



June 5, 1969

## MEMORANDUM FOR THE RECORD

SUBJECT: Query from Houston MOL Field Office re GEMINI  
Experiment Classification

Last week Col Worthman received a call from [redacted] in which he was asking some adjudication on declassification of certain information pertaining to the old GEMINI program experiments D1, D2, and D6. Col Worthman asked [redacted] to note down his query and explanation of just exactly what it was he was attempting to do in order that we might review it.

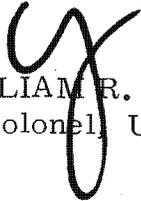
On June 3 we received the attached letter from [redacted] which explained his problem. After reading the letter it was obvious that he was associating two particular items -- (1) Col Worthman's letter dated September 22, 1965 which restricted the dissemination of GEMINI 5 photographic product and (2) a report dated May 1966 by SSD which reproduced the results of several DOD GEMINI experiments, D1, D2 and D6 -- which were clearly not related.

Since [redacted] problem seemed to center around enabling Dr. H. Masursky to participate in the Apollo 11 and subsequent flights with photographic experiments, and anticipating [redacted] further questions, I called Myron Krueger before calling [redacted] back on his problem. I suggested to Myron that the previous DOD experiments could not possibly have a bearing on the new series of Apollo experiments since only NASA was involved in the latter. I explained briefly [redacted] problem on Masursky to Myron and Myron agreed that (1) I should call [redacted] and disassociate the problems, (2) I should refer [redacted] to the office of DOD and Interagency Affairs at NASA Headquarters for help.

I called [redacted] on June 3 and reviewed with him the history associated with the DOD GEMINI experiments, specifically those flown on GEMINI 5. I further provided a distinction between that

involvement on our part and the report by SSD on the GEMINI experiments per se. I explained to [ ] that we were not here interested in, involved in, or authorized to declassify the report he was attempting to declassify for Masursky's use. I suggested to him that Masursky could see the report in its Secret format for purposes of preliminary coordination with those cleared NASA people in Houston, and from that point on should process any requests for experimental effort in the Apollo series through the regular NASA channels and perhaps use the good offices of Myron Krueger to accomplish his objectives. [ ] indicated he understood the situation and would proceed accordingly.

On June 5 I received a call from Myron Krueger which served to confirm my advice to [ ] except that Myron indicated that [ ] was still seeking through his Air Force Headquarters (probably SAMSO) to have the old report declassified -- for what purpose neither Myron or I could understand. In any event, any requests by [ ]/Masursky will proceed in the NASA channels and will not be encumbered by the DOD.

  
WILLIAM R. YOST  
Lt Colonel, USAF

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DEPARTMENT OF THE AIR FORCEMANNED ORBITING LABORATORY, HOUSTON FIELD OFFICE (OSAF)  
NASA MANNED SPACECRAFT CENTER, HOUSTON, TEXAS 77058Reply to  
Attn of:

SAFSL-9 [redacted] /483-3541)

29 May 1969

Subject: Air Force/Gemini Photography Experiments D1, D2 and D6

To: SAFSS (Col Paul E. Worthman)

1. Reference your telecon with [redacted], 28 May 69.

2. As explained in reference telecon, Dr. Harold Masursky of the U. S. Geological Survey is attempting to persuade NASA to use the D1/2/6 photography equipment and technique on Apollo 11 and subsequent Apollo flights. He has all necessary equipment available (questar lens, camera, etc.), and he also has the approval and backing of the Air Force Avionics Laboratory, [redacted] principal investigator for D1/2/6 during the Gemini program. However, Dr. Masursky's greatest stumbling block is the Secret classification imposed by the Air Force on these three experiments. NASA is reluctant to use the D1/2/6 equipment and technique, since doing so would yield lunar and earth resource photographs which, according to existing guidance from your office, would have to be classified as Secret.

3. The problem could be solved by declassifying or downgrading, as much as possible, the D1/2/6 final report (technical report no. SSD-TR-66-130-Vol II, titled "(U) Program 631A," dated May 1966, DDC no. AD 377701L). The report was published by this office (formerly designated Detachment 2 of Space Systems Division). The entire report, except for some appendices, was marked "Secret, group 3," even though there was no security classification guide which dictated such a classification. While searching for a security guide, this office could find only the attached SAFSS letter of 22 Sep 65 from the Deputy Director, Office of Space Systems, to the Commander of Detachment 2, SSD. This letter specified a requirement to classify certain photographs contained in the final report, but nothing more.

4. This office therefore requests that SAFSS declassify or downgrade the report to the maximum extent possible. An appropriate form, AF Form 289, is attached for that purpose. Your immediate attention would be

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appreciated since there is such little time remaining before the launch of Apollo 11 (now scheduled for 16 Jul 69).

5. This letter does not contain classified information.

*for* [redacted]  
[redacted]  
Major, USAF  
Chief

2 Atch

1. SAFSS ltr, 22 Sep 65, Review of Photography from DOD Experiments on Gemini Flight 5 (C)
2. AF Form 289 (U) (2 cys)

cy to: HQ USAF (AFRDS/[redacted])  
w/o atch  
HQ SAMSO (SMMIC/[redacted])  
w/o atch  
MOL SO (SAFSL03b/[redacted])  
w/o atch  
U.S. Geological Survey, Flagstaff  
(Dr. Masursky) w/o atch  
AFAL (AVRP/[redacted])  
w/o atch

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SAFSS

22 September 1965

SUBJECT: Review of Photography from DOD Experiments  
on GEMINI Flight 5

TO: Commander  
Detachment #2, Space Systems Division (AFSC)  
NASA Manned Spacecraft Center  
Houston, Texas 77058

The DOD review of subject photography has been completed. As a result of this review, 32 frames have been cleared for public release and are so identified in the following summary. The remaining frames will not be released by the DOD.

a. Plus X - 3401 - B/W (Magazine 10)

<u>Frame No.</u>	<u>Area</u>
1-4	Moon (Cleared for Release)
5	Blank
6	Dallas Metropolitan Area, Texas (Cleared for Release)
7	Love Field, Dallas, Texas (Cleared for Release)
8-9	Dallas Naval Air Station & Mountain Creek Power Plant
10	Missile in Flight
11-13	Sky Area
14	Possible Contrail
15	Sky-Scattered Clouds
16-18	Holloman AFB, New Mexico
24-28	Dergstrom AFB, Texas
29-31	NASA Industrial Area, Cape Canaveral, Florida (Cleared for Release)
32-35	Las Palmas Airfield, Canary Islands (Cleared for Release)
36	Mombasa Airfield, Kenya (Cleared for Release)
37	Blank
38-41	Mombasa Airfield, Kenya (Cleared for Release)
42-48	White Sands Area, New Mexico
49, 51-54	Aircraft Carrier Lake Champlain and Escort Vessel
55	Blank
56	Unidentified Area
56-59	Fernando de Noronha Island (Brazil) (Cleared for Release)
60-63	Fernando de Noronha Airfield and Island (Brazil)

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## b. Color - 8443 - IR (Magazine II)

<u>Frame No.</u>	<u>Area</u>
1-4	Moon (Cleared for Release)
5-8	Venus (Cleared for Release)
9	Tampico, Mexico (Cleared for Release)
10-15	Complex Northeast of Savannah, Georgia, including Parris Island Airfield, Beaufort Marine Corps Air Station, Hilton Head Airfield, and the area of Beaufort County Airfield
16	Blank
17	Blantyre, Melawi area including portion of SE African Coast or a portion of Lake Shirwa Shore (Cleared for Release)

## c. Pan X - 3400 - B/W (Magazine 3)

<u>Frame No.</u>	<u>Area</u>
1-5	Moon

Note: Considered not printable.

The public release of cleared material will be handled by  representing the Office of the Assistant Secretary of Defense (Public Affairs). Any queries in this regard should be referred to that office.

The following original material is being returned for your further analysis and retention:

<u>Film</u>	<u>Type</u>	
3400	B/W	1 Original Negative ✓
3401	B/W	1 Original Negative ✓ 6 Duplicate Positives ✓
8443	Color (IR Filter)	1 Original Negative ✓ 1 Duplicate Positive ✓

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This material has been classified SECRET. Further reproduction of this material is authorized to the extent necessary to meet an official requirement in the interests of the national security. Dissemination of the material should be limited to those experimenters under your jurisdiction and will be handled in accordance with the provisions of AFR 205-1.

Attachments  
a/s

PAUL E. WORTHMAN  
Colonel, USAF  
Deputy Director  
Office of Space Systems

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REQUEST FOR OR NOTICE OF CHANGE OF CLASSIFICATION				FILE	DATE
(Read instructions on reverse before preparing this form. Reviewing officials refer to paragraph 3 before taking action.)					29 May 69
<b>To:</b> Secretary of the Air Force SAFSS/Col Paul E. Worthman) Washington, D.C. 20330			<b>From:</b> MOL Houston Field Office NASA MSC (ZRI) Houston, Texas 77058		
<input type="checkbox"/> THE DOCUMENT(S) AND/OR ITEM(S) DESCRIBED BELOW HAS/HAVE BEEN REVIEWED FOR REGRADING AND ACTION HAS BEEN TAKEN AS INDICATED IN COLUMN (C). NOTIFY EACH ADDRESSEE TO WHOM YOU TRANSMITTED THE MATERIAL.			<input checked="" type="checkbox"/> REQUEST THAT THE DOCUMENT(S) AND/OR ITEM(S) DESCRIBED BELOW BE REVIEWED FOR REGRADING. JUSTIFICATION IS INCLUDED IN THE "REMARKS" SECTION.		
DESCRIPTION OF DOCUMENT(S) AND/OR ITEM(S) <small>(Type organization, date, subject, title, reference number, etc.)</small> (A)	CLASSIFICATION (B)	CHANGE TO (C)	EFFECTIVE DATE (D)	OFFICE TAKING ACTION (E)	AUTHORITY FOR CHANGE <small>(Name and position)</small> (F)
Tec rpt no SSD-TR-66-130-Vol II <u>Prepared by:</u> AFAL and SSD, Det 2 <u>Dated:</u> May 1966 <u>Subject:</u> AF/Gemini Program experiments D1, D2, and D6 <u>Title:</u> (U) Program 631A <u>Ref. No.:</u> SSD-TR-66-130, Vol II <u>DDC No.:</u> AD377701L	<del>Secret, sp 3</del>				
<b>REMARKS</b>  See attached letter.					
AUTHORITY OR COMMAND LINE		SIGNATURE		NAME AND TITLE OF OFFICE	