

VMC_SLEW
SOC_SLEW
FTC
MSU READY AUTO
RDS
MODE_EXEC

PLC DUPL
ACTIVE2

THRUST
GSO
GZ
KRO

YQ **
PQ **
RQ **
P **
P **



AZ M **
ELV **
KURS
NO CONTROL
P **
P **

1
00:00:06,080 --> 00:00:10,709
and as you can see here

2
00:00:17,510 --> 00:00:15,270
atv has now undocked at 3 55 a.m central

3
00:00:22,790 --> 00:00:17,520
time and is moving away from the

4
00:00:22,800 --> 00:00:27,349
the motion is smooth

5
00:00:35,510 --> 00:00:30,710
no deflection from the center the target

6
00:00:35,520 --> 00:00:38,470
and what is it

7
00:00:56,229 --> 00:00:40,709
atv mode please

8
00:01:02,310 --> 00:00:58,470
reporting that everything is looking

9
00:01:04,469 --> 00:01:02,320
good as the atv begins its

10
00:01:09,750 --> 00:01:04,479
separation maneuver

11
00:01:14,310 --> 00:01:11,590
away from the space station about four

12
00:01:15,910 --> 00:01:14,320
meters per second or nine miles per hour

13
00:01:19,830 --> 00:01:15,920

moving it uh

14

00:01:24,230 --> 00:01:22,070

at a rate that's going to uh

15

00:01:26,630 --> 00:01:24,240

put about 43 miles per orbit of the

16

00:01:29,990 --> 00:01:26,640

earth between it in the space station

17

00:01:36,069 --> 00:01:33,030

this vesa module of the albert einstein

18

00:01:43,109 --> 00:01:36,079

atv4 now undocked from the space station

19

00:01:46,550 --> 00:01:44,190

we're about

20

00:01:49,830 --> 00:01:46,560

260 miles above

21

00:01:53,190 --> 00:01:51,590

so around

22

00:01:54,710 --> 00:01:53,200

zero nine

23

00:01:56,950 --> 00:01:54,720

zero two

24

00:02:17,830 --> 00:01:56,960

ten ish

25

00:02:23,110 --> 00:02:20,710

separation is smooth atv is three

26
00:02:25,190 --> 00:02:23,120
degrees below the center

27
00:03:25,990 --> 00:02:25,200
of the crosshairs

28
00:03:30,309 --> 00:03:27,750
that was the departure of the albert

29
00:03:32,710 --> 00:03:30,319
einstein atv4 from the international

30
00:03:37,030 --> 00:03:32,720
space station's

31
00:03:39,990 --> 00:03:37,040
zvezda module at 3 55 a.m central time

32
00:03:41,350 --> 00:03:40,000
about 260 miles above kazakhstan

33
00:03:45,270 --> 00:03:41,360
all that

34
00:03:46,710 --> 00:03:45,280
completed successfully and the

35
00:03:49,509 --> 00:03:46,720
vehicle now moving away from the space

36
00:03:51,030 --> 00:03:49,519
station at a rate of about 43 miles per

37
00:03:52,710 --> 00:03:51,040
orbit of the ramp

38
00:03:54,470 --> 00:03:52,720

per orbit of the earth

39

00:03:58,390 --> 00:03:54,480

so the crew has wrapped up their part in

40

00:03:59,350 --> 00:03:58,400

it it will be deorbiting from um

41

00:04:00,550 --> 00:03:59,360

or

42

00:04:02,710 --> 00:04:00,560

descending back into the earth's

43

00:04:05,990 --> 00:04:02,720

atmosphere on saturday

44

00:04:08,149 --> 00:04:06,000

that will uh burn it and the 4 761

45

00:04:09,910 --> 00:04:08,159

pounds of trash that it carries with it