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DEPARTMENT OF THE AIR FORCE  
WASHINGTON

OFFICE OF THE UNDER SECRETARY

24 MAR 1964

Dr. Robert C. Seamans, Jr.  
Associate Administrator  
National Aeronautics and Space Administration  
Washington, D. C.

Dear Bob,

This note confirms our previous discussions concerning our on-going support of the NASA Lunar Program under the 28 August 1963 DOD/CIA-NASA Agreement (BYE 6789-63).

We are proceeding with the initial steps of this effort, and it has become apparent that we can provide substantial support on the basis of existing ~~(S)~~-NRO developments. It has also become clear that it will not be necessary, nor even desirable, to have any "white" reconnaissance contracts issued by NASA, as was anticipated at the time of the 28 August Agreement. In this regard, I believe that several observations are in order.

It is evident, from the extensive consideration which has been given to the present provisions of the agreement, that "white" reconnaissance contracts by NASA would not provide effective cover anyway. The important thing to protect is the realizable state of the satellite reconnaissance art (that is, the high-resolution art, as opposed to the lower resolution, "read-out" case), and avoid excitation of public discussion of earth reconnaissance. (In spite of speculative articles in the trade literature, the fact remains that there is no substantive, confirmed satellite reconnaissance system high resolution state-of-the-art knowledge in the public domain; at best, it consists of technical papers in which the author asserts his opinion of what could be done, without authoritative confirmation as to what has been done.) To be credible, the "white" effort would still have to be protected by acknowledgment that certain information is classified and access controlled on a strict need-to-know basis. (Publication of "white" specifications indicating goals less advanced

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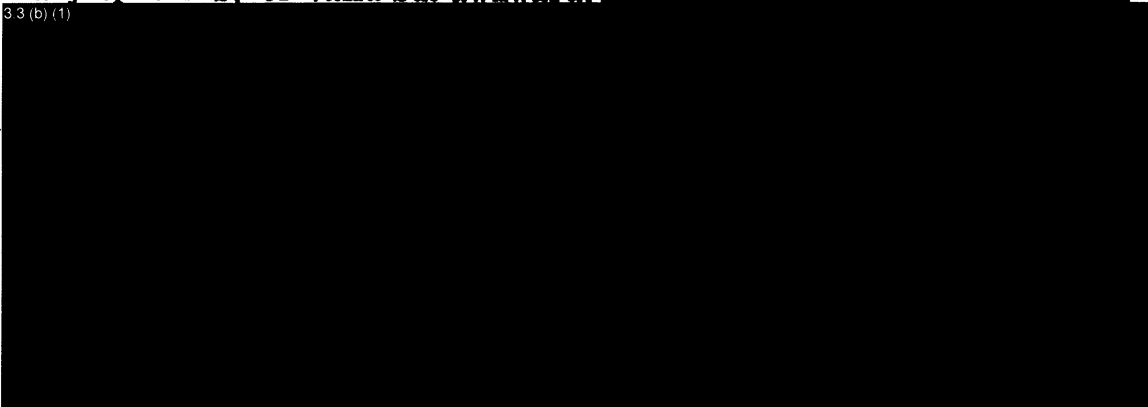
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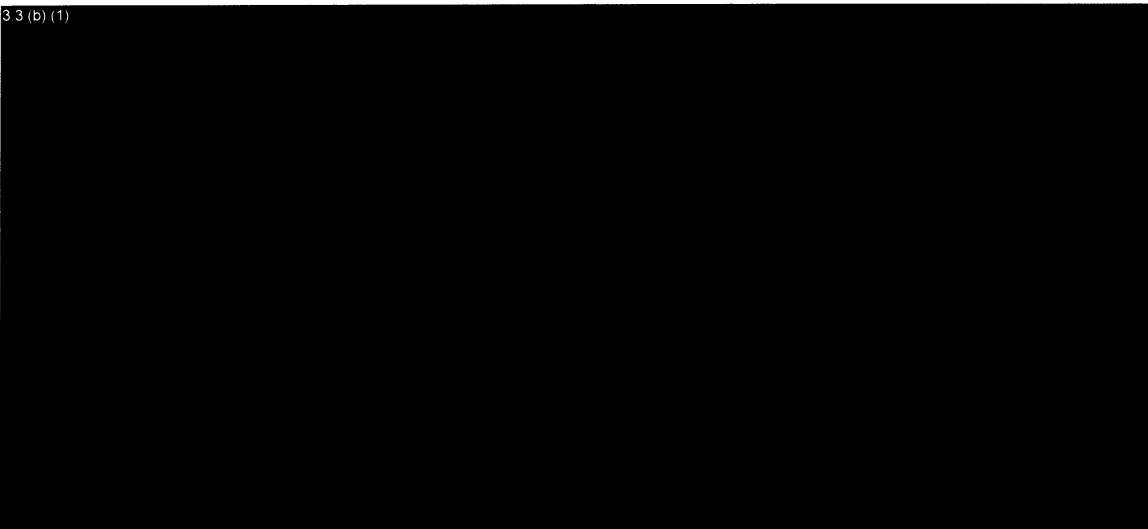
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than are thought to be realizable would result in widespread criticism from the technical and scientific communities and provoke considerable public discussion.) The only thing

<sup>33(b)(1)</sup>  


By not having any public announcement of or elaboration on the reconnaissance contracts, NASA will retain the public image of carrying out the entire program without having to announce explicitly any spurious, or valid but awkward.

<sup>33(b)(1)</sup>  


<sup>33(b)(1)</sup>  


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I suggest that we use simple working agreements on this point to supplement the basic 28 August Agreement. For clarity, I enclose (Attachment 1) a copy of the second paragraph of the Agreement showing the relatively minor deletions and additions that I believe desirable, and a supplemental agreement to adopt this change (Attachment 2). I also enclose a Security Annex to the basic agreement (Attachment 3) which outlines the major actions and items associated with the program security under the above concept. A "sanitized" version of this security annex is included as attachment 4, which you may wish to use internally at the SECRET level.

Upon your concurrence with these two supplemental agreements, I will instruct our personnel to proceed on this basis.



Brockway McMillan  
Director

~~(S)~~ National Reconnaissance  
Office

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1. Agreement Extracts
2. Supplemental Agreement
3. Security Annex to Agreement
4. Security Guide

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DOD/CIA-NASA AGREEMENT

Proposed Change to Paragraph 2, DOD/CIA-NASA Agreement  
on NASA Reconnaissance Programs, dated 28 August 1963 (BYE-6789-63)

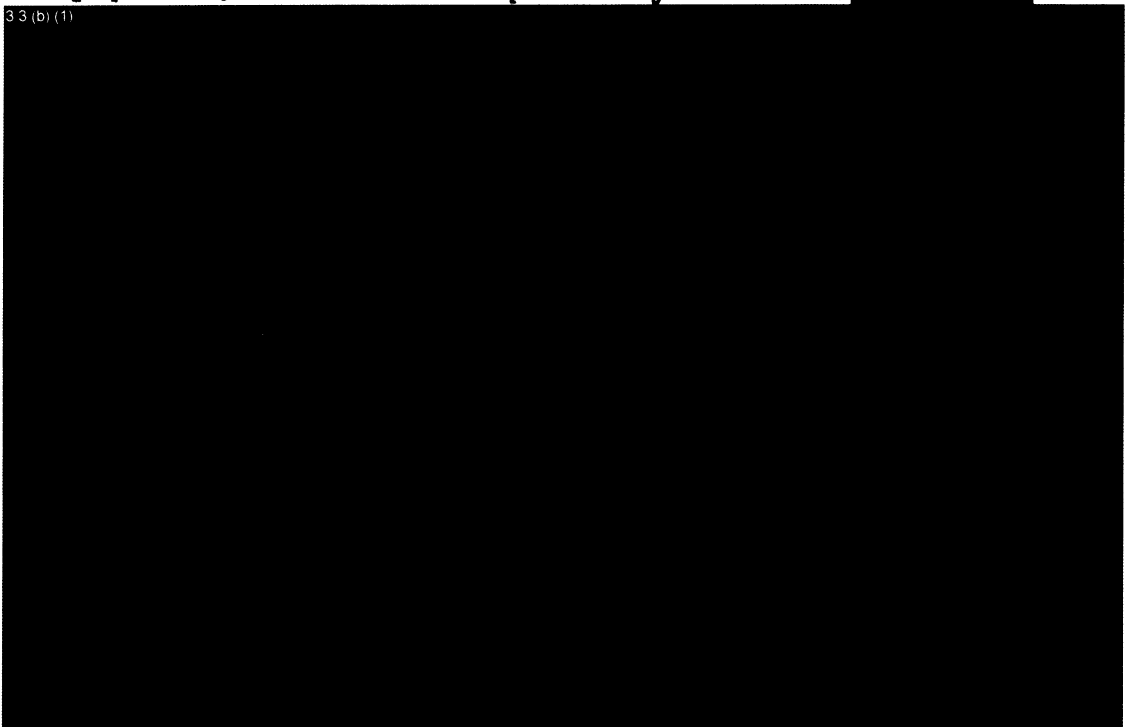
E X T R A C T  
\* \* \* \* \*

"2. To carry out these arrangements, the following procedure  
will normally be employed:

After reviewing NASA stated requirements in the light  
of NRO DOD experience in reconnaissance technology and  
operations, (verifying that NRO developed technology is  
applicable and still considered classified above confidential)  
and agreeing to a set of specifications for the reconnaissance  
equipments, it will be the responsibility of the NRO

33 (b) (1)

33 (b) (1)



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3.3 (b) (1) [REDACTED]

3.3 (b) (1) [REDACTED] This vehicle will generally be provided by NASA. The actual management of the contract effort will be performed by a two-man team, including one man from NASA, 3.3 (b) (1) [REDACTED]

3.3 (b) (1) [REDACTED]

3.3 (b) (1) [REDACTED] This arrangement is to provide all essential information to the appropriate members of NASA and the contractor organizations involved in the development of the flight vehicles and reconnaissance hardware. "

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**SUPPLEMENTAL AGREEMENT**

on

**NASA RECONNAISSANCE PROGRAMS**

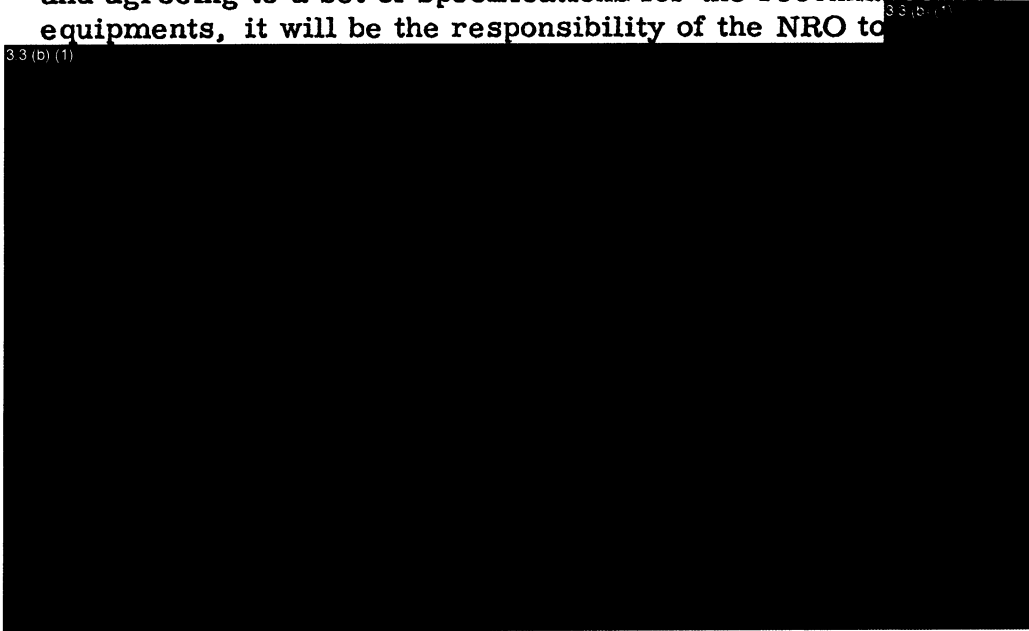
Reference: DOD/CIA-NASA Agreement on NASA  
Reconnaissance Programs, dated 28 August 1963  
(BYE-6789-63)

This agreement supplements the referenced agreement to replace paragraph 2 with the following:

"2. To carry out these arrangements, the following procedure will normally be employed:

After reviewing NASA stated requirements in the light of NRO DOD experience in reconnaissance technology and operations, (verifying that NRO developed technology is applicable and still considered classified above confidential) and agreeing to a set of specifications for the reconnaissance equipments, it will be the responsibility of the NRO to

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33 (b) (1)

33 (b) (1)


This vehicle will generally be provided by NASA. The actual management of the effort will be performed by a two-man team, including one man from NASA, who will be cleared for the

33 (b) (1)

This arrangement is to provide all essential information to the appropriate members of NASA and the contractor organizations involved in the development of the flight vehicles and reconnaissance hardware."



BROCKWAY McMILLAN  
Director  
~~(S)~~ National Reconnaissance Office



ROBERT C. SEAMANS, Jr.  
Associate Administrator  
National Aeronautics and  
Space Administration

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Security Annex to DOD/CIA-NASA Agreement  
on NASA Reconnaissance Program,  
dated 28 August 1963 (BYE 6789-63)

This document lists security policy on specific major items and actions associated with the referenced agreement. As the program progresses, necessary revisions and additions will be formalized by subsequent supplemental agreements in the form of amendments to this annex. (A subsequent security guide, rather than this document, will be used to govern the wording of unclassified releases.)

A. General

<u>Item</u>	<u>Classification</u>
1. The existence of an agreement between the <del>(S)</del> -NRO and NASA regarding lunar reconnaissance	TOP SECRET/BYEMAN Special BYEMAN clearance required
2. The existence of an agreement between the DOD and NASA regarding lunar reconnaissance, co-signed by the Under Secretary of the Air Force and the Associate Administrator of NASA	Unclassified
3. All references to the <del>(S)</del> -NRO, by full name or initials	SECRET/BYEMAN Special BYEMAN clearance required
4. The text of the agreement between the DOD and NASA regarding lunar reconnaissance	TOP SECRET/BYEMAN Special BYEMAN clearance required
5. The fact that the DOD or any of the services (Army, Navy, Air Force) is participating in the lunar reconnaissance program	Unclassified

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**B. Public Information**

- |   |   |
|---|---|
| 1. NASA public statement of plan to have camera aboard manned lunar orbital flight, with provision for recovery of exposed film   | Unclassified                                  |
| 2. NASA public statement that camera is being developed under USAF contract, including the name of the contractor(s)  | Unclassified                                  |
| 3. NASA public statement that all details and specifications of the photographic hardware are classified by the DOD in order to protect possible future military applications     | Unclassified                                  |
| 4. DOD public statement, <u>if queried</u> , that the Air Force Systems Command is charged with the responsibility for providing photographic hardware to NASA for this program   | Unclassified                                  |
| 5. DOD public statement, <u>if queried</u> , that selection of photographic hardware contractor was handled as normal source selection based on a classified Request for Proposal | Unclassified                                  |
| 6. Public announcement of identities of all firms participating in Request for Proposal   | Not releasable except by Secretary of Defense |

**C. Requirements**

- |  |              |
|--|--------------|
| 1. The fact that NASA may conduct lunar reconnaissance with Apollo | Unclassified |
|--|--------------|

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2. NASA's generalized statement of design objectives for lunar reconnaissance operations
3. NASA's official statement of lunar reconnaissance requirements
4. ~~(S)~~ NRO analyses in response to NASA requirements, showing what can be fulfilled and how it will be fulfilled

CONFIDENTIAL

TOP SECRET/BYEMAN  
Special Byeman clearance required

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Special Byeman clearance required

D. Source Selection

1. The fact that a source selection may be conducted for a reconnaissance payload
2. The meeting place, time of meeting, or constitution of the source selection board
3. Requests for proposals, as issued to contractors
4. Contractor replies to requests for proposal
5. Source Selection Board deliberations and results
6. The name of the award-winning contractor(s)

Unclassified

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E. Reconnaissance Hardware Development/Engineering Program

- |  |   |
|--|---|
| 1. The name of the payload contractor(s) (and subcontractors, if any)  | Unclassified  |
| 2. Payload contractor and subcontractor progress reports   | TOP SECRET/BYEMAN<br>Special Byeman<br>clearance required |
| 3. Payload specifications and drawings that reveal the fundamental optical characteristics of the reconnaissance equipment   | TOP SECRET/BYEMAN<br>Special Byeman<br>clearance required |
| 4. Interface information including drawings (other than described in 3 above) covering such items as circuitry, stabilization, telemetry, weight, mass balance, thermal balance, power requirements, etc., to permit appropriate action on the part of the vehicle designers/engineers | SECRET (or lower,<br>based on further detailed<br>review) |
| 5. Contracting, auditing, and renegotiation actions and reports  | TOP SECRET/BYEMAN<br>Special Byeman<br>clearance required |

F. Flight Operations

- |  |   |
|--|---|
| 1. The fact that a lunar reconnaissance payload exists   | Unclassified  |
| 2. View of camera or mock-up in completely assembled state with no opportunity to assess its design or operational characteristics | Unclassified  |
| 3. Access to the general area of the assembled camera by persons who must check out lead-in circuitry, power, telemetry, etc.      | SECRET (or lower,<br>based on further<br>detailed review) |

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|---|---|
| 4. Access to camera storage, disassembly, test, and check-out special facility  | TOP SECRET/BYEMAN<br>Special Byeman clearance required          |
| 5. Access to camera system in disassembled state or access to camera for engineering adjustment to an extent permitting assessment of design or operational characteristics | TOP SECRET/BYEMAN<br>Special Byeman clearance required          |
| 6. Camera telemetry on the ground or in flight  | Unclassified  |
| 7. Recovery area security:<br>Access to view of assembled camera with no opportunity to assess its design or operational characteristics                                    | Unclassified  |
| 8. Recovery area security:<br>external view of film cassette  | Unclassified  |
| 9. Recovery area security:<br>access to or possession of film cassette  | SECRET  |
| 10. Recovery area security:<br>access to camera to extent permitting assessment of design or operational characteristics  | TOP SECRET/BYEMAN<br>Special Byeman security clearance required |
| 11. Custody of camera without internal access permitting assessment of design or operational characteristics  | SECRET  |

G. Reconnaissance Products

- |   |        |
|---|--------|
| 1. Lunar photography as initially processed | SECRET |
|---|--------|

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2. Sanitized lunar photography  
(i. e., remove fiduciaries  
and enlarge)

Unclassified

3. Earth photography, if any

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Special clearance required

*Brockway McMillan*

Brockway McMillan  
Director  
~~(S)~~-National Reconnaissance  
Office

*Robert C. Seamans, Jr.*

Robert C. Seamans, Jr.  
Associate Administrator  
National Aeronautics and  
Space Administration

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Security Guide  
concerning  
Reconnaissance Aspects of Apollo

This document lists NASA security policy on specific major items and actions associated with the Apollo project. As the program progresses, necessary revisions and additions will be formalized by subsequent amendments issued by the Associate Administrator. Access to information of classification higher than SECRET will require individual approval of the Associate Administrator.

A. General

<u>Item</u>	<u>Classification</u>
1. The existence of an agreement between the DOD and NASA regarding lunar reconnaissance, co-signed by the Under Secretary of the Air Force and the Associate Administrator of NASA	Unclassified
2. The text of the agreement between the DOD and NASA regarding lunar reconnaissance	Higher classification
3. The fact that the DOD or any of the services (Army, Navy, Air Force) is participating in the lunar reconnaissance program.	Unclassified

B. Public Information

1. NASA public statement of plan to have camera aboard manned lunar orbital flight, with provision for recovery of exposed film	Unclassified
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2. NASA public statement that camera is being developed under USAF contract, including name of the developing contractor(s) **Unclassified**
3. NASA public statement that all details and specifications of the photographic hardware are classified by the DOD in order to protect possible future military applications **Unclassified**

**C. Requirements**

1. The fact that NASA may conduct lunar reconnaissance with Apollo **Unclassified**
2. NASA's generalized statement of design objectives for lunar reconnaissance operations **CONFIDENTIAL**
3. NASA's official statement of lunar reconnaissance requirements **Higher classification**
4. Analyses in response to NASA requirements, showing what can be fulfilled and how it will be fulfilled **Higher classification**

**D. Source Selection**

1. The fact that a source selection may be conducted for a reconnaissance payload **Unclassified**
2. The meeting place, time of meeting, or constitution of the Source Selection Board **Higher classification**
3. Requests for proposals, as issued to contractors **Higher classification**

4. Contractor replies to requests for proposal Higher classification
5. Source Selection Board deliberations and results Higher classification
6. The name of the award-winning contractor(s) Unclassified

**E. Reconnaissance Hardware Development/Engineering Program**

1. The name of the payload contractor(s) (and subcontractors, if any) Unclassified
2. Payload contractor and subcontractor progress reports Higher classification
3. Payload specifications and drawings that reveal the fundamental optical characteristics of the reconnaissance equipment Higher classification
4. Interface information including drawings (other than described in E 3, above) covering such items as circuitry, stabilization, telemetry, weight, mass balance, thermal balance, power requirements, etc., to permit appropriate action on the part of the vehicle designers/engineers SECRET (or lower, based on further detailed review)
5. Contracting, auditing, and renegotiation actions and reports Higher classification

**F. Flight Operations**

1. The fact that a lunar reconnaissance payload exists Unclassified



- |   |   |
|---|---|
| 2. View of camera or mock-up in completely assembled state with no opportunity to assess its design or operational characteristics  | Unclassified  |
| 3. Access to the general area of the assembled camera by persons who must check out lead-in circuitry, power, telemetry, etc.   | SECRET (or lower, based on further detailed review) |
| 4. Access to camera storage, disassembly, test, and check-out special facility  | Higher classification                               |
| 5. Access to camera system in disassembled state or access to camera for engineering adjustment to an extent permitting assessment of design or operational characteristics | Higher classification                               |
| 6. Camera telemetry on the ground or in flight  | Unclassified  |
| 7. Recovery area security:<br>Access to view of assembled camera with no opportunity to assess its design or operational characteristics                                    | Unclassified  |
| 8. Recovery area security:<br>External view of film cassette  | Unclassified  |
| 9. Recovery area security:<br>Access to or possession of film cassette  | SECRET  |
| 10. Recovery area security:<br>Access to camera to extent permitting assessment of design or operational characteristics  | Higher classification                               |

11. Recovery area security:  
Custody of camera without  
internal access permitting  
assessment of design or operational  
characteristics

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**G. Reconnaissance Products**

1. Lunar photography as initially  
processed
2. Sanitized lunar photography  
(i. e., remove fiduciarities and  
enlarge)
3. Earth photography, if any

**SECRET**

**Unclassified**

**Higher classification**

**(DRAFT)**

**Robert C. Seamans, Jr.  
Associate Administrator  
National Aeronautics and  
Space Administration**