



1  
00:00:00,000 --> 00:00:13,000  
Silence.

2  
00:00:13,000 --> 00:00:16,000  
Crowd noises.

3  
00:00:16,000 --> 00:00:19,000  
Mission Control: Pressures have been reenabled. We will control our attitude on chute.

4  
00:00:19,000 --> 00:00:24,000  
We are decelerating. [Background voice: Ahh!] Wrist mode dynamics...[Unintelligible] and descending.

5  
00:00:24,000 --> 00:00:33,000  
We are at 150 meters per second. Dynamics phase, come back again with wrist mode dynamics.

6  
00:00:33,000 --> 00:00:38,000  
Wrist mode is nominal. We're at 9 kilometers and descending.

7  
00:00:38,000 --> 00:00:39,000  
Down range.

8  
00:00:39,000 --> 00:00:43,000  
[Unintelligible] ...confirms we have a velocity correction of .7 meters a second! [Cheers.]

9  
00:00:43,000 --> 00:00:45,000  
We've acquired the ground with the radar.

10  
00:00:45,000 --> 00:00:48,000  
Now [untelligible ] kilometers.

11  
00:00:48,000 --> 00:00:50,000  
Heat shield has separated. We have found the ground.

12  
00:00:50,000 --> 00:00:54,000  
Voice: ...X-band tones due to Earth occultation as expected.

13  
00:00:54,000 --> 00:00:59,000

We're [unintelligible] in preparation for powered flight.

14

00:00:59,000 --> 00:01:09,000

We're down to 90 meters per second at an altitude of 6.5 kilometers and descending.

15

00:01:09,000 --> 00:01:14,000

Flight EDL, we've got some [unintelligible] warnings.

16

00:01:14,000 --> 00:01:17,000

[Unintelligible]

17

00:01:17,000 --> 00:01:24,000

...direct to Earth communications at this time. We may have lost it already.

18

00:01:24,000 --> 00:01:31,000

We're down to 86 meters per second at an altitude of 4 kilometers and descending.

19

00:01:31,000 --> 00:01:35,000

We have lost acqu... We have lost tones from Earth at this time. This is expected.

20

00:01:35,000 --> 00:01:40,000

Ah, we are continuing on Odyssey telemetry.

21

00:01:40,000 --> 00:01:47,000

Ground solution equals minus 10.8 meters. Vertical velocity of minus 81.8 meters per second.

22

00:01:47,000 --> 00:01:51,000

Standing by for back shell separation.

23

00:01:51,000 --> 00:01:58,000

Signal to Odyssey is still strong.

24

00:01:58,000 --> 00:02:05,000

We are in powered flight. [Cheers.]

25

00:02:05,000 --> 00:02:10,000

We're at an altitude of 1 kilometer and descending. About 70 meters per second.

26

00:02:10,000 --> 00:02:13,000

Down to 50 meters per second.

27

00:02:13,000 --> 00:02:19,000

500 meters in altitude.

28

00:02:19,000 --> 00:02:22,000

Standing by for sky crane.

29

00:02:22,000 --> 00:02:28,000

Constant velocity accordian (?): nominal. Altitude error: 5.9 meters.

30

00:02:28,000 --> 00:02:34,000

We've found a nice, flat place. We're coming in ready for sky crane.

31

00:02:34,000 --> 00:02:41,000

Down to 10 meters per second. 40 meters altitude.

32

00:02:41,000 --> 00:02:44,000

Sky crane has started. [Cheers.]

33

00:02:44,000 --> 00:02:48,000

Descending at about .75 meters per second, as expected.

34

00:02:48,000 --> 00:02:51,000

Expecting bridle cut shortly.

35

00:02:51,000 --> 00:02:55,000

[Unintelligible] remains strong.

36

00:02:55,000 --> 00:03:03,000

Tango delta nominal!

37

00:03:03,000 --> 00:03:06,000

[Unintelligible] ...telemetry.

38

00:03:06,000 --> 00:03:11,000

[Unintelligible] ...stable.