

Ф44 СБЛИЖЕНИЕ

T=23:29:27

ЗНПР СБ ЗАХВАТ

ОСК ГСО 12

Б2

ЗАП АС

А В

К

OX-0,017%

ДУС12

1

УТ

0,85

OY 0,009%

Р 8,5

OZ 0,079%

СВ.40000

РАЗВОРОТ

КУРС 1

0,00°

-1,75°

9,41°

0,00°

0,00°

0,061

0,68

0,000кН

У

0,000

0,00

0,00Н/С

З

0,000

0,00

1
00:00:04,870 --> 00:00:02,389
and we just heard from

2
00:00:06,070 --> 00:00:04,880
the uh visiting vehicle officer who

3
00:00:08,870 --> 00:00:06,080
confirmed that

4
00:00:10,870 --> 00:00:08,880
the command has been set sent to the uh

5
00:00:13,110 --> 00:00:10,880
for the hooks the hooks are now driving

6
00:00:14,950 --> 00:00:13,120
on progress 47 this is a process that

7
00:00:16,950 --> 00:00:14,960
will take about three minutes to

8
00:00:18,710 --> 00:00:16,960
complete

9
00:00:20,870 --> 00:00:18,720
and as the swings push off we'll have

10
00:00:23,189 --> 00:00:20,880
physical separation

11
00:00:25,429 --> 00:00:23,199
we're now getting a look from the

12
00:00:26,870 --> 00:00:25,439
external camera from progress looking

13
00:00:38,310 --> 00:00:26,880

directly at the docking port on the

14

00:00:41,510 --> 00:00:39,430

as we

15

00:01:19,830 --> 00:00:41,520

pass over russian ground stations now

16

00:01:30,630 --> 00:01:21,990

undocking has been confirmed

17

00:01:35,910 --> 00:01:33,190

again physical separation of progress 47

18

00:01:37,350 --> 00:01:35,920

confirmed on time at 3 26 pm central

19

00:01:40,469 --> 00:01:37,360

time

20

00:02:17,350 --> 00:01:40,479

as the two vehicles

21

00:02:21,110 --> 00:02:19,190

this is mission control houston again

22

00:02:28,229 --> 00:02:21,120

physical separation has been confirmed

23

00:02:28,239 --> 00:02:31,670

as the two vehicles

24

00:02:36,470 --> 00:02:34,949

flew out about 255 statute miles just

25

00:03:22,390 --> 00:02:36,480

over the eastern

26

00:03:26,309 --> 00:03:24,710

this is a

27

00:03:28,550 --> 00:03:26,319

mission control houston we're getting a

28

00:03:31,030 --> 00:03:28,560

look from the external camera from the

29

00:03:35,430 --> 00:03:31,040

progress

30

00:03:42,550 --> 00:03:37,270

physically separated from the

31

00:03:46,869 --> 00:03:44,630

it's just about a minute

32

00:03:49,589 --> 00:03:46,879

the progress thrusters will fire in a

33

00:03:52,470 --> 00:03:49,599

separation burn for about 15 seconds to

34

00:03:55,509 --> 00:03:52,480

create a change on the

35

00:04:19,509 --> 00:03:55,519

progress velocity by 0.66 meters per

36

00:04:23,189 --> 00:04:21,189

this is mission control

37

00:04:26,070 --> 00:04:23,199

houston the progress thrusters have

38

00:04:32,070 --> 00:04:28,469

the separation burn began it will last

39

00:04:34,710 --> 00:04:32,080

about 15 seconds to create that change

40

00:04:37,510 --> 00:04:34,720

on the progress velocity again that's by

41

00:04:38,870 --> 00:04:37,520

0.66 meters per second it'll begin an

42

00:04:42,310 --> 00:04:38,880

opening rate that will allow the

43

00:04:44,310 --> 00:04:42,320

progress to back away slowly

44

00:04:48,870 --> 00:04:44,320

slowly and safely away from the space

45

00:04:53,350 --> 00:04:51,670

again this first undocking

46

00:04:57,830 --> 00:04:53,360

and moving away from the space station

47

00:05:10,870 --> 00:04:59,670

an effort to test the new automated

48

00:05:15,990 --> 00:05:13,909

the progress 47 cargo craft now undocked

49

00:05:22,629 --> 00:05:16,000

and slowly moving away from the space

50

00:05:29,270 --> 00:05:24,870

arrived at the space station back on

51
00:05:32,870 --> 00:05:30,390
delivering

52
00:05:34,469 --> 00:05:32,880
2.8 tons of food

53
00:05:36,950 --> 00:05:34,479
fuel and supplies for the station

54
00:05:39,590 --> 00:05:36,960
residents

55
00:05:40,870 --> 00:05:39,600
it is now loaded with trash

56
00:05:43,430 --> 00:05:40,880
and is uh

57
00:05:53,990 --> 00:05:43,440
equipped with the russian a new russian

58
00:05:57,350 --> 00:05:55,670
the vehicle will now phase out to a

59
00:05:58,469 --> 00:05:57,360
distance of about a hundred miles away

60
00:06:02,870 --> 00:05:58,479
from the space

61
00:06:07,270 --> 00:06:05,350
a final retrograde burn for station

62
00:06:19,590 --> 00:06:07,280
keeping is scheduled to occur just after

63
00:06:23,350 --> 00:06:21,110

this is mission control houston you're

64

00:06:25,990 --> 00:06:23,360
now getting a replay video of the

65

00:06:28,230 --> 00:06:26,000
undocking you're seeing now the physical

66

00:06:29,670 --> 00:06:28,240
separation of the progress 47 that

67

00:06:32,390 --> 00:06:29,680
arrived to the international space

68

00:06:36,309 --> 00:06:32,400
station back on april 22nd

69

00:06:40,550 --> 00:06:36,319
physical separation was confirmed at uh

70

00:06:45,830 --> 00:06:42,790
as the vehicles

71

00:06:56,629 --> 00:06:45,840
flew at about 255 statute mile just

72

00:06:59,909 --> 00:06:58,150
the

73

00:07:02,469 --> 00:06:59,919
next barn is scheduled

74

00:07:04,309 --> 00:07:02,479
to take place in a couple of hours at

75

00:07:06,629 --> 00:07:04,319
progress 47

76

00:07:08,710 --> 00:07:06,639

cargo craft will continue to phase out

77

00:07:14,550 --> 00:07:08,720

to a distance of about 100 miles from

78

00:07:20,390 --> 00:07:17,830

where a final

79

00:07:22,790 --> 00:07:20,400

progress retrograde burn

80

00:07:25,189 --> 00:07:22,800

we'll put it at station keeping at that

81

00:07:26,790 --> 00:07:25,199

100 miles distance from the space

82

00:07:28,230 --> 00:07:26,800

station

83

00:07:29,909 --> 00:07:28,240

that uh

84

00:07:31,589 --> 00:07:29,919

retrograde burn is scheduled to take

85

00:07:32,790 --> 00:07:31,599

place at 1201

86

00:07:42,710 --> 00:07:32,800

am

87

00:07:48,230 --> 00:07:45,110

the vehicle now loaded with trash

88

00:07:54,790 --> 00:07:51,270

stay at that distance for about 27 hours

89

00:07:54,800 --> 00:08:01,430

these tests are testing out the new

90

00:08:06,550 --> 00:08:04,790

russian cruise n a docking system

91

00:08:09,110 --> 00:08:06,560

if these tests are

92

00:08:10,469 --> 00:08:09,120

successful it will eliminate four

93

00:08:15,189 --> 00:08:10,479

additional

94

00:08:15,199 --> 00:08:19,589

again we are looking at video we play

95

00:08:22,469 --> 00:08:20,469

of the

96

00:08:32,630 --> 00:08:22,479

progress 47 undocking from the

97

00:08:39,509 --> 00:08:36,949

that occurred just about 30 minutes ago

98

00:08:49,430 --> 00:08:39,519

again physical separation was confirmed

99

00:08:55,190 --> 00:08:52,310

as the vehicles flew

100

00:08:57,269 --> 00:08:55,200

at an altitude of about 255 statute

101
00:09:44,150 --> 00:08:57,279
miles just over

102
00:09:49,269 --> 00:09:45,829
this is mission control houston again

103
00:09:52,389 --> 00:09:49,279
we're getting a video replay of the

104
00:09:54,310 --> 00:09:52,399
undocking of the progress 47

105
00:09:55,509 --> 00:09:54,320
from the international space station you

106
00:09:58,230 --> 00:09:55,519
can see

107
00:09:59,750 --> 00:09:58,240
there in the background the progress 47

108
00:10:05,430 --> 00:09:59,760
moving slowly away from the space

109
00:10:22,310 --> 00:10:08,389
undocking was confirmed at 3 26 pm

110
00:10:27,110 --> 00:10:24,470
the cargo craft will continue to phase

111
00:10:35,190 --> 00:10:28,870
to a distance of about a hundred miles

112
00:10:38,949 --> 00:10:37,590
within a final retrograde burn will be

113
00:10:41,190 --> 00:10:38,959

commanded

114

00:10:43,269 --> 00:10:41,200
to put it at station keeping

115

00:10:47,190 --> 00:10:43,279
there at that distance

116

00:10:49,190 --> 00:10:47,200
for the next 27 hours

117

00:10:51,990 --> 00:10:49,200
and then a series of tests

118

00:10:54,389 --> 00:10:52,000
to test out the new

119

00:10:59,430 --> 00:10:54,399
cruise in a

120

00:10:59,440 --> 00:11:02,870
an automated uh

121

00:11:02,880 --> 00:11:08,150
command will be sent for