



1  
00:00:12,440 --> 00:00:16,039

Here's your chance to get a glimpse of space launch history.

2  
00:00:16,039 --> 00:00:21,220

You're looking at a Delta II rocket getting ready for launch at Vandenberg Air Force Base

3  
00:00:21,220 --> 00:00:23,039  
in California.

4  
00:00:23,039 --> 00:00:30,060  
This is the second to last launch of a Delta II and the first time it was captured in 360

5  
00:00:30,060 --> 00:00:32,169  
video.

6  
00:00:32,169 --> 00:00:36,309  
Teams from Kennedy Space Center's Launch Services Program know this rocket all too

7  
00:00:36,309 --> 00:00:37,440  
well.

8  
00:00:37,440 --> 00:00:42,350  
The Delta II – or workhorse of NASA as they call it – has been the backbone of NASA's

9  
00:00:42,350 --> 00:00:48,739  
science missions for the last three decades, launching over 50 agency spacecraft during

10  
00:00:48,739 --> 00:00:49,860  
its lifetime.

11  
00:00:49,860 --> 00:00:56,359  
Today, NASA's Launch Services Program is launching JPSS-1, the first satellite in the

12  
00:00:56,359 --> 00:01:01,870  
Joint Polar Satellite System – a collaborative  
critical weather observation program between

13  
00:01:01,870 --> 00:01:04,780  
NOAA and NASA.

14  
00:01:04,780 --> 00:01:11,290  
When in orbit, JPSS-1 will cross the equator  
14 times a day, bringing us faster updates

15  
00:01:11,290 --> 00:01:15,090  
and quicker evacuation warnings for extreme  
weather.

16  
00:01:15,090 --> 00:01:21,300  
This particular variant of the Delta II has  
a first and second stage and nine ... count

17  
00:01:21,300 --> 00:01:26,850  
'em ... nine solid rocket motors for an  
additional punch at liftoff to get its

18  
00:01:26,850 --> 00:01:30,900  
payload into polar orbit around the Earth.

19  
00:01:30,900 --> 00:01:37,360  
(Range status)  
We join the countdown at T-15 seconds.

20  
00:01:37,600 --> 00:01:46,500  
(Range status continued)

21  
00:01:46,720 --> 00:01:51,220  
Delta II and JPSS-1 are now fully fueled and ready for liftoff.

22  
00:01:51,220 --> 00:01:54,750  
Better buckle up ... It's going to get bumpy

around here...

23

00:01:54,750 --> 00:01:57,080

Go Delta, Go JPSS-1

24

00:01:57,300 --> 00:02:02,960

(5, 4, 3, 2, 1, Liftoff)

25

00:02:16,180 --> 00:02:28,560

(T-5, 4, 3, 2, Engine Start, 1, and liftoff  
of Delta II and NOAA's Joint Polar Satellite