

H-IIA Launch Vehicle No.30 Flight Sequence (Quick Estimation)

Event	Actual value (Quick review)*
1. Liftoff	0 min. 0 sec.
2. SRB-A burnout *2	1 min. 32 sec.
3. SRB-A jettison *3	1 min. 46 sec.
4. Payload fairing jettison	4 min. 14 sec.
5. First stage main engine cutoff (MECO)	6 min. 36 sec.
6. 1st and 2nd stages separation	6 min. 45 sec.
7. Second stage engine lock-in (SELI)	6 min. 54 sec.
8. Second stage engine cutoff (SECO)	13 min. 24 sec.
9. ASTRO-H separation	14 min. 15 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.