

H-IIB Launch Vehicle No.4 (H-IIB F4)

Launch Sequence (Quick Review)

Event	Actual value (Quick review)*1	Scheduled value*2 (Predicted value based on actual measurement data)
1. Liftoff	0 second	0 second
2. Solid rocket booster (SRB-A) burnout *3	1 min. 50sec.	1 min. 54 sec.
3. Solid rocket booster (SRB-A) 1st pair jettison *4	2 min. 6 sec.	2 min. 4 sec.
4. Solid rocket booster (SRB-A) 2nd pair jettison *4	2 min. 9 sec.	2 min. 7 sec.
5. Payload fairing jettison	3 min. 40 sec.	3 min. 40 sec.
6. Main engine cutoff (MECO)	5 min. 46 sec.	5 min. 46 sec.
7. 1st and 2nd stages separation	5 min. 54 sec.	5 min. 54 sec.
8. Second stage engine lock in (SELI)	6 min. 4 sec.	6 min. 4 sec.
9. Second stage engine cutoff (SECO)	14 min. 8 sec.	14 min. 7 sec.
10. HTV4 separation*5	14 min. 59 sec.	14 min. 57 sec.

(*1) The values are based on quick report results without detailed data evaluation.

(*2) The values are updated ones based on actual measurement data such as thrust characteristics which are unique for the H-IIB F4 engines. Therefore, they are slightly different from the values in the Launch Plan.

(*3) When the combustion chamber presser becomes 10% against the largest combustion pressure.

(*4) The definition of SRB-A jettison is to cut the thrust struts.

(*5) When the launch vehicle sent the separation signal