



1
00:00:01,040 --> 00:00:05,990
and alanis we see good video

2
00:00:09,990 --> 00:00:08,150
this is mission control houston

3
00:00:12,549 --> 00:00:10,000
we are now getting our first look of the

4
00:00:14,310 --> 00:00:12,559
external tank

5
00:00:15,990 --> 00:00:14,320
as it drifted away from space shuttle

6
00:00:18,710 --> 00:00:16,000
atlantis soon after the shuttle reached

7
00:00:20,630 --> 00:00:18,720
orbit after its eight and a half minute

8
00:00:23,269 --> 00:00:20,640
ride into space earlier today today's

9
00:00:25,990 --> 00:00:23,279
liftoff was at 1 20 p.m central time 2

10
00:00:27,670 --> 00:00:26,000
20 pm eastern time

11
00:00:29,990 --> 00:00:27,680
as is typical with all space shuttle

12
00:00:31,349 --> 00:00:30,000
missions the crew rapidly gets out their

13
00:00:34,470 --> 00:00:31,359

handheld camera

14

00:00:36,229 --> 00:00:34,480
and takes some still and motion video of

15

00:00:38,389 --> 00:00:36,239
the external tank as it drifts away from

16

00:00:40,549 --> 00:00:38,399
the shuttle

17

00:00:42,310 --> 00:00:40,559
this gives the ground teams an idea of

18

00:00:44,470 --> 00:00:42,320
exactly how the foam on the external

19

00:00:50,389 --> 00:00:44,480
tank fared to make sure that all of it

20

00:00:50,399 --> 00:00:54,869
you can see some

21

00:00:59,349 --> 00:00:56,389
some of the cryogenics from inside that

22

00:01:04,229 --> 00:00:59,359
tank still venting as the tank separated

23

00:01:08,310 --> 00:01:06,469
that tank also has

24

00:01:10,710 --> 00:01:08,320
what are known as tumble jets installed

25

00:01:12,390 --> 00:01:10,720
on it that

26

00:01:13,670 --> 00:01:12,400

enable the tank to basically flip end

27

00:01:15,830 --> 00:01:13,680

over in to ensure that it actually

28

00:01:17,109 --> 00:01:15,840

breaks up as expected as it goes back