

Ф44 СБ ИЖЕНИЕ

T=14:07:20

ЗАПР СБ

ОСК ГСО 12

Б2

А 3

К

ОХ

0,026%

Д9С12

1

УТ

0,62

ОУ

0,009%

8,6

ФИЛЬТР

ОZ

0,070%

00 00000

РАЗБОРОТ

КУРС

γ 0,00°

ψ 0,00°

θ 0,00°

ψ~ 0,00°

θ~ 0,00°

ρ 0,000

ρ̇ 0,00

ρ 0,000км

ΩУ 0,000

0,000

ρ̇ 0,00м/с

ΩZ 0,000

0,000

1
00:00:05,510 --> 00:00:03,990
once again this progress resupply ship

2
00:00:07,990 --> 00:00:05,520
was launched from the baikonur

3
00:00:10,470 --> 00:00:08,000
cosmodrome in kazakhstan back on january

4
00:00:12,390 --> 00:00:10,480
25th delivering two and a half tons of

5
00:00:14,390 --> 00:00:12,400
supplies to the international space

6
00:00:29,750 --> 00:00:14,400
station linking up to the piers docking

7
00:00:29,760 --> 00:00:59,349
now about 30 seconds away

8
00:01:03,590 --> 00:01:01,430
and physical separation has been

9
00:01:06,870 --> 00:01:03,600
confirmed undocking occurring right on

10
00:01:08,710 --> 00:01:06,880
time at 604 am central time

11
00:01:15,990 --> 00:01:08,720
over southeast russia north of the

12
00:01:16,000 --> 00:01:39,350
round one

13
00:01:43,350 --> 00:01:41,109

about two and a half minutes from now uh

14

00:01:45,429 --> 00:01:43,360
thrusters on the progress will fire

15

00:01:47,510 --> 00:01:45,439
automatically to begin a separation rate

16

00:01:49,590 --> 00:01:47,520
from the international space station

17

00:01:50,789 --> 00:01:49,600
that will ultimately place it 3000

18

00:01:52,710 --> 00:01:50,799
kilometers

19

00:01:55,429 --> 00:01:52,720
behind the station for a series of

20

00:01:57,270 --> 00:01:55,439
engineering tests over the next week

21

00:02:00,149 --> 00:01:57,280
it ultimately will be deorbited on

22

00:02:04,389 --> 00:02:00,159
saturday april 28th

23

00:02:09,430 --> 00:02:06,149
and the rubber bands are

24

00:02:12,070 --> 00:02:09,440
in place as far as we can see

25

00:02:13,350 --> 00:02:12,080
the seals the seals the o-rings the

26
00:02:33,910 --> 00:02:13,360
o-rings

27
00:02:33,920 --> 00:02:40,710
go ahead

28
00:02:42,550 --> 00:02:41,830
we have

29
00:02:45,350 --> 00:02:42,560
the

30
00:02:51,350 --> 00:02:45,360
seals looking good i'm going to downlink

31
00:02:55,750 --> 00:02:53,190
on board the international space station

32
00:02:58,630 --> 00:02:55,760
flight engineer oleg kononenko soon to

33
00:03:01,350 --> 00:02:58,640
become the next commander of the station

34
00:03:03,350 --> 00:03:01,360
once he takes a handover from

35
00:03:05,990 --> 00:03:03,360
the current commander dan burbank next

36
00:03:07,670 --> 00:03:06,000
wednesday reporting that he has a

37
00:03:10,149 --> 00:03:07,680
variety of good

38
00:03:13,350 --> 00:03:10,159

digital photos of the undocking of

39

00:03:15,750 --> 00:03:13,360

progress 46. it continues to back away

40

00:03:21,030 --> 00:03:15,760

as the station begins to pass into an

41

00:03:25,190 --> 00:03:22,390

down at the bottom of your screen you

42

00:03:27,750 --> 00:03:25,200

can see the accordion-like folded solar

43

00:03:29,509 --> 00:03:27,760

arrays of the zarya module the first

44

00:03:31,190 --> 00:03:29,519

element launched

45

00:03:32,710 --> 00:03:31,200

to the international space station to

46

00:03:35,910 --> 00:03:32,720

become the international space station

47

00:03:37,750 --> 00:03:35,920

back on november 20th 1998.

48

00:03:40,390 --> 00:03:37,760

now the station is passed into that

49

00:03:41,350 --> 00:03:40,400

orbital sunset so our views uh will be

50

00:03:43,589 --> 00:03:41,360

lost

51
00:03:47,110 --> 00:03:43,599
for all intents and purposes of the

52
00:03:49,670 --> 00:03:47,120
station once again undocking occurred on

53
00:03:51,830 --> 00:03:49,680
time at 604 am central time the visiting

54
00:03:54,789 --> 00:03:51,840
vehicle officer now confirms that the

55
00:03:56,949 --> 00:03:54,799
first separation burn of the progress

56
00:03:59,350 --> 00:03:56,959
thrusters has been completed

57
00:04:01,270 --> 00:03:59,360
this will initiate a fairly aggressive

58
00:04:04,550 --> 00:04:01,280
opening rate as you can see

59
00:04:06,630 --> 00:04:04,560
as the station begins to fade from view

60
00:04:09,589 --> 00:04:06,640
that burn now complete a 15 second

61
00:04:11,429 --> 00:04:09,599
firing as the progress begins to hastily

62
00:04:13,270 --> 00:04:11,439
depart the vicinity of the international

63
00:04:15,190 --> 00:04:13,280

space station ultimately to back away to

64

00:04:17,430 --> 00:04:15,200

a distance of some three thousand

65

00:04:19,349 --> 00:04:17,440

kilometers away from the station for a

66

00:04:22,069 --> 00:04:19,359

series of thruster firings between

67

00:04:24,550 --> 00:04:22,079

monday and thursday of next week

68

00:04:27,430 --> 00:04:24,560

that will test new radar systems on the

69

00:04:29,990 --> 00:04:27,440

ground and the ability to track

70

00:04:32,550 --> 00:04:30,000

russian vehicles from those new radar

71

00:04:35,350 --> 00:04:32,560

systems that are spread out throughout

72

00:04:45,749 --> 00:04:37,110

now a better view of the international

73

00:04:50,870 --> 00:04:48,550

once again uh this undocking

74

00:04:52,629 --> 00:04:50,880

uh leading up to the launch

75

00:04:54,710 --> 00:04:52,639

on friday morning from the baikonur

76

00:05:00,550 --> 00:04:54,720

cosmodrome in kazakhstan of the brand

77

00:05:03,189 --> 00:05:00,560

new iss progress 47 cargo ship

78

00:05:04,790 --> 00:05:03,199

loaded with 2.8 tons of food fuel and

79

00:05:06,710 --> 00:05:04,800

supplies for the residents of the

80

00:05:09,590 --> 00:05:06,720

international space station