



1
00:00:10,629 --> 00:00:08,950
the robotics officer here in mission

2
00:00:12,549 --> 00:00:10,639
control confirming to flight director

3
00:00:14,230 --> 00:00:12,559
scott stover that the back away motion

4
00:00:15,669 --> 00:00:14,240
motion has begun

5
00:00:17,349 --> 00:00:15,679
to back dragon away from the

6
00:00:28,950 --> 00:00:17,359
international space station takes about

7
00:00:32,549 --> 00:00:31,029
and a dragon being slowly removed from

8
00:00:34,630 --> 00:00:32,559
the international space station now

9
00:00:35,990 --> 00:00:34,640
official unbirthing time is 3 10 a.m

10
00:01:31,190 --> 00:00:36,000
central time

11
00:01:34,870 --> 00:01:33,190
dragon is slowly backing away from the

12
00:01:38,069 --> 00:01:34,880
international space station basically

13
00:01:39,910 --> 00:01:38,079

the reverse of what we saw back on

14

00:01:41,429 --> 00:01:39,920

23 days ago whenever dragon arrived up

15

00:01:46,550 --> 00:01:41,439

the up at the international space

16

00:01:50,310 --> 00:01:48,550

this vehicle launched back on march 1st

17

00:01:51,830 --> 00:01:50,320

and arrived at the orbiting complex on

18

00:01:55,190 --> 00:01:51,840

march 3rd

19

00:02:00,469 --> 00:01:58,789

for myself yes now it is being removed

20

00:02:02,469 --> 00:02:00,479

from its home for the last uh three

21

00:02:03,990 --> 00:02:02,479

weeks or so

22

00:02:11,910 --> 00:02:04,000

it's a job with the international space

23

00:02:18,150 --> 00:02:14,949

and you can start working with rs2

24

00:03:05,430 --> 00:02:18,160

okay copy talk to you later

25

00:03:09,430 --> 00:03:07,830

tom marshburn now has his hand on the

26
00:03:40,710 --> 00:03:09,440
trigger that will release dragon coming

27
00:03:44,070 --> 00:03:42,309
the robotics officer is confirming that

28
00:03:46,949 --> 00:03:44,080
the snares inside the

29
00:03:48,550 --> 00:03:46,959
robotic arm are being opened up

30
00:03:53,030 --> 00:03:48,560
this will begin the process of releasing

31
00:03:58,550 --> 00:03:55,670
and dragon has been released at 5 56 a.m

32
00:04:00,710 --> 00:03:58,560
central time 6 56 a.m eastern time the

33
00:04:03,190 --> 00:04:00,720
arm now being backed away

34
00:04:05,990 --> 00:04:03,200
from the vehicle but again an on-time

35
00:04:08,550 --> 00:04:06,000
release of the dragon spacecraft at 5 56

36
00:04:10,789 --> 00:04:08,560
a.m central time these two vehicles are

37
00:04:12,949 --> 00:04:10,799
flying 252 miles above the surface of

38
00:04:14,550 --> 00:04:12,959

the earth just to the south of australia

39

00:04:38,950 --> 00:04:14,560

about to make a pass over the pacific

40

00:04:44,710 --> 00:04:40,790

the sensation we show the field nuclear

41

00:04:44,720 --> 00:05:45,990

copy and concur

42

00:06:00,629 --> 00:05:47,909

dragon is now 1.5 meters away from the

43

00:06:00,639 --> 00:06:15,270

coming up on the first departure burn

44

00:06:18,870 --> 00:06:17,029

burn has been conducted there goes

45

00:06:20,390 --> 00:06:18,880

dragon away from the arm

46

00:06:22,390 --> 00:06:20,400

this is the first of the three departure

47

00:06:24,070 --> 00:06:22,400

burns that will be conducted

48

00:06:25,749 --> 00:06:24,080

it will happen in rapid succession

49

00:06:27,510 --> 00:06:25,759

taking dragon away from the vicinity of

50

00:06:31,270 --> 00:06:27,520

the international space station but

51
00:06:35,510 --> 00:06:33,270
the team at spacex reporting that the

52
00:06:39,029 --> 00:06:35,520
burn was conducted as expected

53
00:06:41,270 --> 00:06:39,039
everything on dragon on board is looking

54
00:06:44,070 --> 00:06:41,280
good the dragon depart was commanded and

55
00:06:47,029 --> 00:06:44,080
the p timer was started and

56
00:06:49,270 --> 00:06:47,039
go to re-enable thrusters

57
00:06:52,070 --> 00:06:49,280
copy and concur and departure burn 1 is

58
00:06:58,070 --> 00:06:52,080
complete departure burn 2 is going to be

59
00:07:04,390 --> 00:06:59,510
roger looks

60
00:07:08,070 --> 00:07:06,309
good words thank you

61
00:07:09,749 --> 00:07:08,080
there's a live view from dragon looking

62
00:07:12,150 --> 00:07:09,759
up at the international space station

63
00:07:13,670 --> 00:07:12,160

you see both the kibo laboratory and the

64

00:07:15,589 --> 00:07:13,680

columbus laboratory as well as the

65

00:07:18,390 --> 00:07:15,599

harmony node which used to be the former

66

00:07:19,990 --> 00:07:18,400

home of dragon for these past 23 days

67

00:07:22,309 --> 00:07:20,000

there at the bottom is the pressurized

68

00:07:24,230 --> 00:07:22,319

mating adapter number two that used to

69

00:07:25,350 --> 00:07:24,240

be home the home of the space shuttles

70

00:07:27,749 --> 00:07:25,360

back whenever they visited the

71

00:07:29,430 --> 00:07:27,759

international space station but dragon

72

00:07:32,469 --> 00:07:29,440

continuing to open up the distance

73

00:07:34,870 --> 00:07:32,479

between itself and the orbiting complex

74

00:07:36,710 --> 00:07:34,880

we are standing by for the

75

00:07:53,990 --> 00:07:36,720

second of the three departure burns

76
00:08:01,909 --> 00:07:58,390
departure burn number two has begun

77
00:08:05,189 --> 00:08:03,510
there will be a yaw maneuver coming up

78
00:08:09,510 --> 00:08:05,199
next where the spacecraft will spin

79
00:08:13,110 --> 00:08:11,350
station houston on space to ground two

80
00:08:14,950 --> 00:08:13,120
for robotics no response required

81
00:08:16,309 --> 00:08:14,960
departure burn two is complete and

82
00:08:24,710 --> 00:08:16,319
departure burn three will be in

83
00:08:24,720 --> 00:08:38,949
okay looks good

84
00:08:43,269 --> 00:08:41,509
as these two spacecrafts fly together in

85
00:08:44,710 --> 00:08:43,279
the darkness a little bit hard to see

86
00:08:46,070 --> 00:08:44,720
the dragon spacecraft but you can

87
00:08:47,190 --> 00:08:46,080
definitely see the strobe light there

88
00:08:48,870 --> 00:08:47,200

blinking

89

00:08:50,150 --> 00:08:48,880

giving an indication of how fast this

90

00:08:52,070 --> 00:08:50,160

vehicle is starting to open up the

91

00:08:54,389 --> 00:08:52,080

distance between itself and the space

92

00:08:57,990 --> 00:08:54,399

station there on the left hand side

93

00:09:01,509 --> 00:08:59,750

the team here in houston getting the

94

00:09:03,670 --> 00:09:01,519

space station back into the proper

95

00:09:12,310 --> 00:09:03,680

configuration with its handling and

96

00:09:16,710 --> 00:09:13,990

but this third and final departure burn

97

00:10:30,069 --> 00:09:16,720

should be taking place at about 608 a.m

98

00:10:33,990 --> 00:10:32,389

the spacex mission director reporting to