



1
00:00:00,000 --> 00:00:01,000

\h

2
00:00:02,600 --> 00:00:04,109

Brandi Dean/Landing Commentator: One minute now until touchdown.

3
00:00:04,110 --> 00:00:09,710

Discovery's landing gear will be locked down and into place at 300 feet in altitude.

4
00:00:15,970 --> 00:00:22,170

It's currently 3,500 feet and traveling at a rate of 370 mph. Thirty seconds until touchdown.

5
00:00:51,420 --> 00:00:55,753

Main gear, landing gear now down and locked. Main gear touchdown.

6
00:01:05,620 --> 00:01:10,086

Pilot Jim Dutton now deploying the drag chute. Nose gear touchdown.

7
00:01:18,800 --> 00:01:27,000

That brings an end to the STS-131 mission, the 131st space shuttle flight, and the 33rd to the International Space Station.

8
00:01:31,730 --> 00:01:32,133

Discovery left Florida on April 5 with 7.6 tons of new science equipment and spare parts,

9
00:01:37,260 --> 00:01:38,323

including equipment that should improve the station's capability for Earth-observation work,

10
00:01:42,330 --> 00:01:44,266

equipment that could help astronauts avoid muscle atrophy and scientists better understand muscle atrophy,

11
00:01:47,460 --> 00:01:52,326

and equipment that will help keep the station's systems cooling properly.

12
00:01:54,290 --> 00:01:55,106

Discovery brings home with it the last large return load from the station, 2 tons of used equipment.

13

00:02:00,140 --> 00:02:01,436

Rick Sturckow/Capcom: Roger, wheelstop,
Discovery. Welcome home. Dex,

14

00:02:03,510 --> 00:02:07,643

congratulations to you and the crew on an outstanding mission.

15

00:02:07,750 --> 00:02:14,016

There are no immediate post-landing deltas. We'll meet you on Page 5-3 of the Entry
Checklist.

16

00:02:15,140 --> 00:02:18,486

Alan Poindexter/STS-131 Commander: Houston, Discovery. Thanks for those... It was a great mission. We er

17

00:02:19,460 --> 00:02:19,503

We enjoyed working with you and all the teams in mission control.