



1

00:00:01,010 --> 00:00:04,040

\h GEORGE DILLER: Thirteen, twelve, green status board.

2

00:00:04,040 --> 00:00:12,670

\h Ten, nine, eight, seven, six, five, four, three, two, main engine start, one,

3

00:00:12,670 --> 00:00:19,160

\h zero and liftoff of the Delta II rocket with Dawn, using ion propulsion

4

00:00:19,160 --> 00:00:36,740

\h to reach the catalysts of our solar system.

5

00:00:36,740 --> 00:00:38,410

\h MARK LAVIGNE: Coming up on T+25 seconds.

6

00:00:38,410 --> 00:00:45,390

\h The vehicle has worked its way nicely at the transience of liftoff.

7

00:00:45,390 --> 00:00:51,100

\h Coming up on Machs – correction,
Mach 1. We've exceeded the speed of sound,

8

00:00:51,100 --> 00:01:00,310

\h and coming up on Max Q. The vehicle is now three miles altitude,

9

00:01:00,310 --> 00:01:02,100

\h downrange distance 12 miles,

10

00:01:02,100 --> 00:01:06,360

\h with a velocity of over 1,600 miles per hour.

11

00:01:06,360 --> 00:01:09,390

\h DILLER: Listening to telemetry manager Mark Lavigne.

12

00:01:09,390 --> 00:01:22,170

\h LAVIGNE: Both verniers and the main engine chamber pressure still looking good.

13

00:01:22,170 --> 00:01:29,930

\h Reaching solid motor burnout, the first six motors.