



1
00:00:01,601 --> 00:00:03,603
- [Female Radio Voice] Standing
by for parachute deploy.

2
00:00:21,955 --> 00:00:23,423
- [Male Radio Voice]
Radio signs reports

3
00:00:23,423 --> 00:00:24,924
sudden change in doppler.

4
00:00:26,693 --> 00:00:28,228
- [Female Radio Voice] Ramp
stations are moving signals

5
00:00:28,228 --> 00:00:30,530
consistent with
parachute deploy.

6
00:00:30,530 --> 00:00:31,931
[all clapping]

7
00:00:31,931 --> 00:00:33,133
- [Male Radio Voice]
Michael Alpha Michael Bravo

8
00:00:33,133 --> 00:00:34,367
maintain lock status.

9
00:00:37,771 --> 00:00:40,073
- [Female Radio Voice] Telemetry
shows parachute deployment,

10
00:00:40,073 --> 00:00:42,008
radar powered on.

11
00:00:42,008 --> 00:00:44,577
[all clapping]

12

00:00:46,579 --> 00:00:48,548

Heat shield
separation commanded.

13

00:00:59,859 --> 00:01:01,761

- [Male Commentator] This
is really good news so far.

14

00:01:01,761 --> 00:01:03,063

- [Female Commentator]
It's fantastic.

15

00:01:03,063 --> 00:01:06,399

- [Male Commentator] Ah,
I'm on pins and needles.

16

00:01:11,071 --> 00:01:12,672

- [Female Radio Voice]
We have radar activation

17

00:01:12,672 --> 00:01:15,308

where the radar is beginning
to search for the ground.

18

00:01:15,308 --> 00:01:16,810

Once the radar
locks on the ground

19

00:01:16,810 --> 00:01:19,979

and inside is about one
kilometer above the surface

20

00:01:19,979 --> 00:01:22,015

the lander will separate
from the Backshell

21

00:01:22,015 --> 00:01:25,919

and begin terminal descent
using its 12 descent engines.

22

00:01:28,421 --> 00:01:31,858

[Male commentator sighs]

23

00:01:52,912 --> 00:01:55,548

Altitude convergence, the
radar has locked on the ground.

24

00:01:55,548 --> 00:01:57,117

[all clapping]

- [Male Commentator] Yes.

25

00:02:01,087 --> 00:02:02,789

- [Female Radio Voice] Standing
by for lander separation.

26

00:02:02,789 --> 00:02:04,157

- [Male Radio Voice]

Carrier interruption on

27

00:02:04,157 --> 00:02:05,692

Michael Alpha and Michael Bravo.

28

00:02:09,996 --> 00:02:11,498

- [Female Radio Voice]

Lander separation commanded,

29

00:02:11,498 --> 00:02:13,566

altitude 600 meters.

30

00:02:14,801 --> 00:02:17,704

Gravity turn,
altitude 400 meters.

31

00:02:19,739 --> 00:02:21,007

300 meters.

32

00:02:24,777 --> 00:02:25,912

200 meters.

33

00:02:27,981 --> 00:02:28,982

80 meters.

34

00:02:30,216 --> 00:02:31,351

60 meters.

35

00:02:33,119 --> 00:02:35,822

50 meters, constant velocity.

36

00:02:35,822 --> 00:02:37,157

37 meters.

37

00:02:38,124 --> 00:02:39,893

30 meters.

38

00:02:39,893 --> 00:02:40,894

20 meters.

39

00:02:42,061 --> 00:02:44,264

17 meters, standing

by for touch down.

40

00:02:58,444 --> 00:03:00,013

Touch down confirmed.

41

00:03:00,013 --> 00:03:03,583

[all emphatically cheering]

42

00:03:26,439 --> 00:03:28,208

- [Male Commentator]

This never gets old.