

The Saturn 5 Audio Archive - Apollo 11 Launch

Sounds of the LC-39 Press Site - July 16th, 1969

Track Marker Chronology - Standard Edition CD

Pre-launch announcements are those of Jack King, NASA-PAO-KSC.

1. T-3 hours 4 minutes - Crew Departs MSOB.
2. T-2 hours 45 minutes - Problem in valve in GSE, LH2 replenishment in SIV-B.
3. T-2 hours 23 minutes - Crew Ingress in progress. Technicians work on valve.
4. T-2 hours 21 minutes - Crew Ingress Complete.
5. T-2 hours 55 seconds - Hatch Closed, Cabin Purge.
6. T-1 hour 50 minutes - EDS tests. Valve bypassed for LH2 replenishment.
7. T-1 hour 41 minutes - EDS tests, continue.
8. T-1 hour 31 minutes - Closeout crew places boost protective cover.
9. T-1 hour 21 minutes - Alignment checks on platform.
10. T-1 hour 12 minutes - Crew in white room finish procedures.
11. T-1 hour 7 minutes - 8:26 am time synch. Announcement of observer estimation count. Traffic Jams etc.
12. T-61 minutes - SPS system checks complete (gimbals, etc.)
13. T-56 minutes - System checks ahead of schedule.
14. T-51 minutes - Swing arm retracts, pyrotechnics activated.
15. T-46 minutes - RCS pressurization and preparation.
16. T-41 minutes - Final checks of Launch Destruct System
17. T-36 minutes - Range Safety checks complete. Mission Control Status Report.
18. T-31 minutes - Batteries in IU checked in prep for internal power transfer.
19. T-26 minutes - Final pressurization of SPS system with He.
20. T-16 minutes - General Announcements
21. T-11 minutes - Spacecraft on full internal power.
22. T-6 minutes - Completion of status checks. Paul Donnelly gives Go for launch, Roco Petrone gives a Go for launch. Swing arm fully retracts.

After the "Tower-Cleared" announcement, Jack Riley, NASA-PAO-MCC takes over the announcements, along with Bruce McCandless, CAPCOM. In addition to the astronauts, there are unidentified flight controllers in the KSC loop. Air to ground audio is via unified S-band, until acquisition by USNS T-AGM-19 Vanguard (positioned at 25° N Latitude, 50° W Longitude) at which the audio switches to VHF

23. T-15 seconds - Guidance internal through SI-C engine cutoff.
24. T+3 minutes - Staging, SII ignition, skirt separation, escape tower gone.
25. T+9 minutes - Ignition of SIV-B
26. T+12 minutes - SIV-B Shutdown - Orbital Insertion thru LOS Canary.