



1
00:00:18,890 --> 00:00:12,440
all the watches have been released the

2
00:00:28,179 --> 00:00:18,900
arm is a continuing to go through the

3
00:00:31,460 --> 00:00:28,189
process of letting go of cygnus and

4
00:00:33,049 --> 00:00:31,470
release confirmed at 6:31 a.m. Central

5
00:00:35,720 --> 00:00:33,059
Time as these two vehicles were high

6
00:00:39,139 --> 00:00:35,730
above the Atlantic Ocean just to the

7
00:00:40,190 --> 00:00:39,149
east of Argentina against Cygnus has

8
00:00:55,889 --> 00:00:40,200
been released by the crew of expedition

9
00:01:00,160 --> 00:00:58,270
expansion 37 crew now backing the arm

10
00:01:05,710 --> 00:01:00,170
away from the Orbital Sciences Cygnus

11
00:01:07,450 --> 00:01:05,720
spacecraft release confirmed at 6:31

12
00:01:09,070 --> 00:01:07,460
a.m. Central Time once again the two

13
00:01:26,190 --> 00:01:09,080

vehicles were high above the Atlantic

14

00:01:26,200 --> 00:01:33,919

you send the board is armed copy armed

15

00:01:42,809 --> 00:01:40,469

or commanded copy commanded karen nyberg

16

00:01:44,700 --> 00:01:42,819

has sent the abort command to Cygnus

17

00:01:47,190 --> 00:01:44,710

this will signal its engines to begin

18

00:01:48,749 --> 00:01:47,200

firing to move it away from the

19

00:01:57,499 --> 00:01:48,759

International Space Station the arm now

20

00:02:02,820 --> 00:02:00,240

station Houston Cygnus departures in

21

00:02:08,749 --> 00:02:02,830

progress continuing to monitor departure

22

00:02:12,150 --> 00:02:10,039

okay

23

00:02:13,890 --> 00:02:12,160

so Cygnus bids farewell to the

24

00:02:16,589 --> 00:02:13,900

International Space Station it has been

25

00:02:20,130 --> 00:02:16,599

up there close to a month after arriving

26

00:02:23,190 --> 00:02:20,140

at the end of September this test

27

00:02:25,080 --> 00:02:23,200

mission is rapidly coming to a close

28

00:02:30,620 --> 00:02:25,090

Cygnus is due for a destructive re-entry

29

00:02:39,660 --> 00:02:33,090

this test flight went pretty much

30

00:02:41,069 --> 00:02:39,670

without any sort of hiccups at all there

31

00:02:42,210 --> 00:02:41,079

are some challenges in the beginning but

32

00:02:44,660 --> 00:02:42,220

of course you and those are to be

33

00:02:46,559 --> 00:02:44,670

expected during any sort of test flight

34

00:02:47,879 --> 00:02:46,569

but one Cygnus got up to the

35

00:02:49,740 --> 00:02:47,889

International Space Station everything

36

00:02:52,470 --> 00:02:49,750

went extremely smooth as all the

37

00:02:53,849 --> 00:02:52,480

different ten milestones a Cygnus needed

38

00:02:57,620 --> 00:02:53,859

to accomplish during this test flight

39

00:03:03,509 --> 00:03:01,340

the crew was able to capture Cygnus

40

00:03:04,860 --> 00:03:03,519

attach it to the station open up the

41

00:03:06,090 --> 00:03:04,870

hatches and unloaded of all the

42

00:03:08,490 --> 00:03:06,100

different cargo that it brought up on

43

00:03:09,690 --> 00:03:08,500

this test flight they packed it full of

44

00:03:12,449 --> 00:03:09,700

trash and other items that they no

45

00:03:15,390 --> 00:03:12,459

longer need sealed the hatches yesterday

46

00:03:16,920 --> 00:03:15,400

and released it this morning and sent it

47

00:03:26,540 --> 00:03:16,930

toward the end of its mission which will

48

00:04:09,950 --> 00:03:30,470

you

49

00:04:14,670 --> 00:04:13,140

cygnus there on the horizon sort of

50

00:04:16,949 --> 00:04:14,680

disappearing back behind the Kibo

51
00:04:22,430 --> 00:04:16,959
laboratory there's a view of it from the

52
00:04:24,900 --> 00:04:22,440
end of the station's arm as vehicles

53
00:04:26,640 --> 00:04:24,910
rapidly approaching the keep out sphere

54
00:04:29,700 --> 00:04:26,650
this is an imaginary circle around the

55
00:04:32,910 --> 00:04:29,710
International Space Station and the team

56
00:04:34,650 --> 00:04:32,920
here confirming that we have passed that

57
00:04:38,970 --> 00:04:34,660
200 meter points so Cygnus is now

58
00:04:41,460 --> 00:04:38,980
outside of the key bounce fear station