



1
00:00:07,590 --> 00:00:04,470
from the first grainy pictures of earth

2
00:00:10,709 --> 00:00:07,600
to today's high definition imagery

3
00:00:15,190 --> 00:00:10,719
nasa tv has provided the world with a

4
00:00:18,150 --> 00:00:16,470
i think that's one of the best things we

5
00:00:20,310 --> 00:00:18,160
ever we ever did in the space program

6
00:00:22,390 --> 00:00:20,320
one of the best decisions ever made

7
00:00:24,310 --> 00:00:22,400
with regard to the space program was uh

8
00:00:32,870 --> 00:00:24,320
to share that with the world

9
00:00:37,670 --> 00:00:35,670
this kind of footage is a major

10
00:00:39,510 --> 00:00:37,680
wonderful major accomplishment

11
00:00:41,990 --> 00:00:39,520
and for people to be able to see this i

12
00:00:44,389 --> 00:00:42,000
think it's just absolutely exhilarating

13
00:00:46,869 --> 00:00:44,399

not a tv channel or network

14

00:00:49,029 --> 00:00:46,879

nasa television is a service that helps

15

00:00:51,270 --> 00:00:49,039

assure the mission success of the space

16

00:00:53,110 --> 00:00:51,280

shuttle and international space station

17

00:00:55,670 --> 00:00:53,120

programs and

18

00:00:58,310 --> 00:00:55,680

safety of their astronauts one

19

00:01:00,470 --> 00:00:58,320

and liftoff of space shuttle discovery

20

00:01:03,830 --> 00:01:00,480

beginning america's new journey to the

21

00:01:06,429 --> 00:01:03,840

moon mars and beyond and the vehicle has

22

00:01:07,990 --> 00:01:06,439

cleared the tower such as on

23

00:01:09,990 --> 00:01:08,000

sts-114

24

00:01:12,469 --> 00:01:10,000

the space shuttle's return to flight

25

00:01:14,149 --> 00:01:12,479

mission after the columbia disaster just

26
00:01:16,230 --> 00:01:14,159
you know we have a great downlink of

27
00:01:17,510 --> 00:01:16,240
steve's wps right now we're really

28
00:01:20,230 --> 00:01:17,520
enjoying the view

29
00:01:23,030 --> 00:01:20,240
the live video provided by nasa tv's

30
00:01:24,789 --> 00:01:23,040
robust communications infrastructure

31
00:01:27,429 --> 00:01:24,799
helped ground controllers guide

32
00:01:29,670 --> 00:01:27,439
astronaut steve robinson as he plucked a

33
00:01:31,190 --> 00:01:29,680
protruding gap filler from discovery's

34
00:01:33,030 --> 00:01:31,200
underbelly

35
00:01:36,550 --> 00:01:33,040
okay i'm grabbing it and i'm pulling

36
00:01:41,109 --> 00:01:39,190
beautiful nicely downstairs

37
00:01:43,350 --> 00:01:41,119
on sts-120

38
00:01:46,469 --> 00:01:43,360

ground-based engineers could watch on

39

00:01:49,030 --> 00:01:46,479

nasa television as astronauts dan tawney

40

00:01:52,950 --> 00:01:49,040

and scott parazynski worked outside the

41

00:01:55,350 --> 00:01:52,960

iss to successfully free a snagged solar

42

00:01:57,350 --> 00:01:55,360

array we've got deployed discretely to

43

00:01:58,870 --> 00:01:57,360

deploy the streets

44

00:02:00,069 --> 00:01:58,880

all right

45

00:02:02,389 --> 00:02:00,079

great news

46

00:02:04,709 --> 00:02:02,399

beautiful what an accomplishment

47

00:02:06,550 --> 00:02:04,719

nice teamwork and on the final space

48

00:02:09,669 --> 00:02:06,560

shuttle mission to service the hubble

49

00:02:12,150 --> 00:02:09,679

space telescope mission control could

50

00:02:16,229 --> 00:02:12,160

see the problem encountered by astronaut

51

00:02:20,630 --> 00:02:18,949

but i think it's the gasket

52

00:02:21,430 --> 00:02:20,640

i think the gasket is kind of keeping it

53

00:02:26,229 --> 00:02:21,440

off

54

00:02:28,949 --> 00:02:26,239

at a picture we think one option would

55

00:02:30,949 --> 00:02:28,959

be to take it off completely and flip it

56

00:02:33,430 --> 00:02:30,959

over and try to roll that edge of the

57

00:02:36,309 --> 00:02:33,440

gasket of course it wasn't always this

58

00:02:38,390 --> 00:02:36,319

is such a device as the lunar tv camera

59

00:02:40,070 --> 00:02:38,400

does one really exist

60

00:02:42,470 --> 00:02:40,080

well judge for yourself

61

00:02:45,030 --> 00:02:42,480

on my right is a monitor in which the

62

00:02:46,869 --> 00:02:45,040

signal from the actual lunar camera is

63

00:02:50,309 --> 00:02:46,879

being received

64
00:02:52,470 --> 00:02:50,319
no redundancy no second camera so it was

65
00:02:54,630 --> 00:02:52,480
going to be one camera on the moon with

66
00:02:55,830 --> 00:02:54,640
one little wire going back

67
00:02:57,270 --> 00:02:55,840
and that was it

68
00:02:59,030 --> 00:02:57,280
honeystop got a converter they would

69
00:03:00,949 --> 00:02:59,040
convert send to signal sydney parks

70
00:03:02,710 --> 00:03:00,959
didn't have a converter they would send

71
00:03:04,149 --> 00:03:02,720
what's called the sliscan tv down to

72
00:03:05,830 --> 00:03:04,159
sydney where we had our guys with the

73
00:03:07,910 --> 00:03:05,840
converter and then they would select the

74
00:03:09,830 --> 00:03:07,920
best source and send it out to nlsat to

75
00:03:11,750 --> 00:03:09,840
come to california to come to houston

76
00:03:13,830 --> 00:03:11,760
and it only took one guy with one patch

77
00:03:16,229 --> 00:03:13,840
to kill this whole event

78
00:03:18,869 --> 00:03:16,239
richard nafske was the one nasa

79
00:03:21,589 --> 00:03:18,879
engineer most responsible for getting

80
00:03:24,309 --> 00:03:21,599
live pictures back from the moon on july

81
00:03:26,789 --> 00:03:24,319
20th 1969.

82
00:03:28,229 --> 00:03:26,799
once we landed safely the only thing

83
00:03:32,710 --> 00:03:28,239
that counted was

84
00:03:37,509 --> 00:03:35,190
the tv better worker else and if it

85
00:03:39,270 --> 00:03:37,519
doesn't they really will know who i am

86
00:03:50,710 --> 00:03:39,280
because i'll be the man who didn't bring

87
00:03:55,830 --> 00:03:53,429
as nasa tv has striven for mission

88
00:03:58,390 --> 00:03:55,840

success it has also produced some

89

00:04:00,550 --> 00:03:58,400

extraordinarily compelling television

90

00:04:13,110 --> 00:04:00,560

while keeping the world informed of and

91

00:04:18,469 --> 00:04:15,910

what was once a single analog part-time

92

00:04:20,870 --> 00:04:18,479

five-day-a-week offering has matured

93

00:04:23,510 --> 00:04:20,880

into a four-channel digital array

94

00:04:25,990 --> 00:04:23,520

including an hd outlet to fulfill the

95

00:04:28,710 --> 00:04:26,000

secondary yet important role of

96

00:04:30,469 --> 00:04:28,720

informing the public of nasa's mission

97

00:04:32,710 --> 00:04:30,479

daily news feeds

98

00:04:33,909 --> 00:04:32,720

press conferences and other special

99

00:04:36,070 --> 00:04:33,919

events

100

00:04:37,270 --> 00:04:36,080

such as on orbit space station

101
00:04:38,950 --> 00:04:37,280
interviews

102
00:04:41,590 --> 00:04:38,960
and the unveiling of the latest

103
00:04:42,870 --> 00:04:41,600
scientific discoveries and developments

104
00:04:45,749 --> 00:04:42,880
in space

105
00:04:48,230 --> 00:04:45,759
climate and aeronautics research

106
00:04:50,150 --> 00:04:48,240
schools museums and other learning

107
00:04:53,189 --> 00:04:50,160
institutions receive programming

108
00:04:56,070 --> 00:04:53,199
dedicated to educating and inspiring our

109
00:04:58,629 --> 00:04:56,080
next generation of explorers including

110
00:05:02,629 --> 00:04:58,639
imagery from mars and other distant

111
00:05:05,110 --> 00:05:02,639
worlds within and beyond our galaxy

112
00:05:07,189 --> 00:05:05,120
free to wear nasa television is carried

113
00:05:09,189 --> 00:05:07,199

by hundreds of cable and satellite

114

00:05:11,029 --> 00:05:09,199

service providers throughout the us and

115

00:05:13,029 --> 00:05:11,039

canada

116

00:05:17,189 --> 00:05:13,039

each of its three standard definition

117

00:05:19,590 --> 00:05:17,199

channels public media and education can

118

00:05:22,070 --> 00:05:19,600

be seen 24 hours a day

119

00:05:24,830 --> 00:05:22,080

seven days a week on the nasa tv

120

00:05:26,550 --> 00:05:24,840

homepage at the agency's website

121

00:05:29,029 --> 00:05:26,560

nasa.gov

122

00:05:31,029 --> 00:05:29,039

the nasa television channel on youtube

123

00:05:33,350 --> 00:05:31,039

is one of the world's most visited in

124

00:05:36,310 --> 00:05:33,360

its category and an ever-growing

125

00:05:39,670 --> 00:05:36,320

presence on twitter facebook and other

126

00:05:41,909 --> 00:05:39,680

social media brings new viewers daily

127

00:05:45,110 --> 00:05:41,919

two-time emmy award-winning nasa

128

00:05:48,469 --> 00:05:45,120

television keeping our heroes safe

129

00:05:51,110 --> 00:05:48,479

america and the world inspired

130

00:05:53,510 --> 00:05:51,120

hi this is neil armstrong hi i'm jim

131

00:05:55,430 --> 00:05:53,520

cameron hello i'm buzz aldrin i'm

132

00:05:57,110 --> 00:05:55,440

michelle nichols i'm scott kelly

133

00:05:59,350 --> 00:05:57,120

commander of the international space

134

00:06:01,430 --> 00:05:59,360

station i'm mary j blige i'm shannon

135

00:06:03,830 --> 00:06:01,440

walker with the expedition 25 crew i'm

136

00:06:06,469 --> 00:06:03,840

leonard nimoy i'm alexander kaleri from

137

00:06:07,830 --> 00:06:06,479

expedition 26 crew hi i'm alexander

138

00:06:09,590 --> 00:06:07,840

we're the tunnels from orange county

139

00:06:11,189 --> 00:06:09,600

shoppers hi i'm scott backhill hey this