



1

00:00:01,000 --> 00:00:06,200

JESSICA RYE: T-minus 10, nine, eight, seven, six, five, four, three, two, one.

2

00:00:12,000 --> 00:00:20,533

We have ignition and liftoff of the Delta II rocket, carrying THEMIS, NASA's revolutionary journey to study the M

3

00:00:26,000 --> 00:00:32,133

Everything continues to look good with the Delta II rocket with the THEMIS payload on board.

4

00:00:37,000 --> 00:00:44,266

Nine solid rocket strap-on boosters are burning fine and the spacecraft is on its way to its intended target.

5

00:00:54,000 --> 00:01:01,200

VOICE: All solid motors have reached their peak chamber pressure and now beginning to taper off as expected

6

00:01:02,000 --> 00:01:09,533

T+48 seconds, we've passed "max Q." All solid motors burning symmetrically, now starting their burnout phase

7

00:01:18,000 --> 00:01:26,600

All solid, all six ground starts are burned out, and we have ignited the air starts and jettisoned the ground start

8

00:01:34,000 --> 00:01:41,800

Vehicle transients at solid motor jettison are nominal. Three air start motors picking up, all burning symmetrical

9

00:01:42,000 --> 00:01:45,666

They've reached their peak chamber pressure, excuse me.

10

00:01:49,000 --> 00:01:55,933

Vehicle now at an altitude of 16 miles, downrange distance 36 miles and velocity of 3,400 miles an hour.

11

00:01:57,000 --> 00:02:00,066

Main engine and burners continue to burn well.