Hycon and Itek)

Each contractor will present his requirements for thermal stabilization. Preliminary discussions between representatives of camera configuration and contractors indicate following will be required:

- (1) Average Q-bay must be 50° to 55°F.
- (2) Humidity within Q-bay to be 50% R.H.
(Note: No agreement at this time as to variations permitted in temperature and relative humidity limits).
- (3) To achieve above, must have ground conditioning equipment which must have capability to heat, cool and control humidity within Q-bay. Plus -
- (4) Q-bay insulation.

E. Aircraft Contractor (LAC)

- (1) Aircraft contractor will give existing U-2R Q-bay environmental capabilities.
- (2) Modifications, approaches, etc., to achieve above camera configuration requirements.

F. Project Headquarters Decision (D/M, D/O, D/R&D, Contracts, Comptroller)

- (1) Guidance given to contractors to proceed towards solution of problem.
- (2) Time and costs involved.
- (3) Tests required to verify validity of solution.
- (4) Authorization for contractors to proceed.

[Redacted]

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3. All recipients of this memorandum are requested to take the following action not later than 25 February 1969:

A. Indicate approval of agenda or any changes desired.

B. Give names of attendees and, where appropriate, person who will give presentation. Meeting is set for 4 March 1969 and may take a maximum of six hours including lunch. Tentatively, we could start meeting at 0930.

[Redacted]

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SSD/R&D/OSA

Attachment - [Redacted] dtd 11 Feb 69

SSD/R&D/OSA/[Redacted]:bjg

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