



1  
00:00:01,199 --> 00:00:10,790  
and the release window is now open

2  
00:00:13,270 --> 00:00:12,470  
so with the window open we'll stand by

3  
00:00:15,749 --> 00:00:13,280  
for

4  
00:00:17,590 --> 00:00:15,759  
confirmations of the commands to the

5  
00:00:21,750 --> 00:00:17,600  
robotic arm to begin

6  
00:00:38,790 --> 00:00:21,760  
the slow release process of dragon

7  
00:00:43,430 --> 00:00:40,549  
and with that you can see

8  
00:00:47,430 --> 00:00:43,440  
the arms slowly backing away dragon

9  
00:00:50,150 --> 00:00:47,440  
released 4 11 a.m central time 5 11 a.m

10  
00:00:52,229 --> 00:00:50,160  
eastern with the station about 257

11  
00:00:54,229 --> 00:00:52,239  
statute miles over the

12  
00:00:59,590 --> 00:00:54,239  
earth's surface just to the south of

13  
00:01:06,070 --> 00:01:03,349

you can see dragon's slowly drifting out

14

00:01:10,230 --> 00:01:06,080

again that release time right on time 4

15

00:01:13,109 --> 00:01:10,240

11 a.m central 5 11 a.m eastern exactly

16

00:01:14,710 --> 00:01:13,119

per the timeline again dragon gonna

17

00:01:17,590 --> 00:01:14,720

slowly

18

00:01:19,510 --> 00:01:17,600

drift down the robotic arm retracts

19

00:01:24,550 --> 00:01:19,520

and then the first departure burn should

20

00:01:31,590 --> 00:01:27,270

the arm now in motion backing away from

21

00:01:34,550 --> 00:01:33,350

there you can see the grapple fixture on

22

00:01:36,230 --> 00:01:34,560

the vehicle

23

00:01:38,469 --> 00:01:36,240

which is used to

24

00:01:40,950 --> 00:01:38,479

grab it when it arrives and then

25

00:01:43,109 --> 00:01:40,960

was grabbed by the robotic arm for the

26  
00:01:45,749 --> 00:01:43,119  
unberthing and ultimate maneuvering to

27  
00:01:47,030 --> 00:01:45,759  
this release attitude and then released

28  
00:01:48,950 --> 00:01:47,040  
by

29  
00:01:50,469 --> 00:01:48,960  
the canadarm2

30  
00:01:58,789 --> 00:01:50,479  
and then there there you can see it

31  
00:02:21,190 --> 00:02:01,830  
i'm already about nine feet away from

32  
00:02:25,510 --> 00:02:22,869  
and so the first of three departure

33  
00:02:27,910 --> 00:02:25,520  
burns executed

34  
00:02:30,150 --> 00:02:27,920  
dragon's slowly backing away now

35  
00:02:34,830 --> 00:02:30,160  
houston departure burn one is complete

36  
00:02:34,840 --> 00:02:46,710  
minute okay thanks houston

37  
00:02:49,670 --> 00:02:48,630  
and you can see dragon continuing to

38  
00:02:52,790 --> 00:02:49,680

depart

39

00:02:54,630 --> 00:02:52,800

the sun setting on earth

40

00:02:57,990 --> 00:02:54,640

and on the international space station

41

00:02:59,190 --> 00:02:58,000

and dragon as it flies away

42

00:03:01,670 --> 00:02:59,200

loaded with

43

00:03:03,990 --> 00:03:01,680

more than 5 400 pounds of

44

00:03:06,949 --> 00:03:04,000

cargo research samples vehicle hardware

45

00:03:08,149 --> 00:03:06,959

and other items making its way now from

46

00:03:09,990 --> 00:03:08,159

the station

47

00:03:16,830 --> 00:03:10,000

on its way soon back through the earth's

48

00:03:20,630 --> 00:03:18,949

pacific justin it looks like it's time

49

00:03:22,070 --> 00:03:20,640

to say goodbye to dragon

50

00:03:23,910 --> 00:03:22,080

uh there's a part of us that will come

51  
00:03:25,589 --> 00:03:23,920  
back down to earth with her uh and i

52  
00:03:27,509 --> 00:03:25,599  
mean that literally because he carries

53  
00:03:29,750 --> 00:03:27,519  
lots of important scientific samples and

54  
00:03:31,350 --> 00:03:29,760  
some obtained directly from the crew

55  
00:03:33,110 --> 00:03:31,360  
i know the scientists can't wait to get

56  
00:03:34,630 --> 00:03:33,120  
their hands on these results

57  
00:03:36,869 --> 00:03:34,640  
and thanks to return vehicles like

58  
00:03:38,869 --> 00:03:36,879  
dragon the iss is able to fulfill this

59  
00:03:41,190 --> 00:03:38,879  
mission of science and discovery from

60  
00:03:43,110 --> 00:03:41,200  
all the crew of expedition 50 many