



1
00:00:05,829 --> 00:00:02,790
there's our first view of the orbital

2
00:00:07,829 --> 00:00:05,839
atk cygnus craft as it moves ever so

3
00:00:10,950 --> 00:00:07,839
slowly up what is called the radial

4
00:00:12,870 --> 00:00:10,960
vector or the \bar{r} the imaginary lawn

5
00:00:27,910 --> 00:00:12,880
giant drawn between the international

6
00:00:32,310 --> 00:00:30,630
in cygnus approaching the 30 meter hold

7
00:00:34,950 --> 00:00:32,320
point a great view from the

8
00:00:36,150 --> 00:00:34,960
international space station as the two

9
00:00:38,310 --> 00:00:36,160
craft

10
00:00:39,990 --> 00:00:38,320
are about to enter an orbital sunrise

11
00:00:57,270 --> 00:00:40,000
currently flying just to the north of

12
00:01:02,229 --> 00:00:59,990
and an excellent high-definition view of

13
00:01:05,270 --> 00:01:02,239

the cygnus cargo craft uh with its

14

00:01:06,149 --> 00:01:05,280

ultraflex solar arrays deployed as they

15

00:01:08,310 --> 00:01:06,159

were

16

00:01:10,070 --> 00:01:08,320

just over two hours after its launch on

17

00:01:12,630 --> 00:01:10,080

tuesday night from the cape canaveral

18

00:01:14,390 --> 00:01:12,640

air force station

19

00:01:16,149 --> 00:01:14,400

station cygnus is ready to proceed to

20

00:01:19,030 --> 00:01:16,159

the capture point expect approach to

21

00:01:19,040 --> 00:01:23,350

station copies

22

00:01:27,590 --> 00:01:25,590

and mission director ken peak at the

23

00:01:29,910 --> 00:01:27,600

orbital atk flight control room in

24

00:01:32,469 --> 00:01:29,920

dulles virginia has reported to flight

25

00:01:34,789 --> 00:01:32,479

director gary horlocker that cygnus has

26

00:01:38,310 --> 00:01:34,799

now resumed its final approach to

27

00:01:43,270 --> 00:01:40,390

station on space to ground 2 for cygnus

28

00:01:45,510 --> 00:01:43,280

we see a primary range of 25 meters for

29

00:01:47,990 --> 00:01:45,520

block bravo the port 1 lower outboard

30

00:01:50,710 --> 00:01:48,000

camera the light in within the corridor

31

00:01:52,550 --> 00:01:50,720

the vehicle size matches the outline the

32

00:01:54,230 --> 00:01:52,560

light is in the center of the circle and

33

00:02:00,310 --> 00:01:54,240

the circle is in the center of the

34

00:02:05,030 --> 00:02:03,030

a good view of the cygnus resupply ship

35

00:02:07,429 --> 00:02:05,040

loaded with some seventy seven hundred

36

00:02:09,669 --> 00:02:07,439

pounds of supplies and experiments for

37

00:02:11,589 --> 00:02:09,679

the expedition 47 crew on board the

38

00:02:17,510 --> 00:02:11,599

international space station

39

00:02:21,750 --> 00:02:19,830

cygnus uh steady as a rock at its

40

00:02:23,830 --> 00:02:21,760

capture point

41

00:02:25,910 --> 00:02:23,840

the station will go into free drift a

42

00:02:29,030 --> 00:02:25,920

short time from now basically disabling

43

00:02:31,589 --> 00:02:29,040

any thruster firings of for the duration

44

00:02:34,470 --> 00:02:31,599

of the time of the robotic operations to

45

00:02:36,949 --> 00:02:34,480

avoid any perturbations uh

46

00:02:41,830 --> 00:02:36,959

as tim copra extends the robot arm in

47

00:02:46,869 --> 00:02:44,710

we expect a robotic arm motion in about

48

00:02:48,710 --> 00:02:46,879

30 seconds with all of the flight

49

00:02:51,670 --> 00:02:48,720

control positions both here and at

50

00:02:59,110 --> 00:02:51,680

dulles virginia having expressed

51
00:03:04,470 --> 00:03:01,830
cygnus now in free drift it's thrusters

52
00:03:05,430 --> 00:03:04,480
disabled to prevent any perturbations at

53
00:03:22,149 --> 00:03:05,440
the

54
00:03:22,159 --> 00:03:28,390
capture confirmed

55
00:03:33,589 --> 00:03:30,789
just as we lost our downlink television

56
00:03:36,550 --> 00:03:33,599
signal