MEMORANDUM FOR THE NRP EXECUTIVE COMMITTEE

SUBJECT: July ExCom Meetings

Dr. McLucas has scheduled two ExCom meetings for the month of July. The first meeting will take place on July 14, 1971, from 10 to 11 a.m. in Room 3E 028 of the Pentagon. The second is scheduled for July 22 from 2 to 5 p.m. at the same location. The Agenda for the first meeting is attached with accompanying TAGBOARD Background Paper and Financial Data.

The Director's Report and detailed FY-72-77 Financial Data will be issued on July 13 in time for review prior to the second meeting on July 22, 1971. An Agenda for this meeting will be circulated at a later date.

Attachments
1. Agenda for July 14
2. TAGBOARD Background Paper
3. TAGBOARD Financial Data
TAGBOARD

1. TAGBOARD
   A. Special Committee Results - Briefing by Col. Hartley, Director of Program D
   B. Review of Options Available

2. Special Committee Results - Briefing by Dr. Maka
   A. Special Committee Results - Briefing by Dr. Maka
   B. Review of Options Available (for July 22 meeting)

F. Robert Maka
Secretary
NRP Executive Committee
BACKGROUND PAPER

ON

TAGBOARD

Based upon the results of TAGBOARD operational missions I appointed a special committee, chaired by Colonel [redacted] (former Program Director), to review the system and to make recommendations on how the reliability of TAGBOARD can be increased.

Colonel [redacted] and his team presented their findings and recommendations to me on June 23, 1971. Basically, the team recommends that in order to significantly increase TAGBOARD's reliability, a move must be made towards satellite management techniques and equipment handling procedures as opposed to an aircraft methodology. This would entail returning all hardware to the contractors for considerable rework and complete retesting under the satellite philosophy. In addition, there would be some design changes, particularly in the parachute recovery system, and replacement of worn out components. It is estimated that this effort will require approximately eight months before the first drone is ready for operational flight.

Colonel Frank Hartley, TAGBOARD Program Director, will brief the Executive Committee on July 14 on the results of Colonel [redacted] review and how the recommendation would be implemented.
Attached for your consideration are the various program options, flyable and storage, with projected costs for each.

John B. McLean
TAGBOARD OPTIONS (Millions)

The Tagboard drone funding program established at the July Ex Com was on the basis of flyable storage with a limited operational capability for FY 1972 and 1973, and that if there were no launches in these two years, the drones would be put in dead storage in FY 1974. The funding established for the OSD Program Decision Memoranda and the Five Year Defense Program was:

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<th>FY 72</th>
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<th>FY 76</th>
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As a result of recent examinations of satellite management techniques as applicable to the Tagboard program, two flight options have been developed:

Option 1:
This option would fly 9 of the 15 remaining useable drones by end-FY 1974, with the remaining 6 to go into dead storage in FY 1975. First refurbished flight vehicles would be ready in March/April 1972.

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<th>NRP Costs</th>
<th>Diff. from FYDP</th>
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Option 2:
This option would fly the 15 remaining useable drones by end-FY 1976. First refurbished flight vehicles would be ready in March/April 1972.

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<th>Diff. from FYDP</th>
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Two storage options have also been developed:

Option 3:
This is a one-year (FY 1972) temporary storage option with a recall capability. Major hardware and tooling would be stored and maintained at contractor facilities, and B-52's would be placed in flyable storage. For FY 1973, a decision would have to be made as to whether to refurbish the drones and cameras for flight (with potential costs approximating those for Options 1 or 2, but with costs starting in FY 1973), or to place the drones and cameras in dead storage. This leads itself to three sub-option costs portrayals:

Option 3A - Temporary storage, then 9 flight years

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Option 3B - Temporary storage, then 15 flight years

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<th>NRP Costs</th>
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TAGBOARD OPTIONS
**Options Cost Discussion:**

1. Either options 1 or 2 involve significantly-heavier funding in FY 1972 than budgeted or available under the Aircraft Procurement appropriation, where the Tagboard costs are charged. Either option would require FY 1972 appropriation adjustment or fund reprogramming (and Congressional attention) from regular Air Force funds. The FY 1973 and subsequent years totals for the NRP would also have to increase.

2. Options 3A or 3B would avoid the FY 1972 fund reprogramming problem, but increase the FY 1973 and subsequent years totals for the NRP.

3. Option 3C would involve nearly a year's grace before deciding to put the Tagboard in dead storage.

4. In addition to the NRP costs for any of the flight options, the Air Force funds military manning, B-52 and tanker support costs, etc. Under any of the flight options, Director D estimates that there could be a reduction in military manning of 80 to 100, involving the [redacted] (Air Force funded), inasmuch as the flight options involve increased contractor manning.

**NRP Recommendations:**

1. If the Ex Com wants a Tagboard crisis - response capability pending the availability of [redacted], Option 1 is the indicated choice. This would provide about 8 to 12 weeks of crisis-response capability (starting in March/April 72) before FOG first-launch.

2. If the Ex Com does not want a Tagboard crisis-response capability at this time, then Option 3A could provide one year's grace before a dead-storage decision, or Option 4 would involve an immediate decision to terminate.

3. Proceeding summaries reflect Tagboard at the FIDP amounts, pending an Ex Com decision. Tagboard should be considered in context with NRP total cost considerations.
May 1971

Subj: ExCom Agenda for 14 July 1971

Copy 1 Mr. Packard
3 Mr. Helms
4 Dr. David
4 Dr. Foster
5 Adm. Bowen
6 Lt Gen. Bennett
7 Mr. Duckett
8 Dr. Martin
9 Dr. Schlesinger via Sorrels
10 Dr. Sorrels
11 Adm. Gayler
12 Dr. Hermann
13 Col. Hartley
14
15

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11. Adm. Gayler
12. Dr. Hermann
13. Col Hartley
14. [Redacted]
15. [Redacted]

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