

H-IIA Launch Vehicle No.31 Flight Sequence (Quick Estimation)

Event	Actual value (Quick review)*1
1. Liftoff	0 min. 0 sec.
2. SRB-A burnout *2	1 min. 33 sec.
3. SRB-A jettison *3	1 min. 47 sec.
4. Payload fairing jettison	3 min. 57 sec.
5. First stage main engine cutoff (MECO)	6 min. 29 sec.
6. 1st and 2nd stages separation	6 min. 37 sec.
7. Second stage engine lock-in (SELI1)	6 min. 47 sec.
8. Second stage engine cutoff (SECO1)	11 min. 57 sec.
9. Second stage engine lock-in (SELI2)	23 min. 44 sec.
10. Second stage engine cutoff (SECO2)	27 min. 0 sec.
11. Himawari-9 separation	27 min. 51 sec.

*1 Quick estimation value prior to the detailed estimation

*2 When the combustion chamber pressure becomes 10% against the largest combustion pressure.

*3 The definition of SRB-A jettison is the separation of the rear brace.