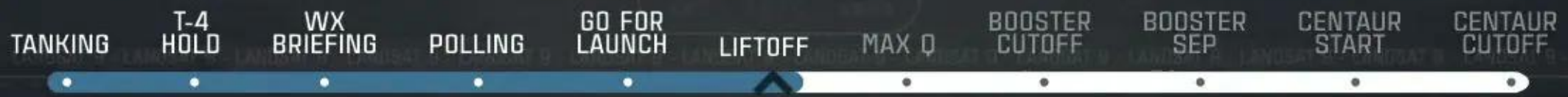


L +00:00:15



1
00:00:19,990 --> 00:00:17,189
and liftoff

2
00:00:22,710 --> 00:00:20,000
liftoff of an atlas 5 rocket and landsat

3
00:00:25,670 --> 00:00:22,720
9 continuing the legacy of an

4
00:00:32,630 --> 00:00:25,680
irreplaceable 50-year record on our

5
00:00:36,870 --> 00:00:35,270
the control system response looks good

6
00:00:41,670 --> 00:00:36,880
rd180 engine operating parameters

7
00:00:46,470 --> 00:00:43,190
vehicle has begun the

8
00:00:48,229 --> 00:00:46,480
pitch over maneuver body rates look good

9
00:00:49,350 --> 00:00:48,239
that pitch over maneuver heading it to

10
00:00:51,110 --> 00:00:49,360
the south

11
00:00:52,150 --> 00:00:51,120
towards southern california and down to

12
00:00:54,229 --> 00:00:52,160
mexico

13
00:00:55,990 --> 00:00:54,239

now passing 40 seconds into flight

14

00:00:57,830 --> 00:00:56,000

engine operating parameters continue to

15

00:01:03,510 --> 00:00:57,840

look good pump speeds and injector

16

00:01:07,590 --> 00:01:05,590

there's a shot from our tracker cam

17

00:01:09,750 --> 00:01:07,600

above the marine layer

18

00:01:11,270 --> 00:01:09,760

now 55 seconds into flight vehicles now

19

00:01:15,670 --> 00:01:11,280

completing the pitch over maneuver body

20

00:01:18,710 --> 00:01:16,870

three minutes remaining in the boost

21

00:01:20,149 --> 00:01:18,720

phase of flight