



1  
00:00:07,359 --> 00:00:10,790  
this week at nasa

2  
00:00:14,150 --> 00:00:12,390  
and there you see the view of the

3  
00:00:15,509 --> 00:00:14,160  
international space station from the

4  
00:00:19,590 --> 00:00:15,519  
progress

5  
00:00:22,550 --> 00:00:19,600  
to dock with the international space

6  
00:00:23,990 --> 00:00:22,560  
station july 2nd fulfilled its mission

7  
00:00:26,310 --> 00:00:24,000  
two days later

8  
00:00:29,990 --> 00:00:26,320  
the hookup by the unpiloted spacecraft

9  
00:00:32,229 --> 00:00:30,000  
with the iss was completed at 12 17 pm

10  
00:00:34,389 --> 00:00:32,239  
eastern on the 4th of july

11  
00:00:36,709 --> 00:00:34,399  
friday's docking was aborted when the

12  
00:00:39,110 --> 00:00:36,719  
supply craft's telemetry malfunctioned

13  
00:00:41,750 --> 00:00:39,120

about 28 minutes from the station

14

00:00:44,549 --> 00:00:41,760

the progress 38 brought almost 2 tons of

15

00:00:48,630 --> 00:00:44,559

food fuel and other necessities to the

16

00:00:50,950 --> 00:00:48,640

six-member expedition 24 crew

17

00:00:52,069 --> 00:00:50,960

expecting the mechanical contact

18

00:00:56,630 --> 00:00:52,079

confirmed

19

00:00:58,709 --> 00:00:56,640

flight engineers fyodor yurchikhin doug

20

00:01:01,510 --> 00:00:58,719

wheelock and shannon walker had made

21

00:01:04,549 --> 00:01:01,520

room for the resupply ship by relocating

22

00:01:06,710 --> 00:01:04,559

their soyuz tma-19 spacecraft from the

23

00:01:09,910 --> 00:01:06,720

aft end of the station's vista surface

24

00:01:12,149 --> 00:01:09,920

module to the rassvet module this target

25

00:01:14,630 --> 00:01:12,159

is 10 meters

26  
00:01:16,870 --> 00:01:14,640  
commander alexander skvortsov and flight

27  
00:01:19,429 --> 00:01:16,880  
engineers mikhail konyenko and tracy

28  
00:01:22,390 --> 00:01:19,439  
caldwell dyson round out the expedition

29  
00:01:24,789 --> 00:01:22,400  
24 crew that's conducting more than 130

30  
00:01:29,590 --> 00:01:24,799  
experiments in microgravity aboard the

31  
00:01:34,390 --> 00:01:32,390  
all right it was called rock on but

32  
00:01:36,710 --> 00:01:34,400  
instead of head banging or bobbing to

33  
00:01:38,950 --> 00:01:36,720  
the beat college students attending this

34  
00:01:41,590 --> 00:01:38,960  
week-long workshop at the wallops flight

35  
00:01:43,749 --> 00:01:41,600  
facility put their heads together with

36  
00:01:46,710 --> 00:01:43,759  
their professors to build and ready

37  
00:01:49,590 --> 00:01:46,720  
experiments for suborbital space flight

38  
00:01:50,630 --> 00:01:49,600

we designed circuit boards

39

00:01:52,069 --> 00:01:50,640

out

40

00:01:54,230 --> 00:01:52,079

ourselves which normally they come

41

00:01:56,550 --> 00:01:54,240

pre-made in your computers or you know

42

00:01:58,149 --> 00:01:56,560

other devices however we actually build

43

00:01:59,830 --> 00:01:58,159

and took the pieces and soldered them

44

00:02:02,310 --> 00:01:59,840

together and we had to make sure they

45

00:02:04,709 --> 00:02:02,320

functioned properly the participants

46

00:02:06,950 --> 00:02:04,719

from across the country and puerto rico

47

00:02:16,229 --> 00:02:06,960

placed their completed payloads inside a

48

00:02:18,949 --> 00:02:18,229

incredible it's the third time i've seen

49

00:02:24,550 --> 00:02:18,959

it

50

00:02:26,949 --> 00:02:24,560

we're here following the flight that

51  
00:02:29,110 --> 00:02:26,959  
took their experiment 75 miles into the

52  
00:02:31,750 --> 00:02:29,120  
atmosphere the attendees conducted

53  
00:02:33,350 --> 00:02:31,760  
preliminary data analysis and discussed

54  
00:02:36,630 --> 00:02:33,360  
the results it was amazing it was

55  
00:02:39,190 --> 00:02:36,640  
incredible a lot better than i expected

56  
00:02:40,390 --> 00:02:39,200  
it's first launch i've ever been to but

57  
00:02:42,790 --> 00:02:40,400  
definitely

58  
00:02:45,110 --> 00:02:42,800  
very exciting also on the rocket was a

59  
00:02:47,430 --> 00:02:45,120  
payload canister called rock set

60  
00:02:49,589 --> 00:02:47,440  
containing 11 experiments similarly

61  
00:02:52,390 --> 00:02:49,599  
built at the two annual rock on

62  
00:02:54,630 --> 00:02:52,400  
workshops already held at wallops the

63  
00:02:56,550 --> 00:02:54,640

program is funded by nasa's national

64

00:02:59,430 --> 00:02:56,560

space grant college and fellowship

65

00:03:01,990 --> 00:02:59,440

program in partnership with the colorado

66

00:03:04,149 --> 00:03:02,000

and virginia space grant consortium

67

00:03:05,830 --> 00:03:04,159

thanks for this opportunity anyone who's

68

00:03:07,830 --> 00:03:05,840

out there you know hoping to do

69

00:03:09,990 --> 00:03:07,840

something like this i highly recommend

70

00:03:12,309 --> 00:03:10,000

rock on rockstat you can't beat it it's

71

00:03:14,149 --> 00:03:12,319

a great feeling

72

00:03:16,790 --> 00:03:14,159

these middle school students found

73

00:03:19,430 --> 00:03:16,800

something on mars that astronomers had

74

00:03:22,229 --> 00:03:19,440

overlooked using the camera on nasa's

75

00:03:23,990 --> 00:03:22,239

mars odyssey orbiter the seventh graders

76

00:03:26,229 --> 00:03:24,000

from evergreen middle school in

77

00:03:29,990 --> 00:03:26,239

cottonwood california explored the

78

00:03:32,550 --> 00:03:30,000

martian surface and discovered this cave

79

00:03:34,949 --> 00:03:32,560

nasa's mars student imaging program made

80

00:03:37,350 --> 00:03:34,959

it possible it allows classrooms

81

00:03:39,509 --> 00:03:37,360

nationwide to conduct planetary

82

00:03:41,830 --> 00:03:39,519

exploration by specifying where

83

00:03:43,990 --> 00:03:41,840

odyssey's camera should train its lens

84

00:03:46,070 --> 00:03:44,000

the program is run by arizona state

85

00:03:50,229 --> 00:03:46,080

university and the jet propulsion

86

00:03:55,350 --> 00:03:52,550

the apollo command module used for the

87

00:03:57,589 --> 00:03:55,360

skylab 3 mission has a new home

88

00:03:59,589 --> 00:03:57,599

the module now serves as a stunning

89

00:04:02,229 --> 00:03:59,599

centerpiece among the more than 40

90

00:04:09,670 --> 00:04:02,239

exhibits and artifacts housed at the

91

00:04:15,429 --> 00:04:13,110

launched in 1973 skylab was the united

92

00:04:18,229 --> 00:04:15,439

states first space station

93

00:04:21,189 --> 00:04:18,239

three three-man missions skylab two

94

00:04:23,670 --> 00:04:21,199

three and four conducted nearly 300

95

00:04:25,590 --> 00:04:23,680

scientific and technical experiments

96

00:04:27,670 --> 00:04:25,600

over the next six years

97

00:04:30,629 --> 00:04:27,680

the crews visited sky lab and returned

98

00:04:33,189 --> 00:04:30,639

to earth in apollo spacecraft

99

00:04:35,350 --> 00:04:33,199

skylab missions proved that astronauts

100

00:04:37,909 --> 00:04:35,360

could live and work in space for long

101  
00:04:39,909 --> 00:04:37,919  
periods of time laying the groundwork

102  
00:04:42,950 --> 00:04:39,919  
for the longer duration missions of the

103  
00:04:45,990 --> 00:04:42,960  
international space station for a time

104  
00:04:48,550 --> 00:04:46,000  
the skylab 3 crew of alan bean owen

105  
00:04:50,790 --> 00:04:48,560  
garriott and jack lausma held nine

106  
00:04:52,870 --> 00:04:50,800  
international records for spacewalks and

107  
00:04:55,270 --> 00:04:52,880  
time spent in space

108  
00:04:57,270 --> 00:04:55,280  
nearly 90 000 people have passed through

109  
00:05:03,029 --> 00:04:57,280  
the doors of the glenn visitor center

110  
00:05:07,510 --> 00:05:05,430  
the annual celebrate goddard day was

111  
00:05:09,909 --> 00:05:07,520  
held on the space flight center's campus

112  
00:05:12,310 --> 00:05:09,919  
in greenbelt maryland the event pays

113  
00:05:15,510 --> 00:05:12,320

tribute to goddard's diverse and unique

114

00:05:17,990 --> 00:05:15,520

workforce and its legacy of success

115

00:05:21,430 --> 00:05:18,000

this year's theme was goddard uniting

116

00:05:24,230 --> 00:05:21,440

people understanding our world exhibits

117

00:05:26,950 --> 00:05:24,240

a car show tours and the first ever

118

00:05:29,110 --> 00:05:26,960

celebrate goddard day parade were all

119

00:05:31,189 --> 00:05:29,120

part of the day's entertainment the

120

00:05:34,870 --> 00:05:31,199

festivities also commemorated the hubble

121

00:05:36,550 --> 00:05:34,880

space telescope's 20th anniversary

122

00:05:39,510 --> 00:05:36,560

we're honored today to have

123

00:05:42,150 --> 00:05:39,520

our colleagues and nasa friends and

124

00:05:45,110 --> 00:05:42,160

high-flying ones back with us from st

125

00:05:47,430 --> 00:05:45,120

the sts-132 crew traveled to the stennis

126

00:05:49,830 --> 00:05:47,440

space center for a post-flight visit

127

00:05:52,870 --> 00:05:49,840

with employees and their families

128

00:05:55,670 --> 00:05:52,880

commander ken ham pilot tony antonelli

129

00:05:58,469 --> 00:05:55,680

and mission specialists steve bowen mike

130

00:06:00,390 --> 00:05:58,479

good garrett riesman and pierce sellers

131

00:06:02,710 --> 00:06:00,400

shared highlights of their delivery of

132

00:06:04,950 --> 00:06:02,720

an integrated cargo carrier and a

133

00:06:07,230 --> 00:06:04,960

russian-built mini research module to

134

00:06:10,870 --> 00:06:07,240

the international space station

135

00:06:13,670 --> 00:06:10,880

sts-132 launched on may 14 and returned

136

00:06:16,230 --> 00:06:13,680

to kennedy space center 12 days later to

137

00:06:18,070 --> 00:06:16,240

conclude the last scheduled voyage of

138

00:06:19,909 --> 00:06:18,080

space shuttle atlantis the legacy of

139

00:06:22,390 --> 00:06:19,919

atlanta is now in the history books

140

00:06:24,550 --> 00:06:22,400

after the presentation the crew posed

141

00:06:26,870 --> 00:06:24,560

for pictures with stennis employees and

142

00:06:32,550 --> 00:06:26,880

their families at the center's popular

143

00:06:37,189 --> 00:06:34,790

scores of young faces were seen at the

144

00:06:39,990 --> 00:06:37,199

dryden flight research center on take

145

00:06:42,150 --> 00:06:40,000

your children to work day about 150

146

00:06:44,309 --> 00:06:42,160

children of employees got a feel for

147

00:06:47,029 --> 00:06:44,319

what it's like to work at triton touring

148

00:06:51,749 --> 00:06:47,039

shops and hangers checking out aircraft

149

00:06:56,469 --> 00:06:54,390

they also launched a weather balloon

150

00:06:59,189 --> 00:06:56,479

participated in an ejection seat

151

00:07:01,350 --> 00:06:59,199

demonstration and even sampled dried

152

00:07:03,430 --> 00:07:01,360

food products eaten by astronauts on

153

00:07:06,550 --> 00:07:03,440

space missions by sharing these

154

00:07:08,950 --> 00:07:06,560

experiences parents and nasa hope to

155

00:07:11,350 --> 00:07:08,960

open young eyes to career possibilities

156

00:07:14,390 --> 00:07:11,360

in the world of aerospace and that's