

OPTIONAL FORM NO. 10  
5010-104

UNITED STATES GOVERNMENT

~~SECRET~~*Memorandum*

TO : Launch Control Officer

DATE: 8 December 1962

FROM :   
Payload Manager, Program 758

SUBJECT: Launch 7101

1. It is requested that a report on the reasons for the scrub of the 7 December attempt to launch 7101 on Vehicle 2351 be furnished to Program 758 personnel at Ft. Arguello by Monday, 10 December.

2. The program documents that outline test objectives appear to be so general that it is not possible to distinguish the primary mission from secondary objectives. It is requested that a meeting be scheduled for Tuesday, 11 December in building 6201 to discuss revision of these program documents.

3. The 7 December Countdown revealed deficiencies in the communications systems. It is requested that the previous requirement for two payload positions at the console be met for the next countdown. The Mission Director must have a red ball phone in addition to the following loops:

- Terminal Countdown Loop (Net 5)
- Primary Payload Loop (Net 7)
- Back Up Payload Loop (Net 6)
- Loop to the LOCC
- Hot Line to Program 758  
Control Center, Washington, D.C.  
Area Code 202 Oxford 7-1818

The Payload Console must have a red ball phone in addition to the following loops.

- Primary Payload Loop (Net 7)
- Back Up Payload Loop (Net 6)
- Terminal Countdown Loop (Net 5)

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-2-

Subject: Launch 7101 (Cont'd)

4. The payload work is now being conducted to provide payloads 122,123 at the pad ready for installation on Monday, 10 December and payloads 120, 121 and 127 at the pad at 8:00 a.m. Wednesday, 12 December.

Martin J. Votaw  
Payload Manager  
Program 758

Copy to:  
NRL Code 1000  
~~CDR Frank Sperberg~~  
~~COL Bussard~~

~~SECRET~~

~~TOP SECRET~~

kuw 110

7102

Carry Over  
Amendment  
New Orders

\$ 663.4K  
2,556.1K  
4,797.5K  
\$ 8,006.9K

Total

Plan

Bind

- FY63 \$ 1,093.5K  
- FY62 90 K  
Total \$ 1,183.5K

Other

FY63 \$ 778.3K  
FY62 325 K

BYE-057545-99

5430 \$ 600 K

Mac

Bind

\$ 1,767 K

Other

\$ 873.6K

5430

~~223~~  
237.6K

Remaining

\$ 3,494.5K

Spent To date 7/40

\$ 2,866.6K

x2

\$ 5,773.2K

~~TOP SECRET~~

HANDLING  
BYEMAN-TAL  
CONTROL SYSTEMS GROUP

| DATE      | 120 |   |   |   |   | 7101B (121) |   |   |   |   | REMARKS |   |   |   |   |   |   |   |   |   |   |   |   |  |
|-----------|-----|---|---|---|---|-------------|---|---|---|---|---------|---|---|---|---|---|---|---|---|---|---|---|---|--|
|           | A   | B | C | D | E | 1           | 2 | 3 | 4 | A |         | B | C | D | E | 1 | 2 | 3 | 4 | A | B | C | D | E  |
| 29 DEC 62 | L99 |   |   |   |   |             |   |   |   |   |         |   |   |   |   |   |   |   |   |   |   |   |   |  |
|           | 201 |   |   |   |   |             |   |   |   |   |         |   |   |   |   |   |   |   |   |   |   |   |   |  |
|           | 203 |   |   |   |   |             |   |   |   |   |         |   |   |   |   |   |   |   |   |   |   |   |   |  |
| 30 DEC 62 | 212 |   |   |   |   |             |   |   |   |   |         |   |   |   |   |   |   |   |   |   |   |   |   | FIRST USE OF TWO CHANNEL CARRI RECORDER  |
|           | 213 |   |   |   |   |             |   |   |   |   |         |   |   |   |   |   |   |   |   |   |   |   |   |  |
|           | 214 |   |   |   |   |             |   |   |   |   |         |   |   |   |   |   |   |   |   |   |   |   |   |  |
|           | 215 |   |   |   |   |             |   |   |   |   |         |   |   |   |   |   |   |   |   |   |   |   |   | ONLY A FEW SECONDS INTERC  |
| 31 DEC 62 | 224 |   |   |   |   |             |   |   |   |   |         |   |   |   |   |   |   |   |   |   |   |   |   |  |
|           | 225 |   |   |   |   |             |   |   |   |   |         |   |   |   |   |   |   |   |   |   |   |   |   |  |
|           | 226 |   |   |   |   |             |   |   |   |   |         |   |   |   |   |   |   |   |   |   |   |   |   |  |
|           | 227 |   |   |   |   |             |   |   |   |   |         |   |   |   |   |   |   |   |   |   |   |   |   |  |
| 01 JAN 63 | 236 |   |   |   |   |             |   |   |   |   |         |   |   |   |   |   |   |   |   |   |   |   |   |  |
|           | 237 |   |   |   |   |             |   |   |   |   |         |   |   |   |   |   |   |   |   |   |   |   |   |  |
|           | 238 |   |   |   |   |             |   |   |   |   |         |   |   |   |   |   |   |   |   |   |   |   |   |  |
|           | 240 |   |   |   |   |             |   |   |   |   |         |   |   |   |   |   |   |   |   |   |   |   |   |  |
| 02 JAN 63 | 249 |   |   |   |   |             |   |   |   |   |         |   |   |   |   |   |   |   |   |   |   |   |   |  |
|           | 250 |   |   |   |   |             |   |   |   |   |         |   |   |   |   |   |   |   |   |   |   |   |   |  |
|           | 251 |   |   |   |   |             |   |   |   |   |         |   |   |   |   |   |   |   |   |   |   |   |   |  |
|           | 252 |   |   |   |   |             |   |   |   |   |         |   |   |   |   |   |   |   |   |   |   |   |   |  |
| 03 JAN 63 | 261 |   |   |   |   |             |   |   |   |   |         |   |   |   |   |   |   |   |   |   |   |   |   |  |
|           | 262 |   |   |   |   |             |   |   |   |   |         |   |   |   |   |   |   |   |   |   |   |   |   |  |
|           | 263 |   |   |   |   |             |   |   |   |   |         |   |   |   |   |   |   |   |   |   |   |   |   |  |
|           | 264 |   |   |   |   |             |   |   |   |   |         |   |   |   |   |   |   |   |   |   |   |   |   |  |
| 04 JAN 63 | 273 |   |   |   |   |             |   |   |   |   |         |   |   |   |   |   |   |   |   |   |   |   |   |  |
|           | 274 |   |   |   |   |             |   |   |   |   |         |   |   |   |   |   |   |   |   |   |   |   |   |  |
|           | 275 |   |   |   |   |             |   |   |   |   |         |   |   |   |   |   |   |   |   |   |   |   |   | OIA CHANGED AFTER ACTIVATION DEACTIVATED AND REACTIVATED   |
|           | 277 |   |   |   |   |             |   |   |   |   |         |   |   |   |   |   |   |   |   |   |   |   |   |  |
| 05 JAN 63 | 286 |   |   |   |   |             |   |   |   |   |         |   |   |   |   |   |   |   |   |   |   |   |   | OIA IMMEDIATELY SHUT OFF WHEN REACTIVATED  |
|           | 287 |   |   |   |   |             |   |   |   |   |         |   |   |   |   |   |   |   |   |   |   |   |   |  |
|           | 288 |   |   |   |   |             |   |   |   |   |         |   |   |   |   |   |   |   |   |   |   |   |   |  |
|           | 289 |   |   |   |   |             |   |   |   |   |         |   |   |   |   |   |   |   |   |   |   |   |   |  |
| 06 JAN 63 | 298 |   |   |   |   |             |   |   |   |   |         |   |   |   |   |   |   |   |   |   |   |   |   |  |
|           | 299 |   |   |   |   |             |   |   |   |   |         |   |   |   |   |   |   |   |   |   |   |   |   |  |
|           | 300 |   |   |   |   |             |   |   |   |   |         |   |   |   |   |   |   |   |   |   |   |   |   |  |
|           | 301 |   |   |   |   |             |   |   |   |   |         |   |   |   |   |   |   |   |   |   |   |   |   |  |
| 07 JAN 63 | 310 |   |   |   |   |             |   |   |   |   |         |   |   |   |   |   |   |   |   |   |   |   |   |  |
|           | 311 |   |   |   |   |             |   |   |   |   |         |   |   |   |   |   |   |   |   |   |   |   |   |  |
|           | 312 |   |   |   |   |             |   |   |   |   |         |   |   |   |   |   |   |   |   |   |   |   |   |  |
|           | 313 |   |   |   |   |             |   |   |   |   |         |   |   |   |   |   |   |   |   |   |   |   |   |  |
| 08 JAN 63 | 324 |   |   |   |   |             |   |   |   |   |         |   |   |   |   |   |   |   |   |   |   |   |   |  |
|           | 325 |   |   |   |   |             |   |   |   |   |         |   |   |   |   |   |   |   |   |   |   |   |   |  |
|           | 326 |   |   |   |   |             |   |   |   |   |         |   |   |   |   |   |   |   |   |   |   |   |   |  |
|           | 327 |   |   |   |   |             |   |   |   |   |         |   |   |   |   |   |   |   |   |   |   |   |   | OIA CHANGED AFTER ACTIVATION DEACTIVATED REACTIVATED AND SHUT OFF. THERE AFTER MORSE CODE NOTED. |
| 09 JAN 63 | 336 |   |   |   |   |             |   |   |   |   |         |   |   |   |   |   |   |   |   |   |   |   |   |  |
|           | 337 |   |   |   |   |             |   |   |   |   |         |   |   |   |   |   |   |   |   |   |   |   |   |  |
|           | 338 |   |   |   |   |             |   |   |   |   |         |   |   |   |   |   |   |   |   |   |   |   |   |  |
|           | 339 |   |   |   |   |             |   |   |   |   |         |   |   |   |   |   |   |   |   |   |   |   |   |  |

LEGEND - POSITIVE  NEGATIVE  UNCERTAIN

