

## 1966 BETHPAGE MILESTONES

| <u>NAME</u>                                                         | <u>CONTRACT<br/>DATE</u> | <u>ACTUAL</u> |
|---------------------------------------------------------------------|--------------------------|---------------|
| • IES BETHPAGE TESTING COMPLETED                                    |                          | 12/22         |
| • TM-2A/R A/S REFURBISHED FOR LTA-5D PROP. TESTS<br>SHIPPED TO WSTF | 11/30                    | 12/15         |
| • LTA-1 COMPLETED FEAT ON FIRST TRY                                 | ---                      | 11/30         |
| • INTERIM COMPONENT QUAL TESTING (90% COMPLETE)                     | 11/15                    | 11/15         |
| • IES FIRST MANNED SIMULATION TESTING COMPLETED                     | ---                      | 11/8          |
| • M-5 SHIPPED TO MSC FOR DISPLAY                                    | ---                      | 11/7          |
| • LTA-5D SHIPPED TO WSTF                                            | 10/1                     | 10/21         |
| • LMS-1 SHIPPED TO MSC                                              | 11/1                     | 10/14         |
| • LTA-3 COMPLETED IN-HOUSE VIBRATION TESTING                        | ---                      | 10/4          |
| • TM-6 A/S RR TEST MODEL SHIPPED TO MSC                             | 9/1                      | 9/6           |
| • LTA-10R REFURBISHED FOR FLIGHT - SHIPPED TO KSC                   | 9/15                     | 9/15          |

FIGURE 9

## 1966 BETHPAGE MILESTONES (Contd)

| <u>NAME</u>                                                                              | <u>CONTRACT<br/>DATE</u> | <u>ACTUAL</u> |
|------------------------------------------------------------------------------------------|--------------------------|---------------|
| • M-3 (FVV) REFURBISHED FOR FACILITY VERIFICATION<br>SHIPPED TO KSC                      | 7/30                     | 8/12          |
| • LTA-3D TRANSFER TO TEST                                                                | 8/19                     | 8/25          |
| • TM-8 LANDING RADAR TEST MODEL SHIPPED TO MSC                                           | 7/1                      | 8/10          |
| • LTA-3A TRANSFER TO TEST                                                                | 7/15                     | 7/24          |
| • LTA-1 HOUSE S/C NO. 1 COMPLETION OF SUBSYSTEM INSTL<br>& READY FOR INTEGRATED TESTING. | 5/27                     | 6/15          |
| • ES1 OCP's COMPLETED - 31; 4 IN WORK, 4 NOT STARTED                                     |                          |               |
| • TM-7 ASCENT STAGE RENDEZVOUS RADAR TEST MODEL<br>SHIPPED TO MSC                        | 4/1                      | 5/6           |
| • TM-4 ASCENT/DESCENT STAGE INTERFACE COMPLETED                                          | ---                      | 4/27          |
| • TM-2A START THERMAL VACUUM TESTING                                                     | 12/30/65                 | 3/3/66        |
| • TM-2D COMPLETED FIRST THERMAL VACUUM RUNS                                              | ---                      | 2/2           |
| • INCENTIVE CONTRACT SIGNED                                                              | ---                      | 1/14          |

FIGURE 10

the ground support equipment and developing the techniques for running these operational checkout procedures.

In late November we succeeded in carrying out the final engineering acceptance test sequence on the LTA-1, the house spacecraft, on the first try.

Another thing which looms large in our mind from the past year, has to do with the LTA-3, a structural test vehicle. This is the next