



1  
00:00:06,309 --> 00:00:04,150  
since closing the hatches between the

2  
00:00:08,390 --> 00:00:06,319  
soyuz craft and the

3  
00:00:09,350 --> 00:00:08,400  
rassvet module to which it is currently

4  
00:00:11,749 --> 00:00:09,360  
docked

5  
00:00:13,030 --> 00:00:11,759  
they accomplished a series of leak

6  
00:00:15,270 --> 00:00:13,040  
checks between

7  
00:00:16,870 --> 00:00:15,280  
on either side

8  
00:00:19,269 --> 00:00:16,880  
before entering the craft they were able

9  
00:00:20,710 --> 00:00:19,279  
to say a final farewell to the three

10  
00:00:22,790 --> 00:00:20,720  
astronauts and cosmonauts that will

11  
00:00:23,910 --> 00:00:22,800  
remain on board the international space

12  
00:00:25,670 --> 00:00:23,920  
station

13  
00:00:28,550 --> 00:00:25,680

here you can see them beginning to

14

00:00:30,070 --> 00:00:28,560

egress into their docked soyuz vehicle

15

00:00:32,150 --> 00:00:30,080

all the crew currently inside of the

16

00:00:34,150 --> 00:00:32,160

raspbian module right here you can see

17

00:00:35,750 --> 00:00:34,160

nasa astronaut dr tom marshburn now

18

00:00:37,750 --> 00:00:35,760

moving in

19

00:00:40,389 --> 00:00:37,760

the man he's moving past in the striped

20

00:00:42,950 --> 00:00:40,399

shirt there is pavo vinogradov a russian

21

00:00:45,750 --> 00:00:42,960

cosmonaut who is remaining on board and

22

00:00:48,709 --> 00:00:45,760

will continue his stint as commander of

23

00:00:50,229 --> 00:00:48,719

expedition 36 having taken over command

24

00:00:52,069 --> 00:00:50,239

of the international space station

25

00:00:54,150 --> 00:00:52,079

yesterday from departing commander

26

00:00:56,150 --> 00:00:54,160

canadian space agency astronaut chris

27

00:00:57,670 --> 00:00:56,160

hadfield

28

00:00:58,869 --> 00:00:57,680

now giving a final goodbye there and

29

00:01:01,590 --> 00:00:58,879

climbing in you can see russian

30

00:01:03,029 --> 00:01:01,600

cosmonaut roman romanenko he will be in

31

00:01:04,549 --> 00:01:03,039

the center seat

32

00:01:05,990 --> 00:01:04,559

of the descent module throughout the

33

00:01:08,230 --> 00:01:06,000

flight this evening

34

00:01:09,990 --> 00:01:08,240

in charge of all the soyuz systems

35

00:01:10,990 --> 00:01:10,000

throughout the flight

36

00:01:14,230 --> 00:01:11,000

he is the

37

00:01:17,190 --> 00:01:14,240

tma-07m commander and you will hear him

38

00:01:20,230 --> 00:01:17,200

referred to as prados his call sign

39

00:01:22,390 --> 00:01:20,240

follows being the russian word for sale

40

00:01:25,109 --> 00:01:22,400

he is currently conversing with the

41

00:01:27,270 --> 00:01:25,119

flight control team in korea of russia

42

00:01:29,030 --> 00:01:27,280

and the russian mcc or mission control

43

00:01:30,710 --> 00:01:29,040

center

44

00:01:32,710 --> 00:01:30,720

following that hatch closure again they

45

00:01:35,350 --> 00:01:32,720

conducted a series of leak checks on

46

00:01:37,510 --> 00:01:35,360

either side of the hatch

47

00:01:39,350 --> 00:01:37,520

both in the rassvet side with vinogradov

48

00:01:41,429 --> 00:01:39,360

remaining onboard the station

49

00:01:43,910 --> 00:01:41,439

and romanenko conducting those checks

50

00:01:54,230 --> 00:01:43,920

from the soyuz side inside of the

51  
00:01:58,789 --> 00:01:56,310  
there you can see the hatch being closed

52  
00:02:11,830 --> 00:01:58,799  
between the two that hatch on the soyuz

53  
00:02:19,350 --> 00:02:16,150  
three astronauts loading into the

54  
00:02:21,030 --> 00:02:19,360  
soyuz craft departing after spending 144

55  
00:02:23,750 --> 00:02:21,040  
days onboard the international space

56  
00:02:25,030 --> 00:02:23,760  
station the crew arriving in that craft

57  
00:02:29,270 --> 00:02:25,040  
after launching from the baikonur

58  
00:02:33,190 --> 00:02:31,030  
by the time they land a little bit later

59  
00:02:34,710 --> 00:02:33,200  
tonight they'll have spent 146 days

60  
00:02:37,270 --> 00:02:34,720  
total in space

61  
00:02:38,949 --> 00:02:37,280  
each of these astronauts

62  
00:02:40,550 --> 00:02:38,959  
racking up

63  
00:02:42,550 --> 00:02:40,560

a good deal of time after this

64

00:02:44,949 --> 00:02:42,560

long-duration expedition

65

00:02:47,670 --> 00:02:44,959

amongst them soyuz commander romanenko

66

00:02:48,710 --> 00:02:47,680

clocking in at 334 days after this

67

00:02:50,390 --> 00:02:48,720

evening

68

00:02:52,150 --> 00:02:50,400

as he had previously flown on a long

69

00:02:53,910 --> 00:02:52,160

duration space flight during expeditions

70

00:02:56,150 --> 00:02:53,920

20 and 21

71

00:02:57,830 --> 00:02:56,160

meanwhile departing expedition 35

72

00:03:01,750 --> 00:02:57,840

commander chris hadfield will be at a

73

00:03:04,149 --> 00:03:01,760

total of 166 days in space a veteran of

74

00:03:06,869 --> 00:03:04,159

three space flights now his two previous

75

00:03:09,990 --> 00:03:06,879

uh stints on board uh space shuttles

76

00:03:11,509 --> 00:03:10,000  
during sts-74 and sts-100

77

00:03:14,390 --> 00:03:11,519  
and finally tom marshburn will be

78

00:03:16,390 --> 00:03:14,400  
clocking in at 162 days in space

79

00:03:18,710 --> 00:03:16,400  
a veteran of two missions now this

80

00:03:23,430 --> 00:03:18,720  
expedition 3435

81

00:03:30,229 --> 00:03:26,869  
for physical separation in 35 seconds

82

00:03:30,239 --> 00:03:34,070  
well now i can copy about it

83

00:03:40,390 --> 00:03:37,030  
okay separation confirmed timer

84

00:03:42,309 --> 00:03:40,400  
and separation confirmed at 6 08 pm

85

00:03:43,670 --> 00:03:42,319  
central time while the station and soyuz

86

00:03:46,550 --> 00:03:43,680  
craft fly

87

00:03:53,429 --> 00:03:46,560  
about 257 statute miles over eastern

88

00:03:57,509 --> 00:03:55,670

i'm looking guess i want to confirm

89

00:03:59,030 --> 00:03:57,519

combine confirm

90

00:04:01,030 --> 00:03:59,040

i can

91

00:04:06,949 --> 00:04:01,040

have a visual of the target we are

92

00:04:27,270 --> 00:04:10,789

well so far is peace and quiet

93

00:04:32,469 --> 00:04:29,350

yeah stepper selection will be done in

94

00:04:37,110 --> 00:04:34,550

again physical separation from the

95

00:04:39,590 --> 00:04:37,120

international space station confirmed

96

00:04:43,270 --> 00:04:39,600

the station was at an altitude of 255

97

00:04:44,950 --> 00:04:43,280

statute miles over eastern mongolia

98

00:04:50,710 --> 00:04:44,960

backing away at a rate of just a little

99

00:05:03,029 --> 00:04:53,510

okay guys bye

100

00:05:06,550 --> 00:05:05,029

thank you thank you

101  
00:05:08,710 --> 00:05:06,560  
thank you guys excellent the timeline

102  
00:05:11,270 --> 00:05:08,720  
the soyuz craft will be executing a 15

103  
00:05:13,110 --> 00:05:11,280  
second burn of two of its engines

104  
00:05:35,909 --> 00:05:13,120  
enabling it to further separate away

105  
00:05:35,919 --> 00:06:05,270  
and we're standing by

106  
00:06:10,950 --> 00:06:06,550  
for page

107  
00:06:13,670 --> 00:06:10,960  
90 inaudible will be done on your go

108  
00:06:15,430 --> 00:06:13,680  
so the soyuz continuing to open up the

109  
00:06:17,510 --> 00:06:15,440  
gap of distance between it and the

110  
00:06:19,189 --> 00:06:17,520  
international space station that

111  
00:06:22,150 --> 00:06:19,199  
undocking again coming successfully at

112  
00:06:25,189 --> 00:06:22,160  
608 pm central time while the station

113  
00:06:28,790 --> 00:06:25,199

was flying just about 255 statute miles

114

00:06:32,550 --> 00:06:30,790

separation burn was completed

115

00:06:35,029 --> 00:06:32,560

successfully firing two of the soyuz

116

00:06:37,510 --> 00:06:35,039

engines just three minutes later at 6 11

117

00:06:39,110 --> 00:06:37,520

the soyuz will continue to open the gap

118

00:06:42,309 --> 00:06:39,120

between itself and the international

119

00:06:44,390 --> 00:06:42,319

space station over the next few hours

120

00:06:46,629 --> 00:06:44,400

eventually getting to a distance about

121

00:06:48,870 --> 00:06:46,639

12 kilometers away or just under seven

122

00:06:51,029 --> 00:06:48,880

and a half miles

123

00:06:59,909 --> 00:06:51,039

seeing the russian mia helicopter

124

00:06:59,919 --> 00:07:23,430

the ground in sight

125

00:07:26,550 --> 00:07:25,110

you can see the parachute coming down

126  
00:07:28,629 --> 00:07:26,560  
and the plume coming up from the soft

127  
00:07:32,550 --> 00:07:28,639  
landing engines and unofficial landing

128  
00:07:35,749 --> 00:07:32,560  
time now at 9 31 pm central time

129  
00:07:40,629 --> 00:07:35,759  
uh the three former expedition 35 crew

130  
00:07:44,550 --> 00:07:42,790  
there we have uh soyuz commander roman

131  
00:07:53,990 --> 00:07:44,560  
romanenko the russian space agency

132  
00:08:09,029 --> 00:07:55,510  
even the suit

133  
00:08:09,039 --> 00:08:16,070  
okay

134  
00:08:19,029 --> 00:08:17,189  
there we go

135  
00:08:23,270 --> 00:08:19,039  
second crew member out of the soyuz

136  
00:08:30,309 --> 00:08:24,950  
still remaining on board canadian

137  
00:08:42,149 --> 00:08:31,110  
i

138  
00:08:45,190 --> 00:08:42,159

these seats where they can relax for a

139

00:08:47,190 --> 00:08:45,200

moment as they're all extracted

140

00:08:50,150 --> 00:08:47,200

before eventually being moved over to

141

00:08:51,430 --> 00:08:50,160

the medical tent erected about 100

142

00:08:55,430 --> 00:08:51,440

meters away

143

00:08:57,190 --> 00:08:55,440

from the landing zone

144

00:08:58,870 --> 00:08:57,200

once inside that medical tent the crew

145

00:09:00,550 --> 00:08:58,880

will get their

146

00:09:03,430 --> 00:09:00,560

initial

147

00:09:05,750 --> 00:09:03,440

medical exam i can see some of the

148

00:09:16,070 --> 00:09:05,760

another russian mi8 helicopter just now

149

00:09:19,990 --> 00:09:17,829

getting a few words there from soyuz

150

00:09:20,790 --> 00:09:20,000

commander roman romanenko

151  
00:09:22,389 --> 00:09:20,800  
you'll

152  
00:09:23,990 --> 00:09:22,399  
hear them comment on the weather quite a

153  
00:09:26,949 --> 00:09:24,000  
bit as the

154  
00:09:29,670 --> 00:09:26,959  
weather in kazakhstan can be uh

155  
00:09:31,190 --> 00:09:29,680  
quite unpleasant during certain times of

156  
00:09:33,350 --> 00:09:31,200  
the year

157  
00:09:35,190 --> 00:09:33,360  
meanwhile canadian space agency

158  
00:09:36,790 --> 00:09:35,200  
astronaut chris hadfield i'm being

159  
00:09:38,630 --> 00:09:36,800  
lowered into his seat now after being

160  
00:09:43,350 --> 00:09:38,640  
extracted from the soyuz craft all three

161  
00:09:43,360 --> 00:09:47,910  
okay do we have everything here

162  
00:09:47,920 --> 00:09:58,710  
all about

163  
00:09:58,720 --> 00:10:37,350

surgeons