

~~SECRET~~ WHEN WITH ATTACHMENTS

OFFICE OF THE SECRETARY OF DEFENSE

July 27, 1959

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MEMO FOR Mr. Albert P. Toner
The White House

The attached items are submitted by the Department of Defense for possible inclusion in the daily summary for the President.

Item 1 has also been forwarded to Dr. Kistiakowsky.


O. M. Gale
Special Assistant

Attachments

3 item w/attach. "Expected Gains & Losses
Apr. - Jun 1959. (Part of Item 53) 071
SEC DEF CONT NO.
no C.C. of attach sent to 2nd Carhouse.
(Thermafay made)

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THE WHITE HOUSE
WASHINGTON

July 27, 1959

General Goodpaster:

I'll get out a special on this in the morning.

A. P. Toner *apt*

Attachment:
Original of Item #1, DOD Summary
dtd. 7/27/59 (S)

Rec'd 8/3/59 R-2
06-M-2007

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1. DISCOVERER V Launch Schedule for 28 July 1959.
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DISCOVERER V is scheduled for launch 1400 EDT July 28, 1959 subject to a weatherhold. Forecasted weather for the launch site is 400 to 500 feet overcast in the morning anticipated to break up in the early afternoon.

Primary test objectives are orbital capability and capsule recovery including proof tests of modifications incorporated to improve success probability. Modifications improve velocity potential by an additional increment of 700 feet per second.

Vehicle and orbit characteristics are as follows:

Launch weight	117,568 pounds
Weight in orbit	1,748 pounds
Injection velocity	26,190 feet/second
Injection attitude	120 statute miles
Apogee	547 statute miles
Mean orbital attitude	334 statute miles
Inclination	77.4 degrees
Time to capsule ejection	27 hours
Satellite life on orbit	37 days
(Inactive)	

7/27 Orig. to H W / about 176547
7 mod: \$5N # 176547

(Carbon destroyed 8/10/59)

Printed 8/3/59

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