



1
00:00:00,310 --> 00:00:01,310
Music

2
00:00:05,990 --> 00:00:06,313
A two-stage Delta II rocket is set to carry the NOAA-N Prime spacecraft into orbit,

3
00:00:11,200 --> 00:00:17,066
lifting off from Space Launch Complex 2 West at Vandenberg Air Force Base in California.

4
00:00:17,290 --> 00:00:24,756
Built by Lockheed Martin Space Systems Company, NOAA-N Prime is the latest polar-orbiting satellite developed

5
00:00:24,830 --> 00:00:32,030
NASA for the National Oceanic and Atmospheric Administration -- and the final satellite in the TIROS series.

6
00:00:33,040 --> 00:00:38,373
The spacecraft arrived at Vandenberg on November 4 aboard a C-5 aircraft and was

7
00:00:39,080 --> 00:00:42,480
taken to the Astrotech payload processing facility.

8
00:00:43,430 --> 00:00:44,666
The satellite was powered on by Lockheed Martin technicians who conducted electrical,

9
00:00:47,860 --> 00:00:51,726
communications system, and solar array illumination tests.

10
00:00:53,950 --> 00:00:54,233
The Delta II arrived at Vandenberg Air Force Base in November,

11
00:00:57,800 --> 00:01:03,000
and in early December, stacking of the rocket began at Space Launch Complex 2.

12
00:01:03,940 --> 00:01:04,470
The first stage was installed into the launcher and the three solid rocket boosters were attached around the base

13
00:01:11,010 --> 00:01:15,410

The second stage was then hoisted atop the first while the payload

14

00:01:15,490 --> 00:01:20,290

fairing was installed in the clean room within the mobile service tower.

15

00:01:20,890 --> 00:01:27,090

Technicians at the launch pad conducted mechanical, electrical and avionics system checkouts.

16

00:01:28,380 --> 00:01:34,380

In the early morning hours of January 15, the spacecraft was transported to the launch pad

17

00:01:35,680 --> 00:01:36,780

where it was installed atop the rocket's second stage, and spacecraft state-of-health checks were completed.

18

00:01:41,780 --> 00:01:42,160

In late January, the second stage was loaded with hypergolic propellants after

19

00:01:46,600 --> 00:01:50,533

the protective fairing was installed around the spacecraft.