**VOYAGER 7 FLIGHT CONTROL**

1. Pre-launch.

* Attach S-IC component 140
* Tank S-IC component 120
* Attach S-II component 240
* Tank S-II component 220
* Attach S-IVB component 340
* Tank S-IVB component 320
* Engage Main Engine 000
* Engage Ascending Propulsion System 400

1. Ignition sequence start.
2. Liftoff:

* Thrust set to „FULL” 580

1. S-IC center engine cutoff:

* Action to be performed at 135. second (T+000:02:15) 160

1. S-IC outboard cutoff.

* Action to be performed at 161. second (T+000:02:41) 150

1. S-II center engine cutoff:

* Action to be performed at 461. second (T+000:07:41) 260

1. S-II thrust correction:

* Thrust set to 60% 51120
* Action to be performed at 501. second (T+000:08:21)

1. S-II outboard engine cutoff:

* Action to be performed at 548. second (T+000:09:08) 250

1. S-IVB 1st burn cutoff: 590, 410, 010

* Action to be performed at vel. 7792 m/s (T+000:11:39)

1. Earth Parking Orbit insertion (~000:11:49).

**CENTER ENGINE CUTOFF**

To perform center engine cutoff (S-IC, S-II) thrust must be set to 80%.

**OUTBOARD CUTOFF**

* Thrust set to „NULL”
* Disengage Ascending Propulsion System
* Detach component (S-IC, S-II) by pressing „DETACH” button in the control panel
* Engage Ascending Propulsion System
* Thrust set to „FULL”