



1  
00:00:04,950 --> 00:00:03,750  
hi i'm chris ferguson coming to you from

2  
00:00:07,670 --> 00:00:04,960  
the flight deck of the space shuttle

3  
00:00:09,430 --> 00:00:07,680  
atlantis orbiting at an altitude of 220

4  
00:00:10,549 --> 00:00:09,440  
miles docked to the international space

5  
00:00:12,390 --> 00:00:10,559  
station

6  
00:00:14,629 --> 00:00:12,400  
the space shuttle was born over 30 years

7  
00:00:16,470 --> 00:00:14,639  
ago as a reusable space plane in the

8  
00:00:18,230 --> 00:00:16,480  
ensuing 30 years it's deployed great

9  
00:00:20,230 --> 00:00:18,240  
observatories it's taught us how to live

10  
00:00:21,910 --> 00:00:20,240  
and work in low earth orbit and most

11  
00:00:24,150 --> 00:00:21,920  
recently it's helped us construct the

12  
00:00:25,910 --> 00:00:24,160  
international space station its image is

13  
00:00:27,750 --> 00:00:25,920

iconic you cannot go anywhere in the

14

00:00:30,310 --> 00:00:27,760

world without recognizing a picture of a

15

00:00:35,670 --> 00:00:30,320

space shuttle

16

00:00:37,910 --> 00:00:35,680

plane and a glider all rolled into one

17

00:00:40,630 --> 00:00:37,920

our good ship atlantis has made 33 trips

18

00:00:41,990 --> 00:00:40,640

into space it has visited the mir

19

00:00:44,549 --> 00:00:42,000

space station

20

00:00:45,990 --> 00:00:44,559

it has visited the hubble telescope

21

00:00:48,069 --> 00:00:46,000

and it has made many trips to the

22

00:00:49,750 --> 00:00:48,079

international space station and it has a

23

00:00:51,189 --> 00:00:49,760

distinct honor of being the last space

24

00:00:53,110 --> 00:00:51,199

shuttle to visit

25

00:00:55,189 --> 00:00:53,120

our beloved iss

26  
00:00:58,549 --> 00:00:55,199  
we look forward to bringing her home in

27  
00:00:59,990 --> 00:00:58,559  
just a few short days

28  
00:01:02,310 --> 00:01:00,000  
the space shuttle program has been an

29  
00:01:03,750 --> 00:01:02,320  
inspiration to our entire country

30  
00:01:05,109 --> 00:01:03,760  
when you watch the space shuttle takeoff

31  
00:01:06,870 --> 00:01:05,119  
you can't help but be proud of your

32  
00:01:09,190 --> 00:01:06,880  
country that can take this magnificent

33  
00:01:10,870 --> 00:01:09,200  
machine and launch into space at 25

34  
00:01:12,469 --> 00:01:10,880  
times the speed of sound

35  
00:01:15,190 --> 00:01:12,479  
we're also inspired by the entire

36  
00:01:17,030 --> 00:01:15,200  
spaceops team the trainers the planners

37  
00:01:19,350 --> 00:01:17,040  
and the flight controllers who make the

38  
00:01:21,109 --> 00:01:19,360

impossible possible space shuttle is

39

00:01:23,030 --> 00:01:21,119

also an inspiration to children who are

40

00:01:25,350 --> 00:01:23,040

inspired to study math and science and

41

00:01:27,510 --> 00:01:25,360

pursue technical areas

42

00:01:29,429 --> 00:01:27,520

we also like to recognize the fact that

43

00:01:30,870 --> 00:01:29,439

the space shuttle has really brought out

44

00:01:32,789 --> 00:01:30,880

the international cooperation in the

45

00:01:34,630 --> 00:01:32,799

space program started out by going to

46

00:01:36,390 --> 00:01:34,640

the shuttle mirror program where we had

47

00:01:38,550 --> 00:01:36,400

initially initiated our cooperation with

48

00:01:39,910 --> 00:01:38,560

the russians and since then of course it

49

00:01:41,670 --> 00:01:39,920

has been the keystone of the

50

00:01:43,350 --> 00:01:41,680

international space station program

51  
00:01:45,270 --> 00:01:43,360  
bringing up modules from many countries

52  
00:01:46,870 --> 00:01:45,280  
and allowing cosmonauts and astronauts

53  
00:01:49,590 --> 00:01:46,880  
from different countries to fly together

54  
00:01:53,429 --> 00:01:51,270  
because of the capabilities of the space

55  
00:01:55,749 --> 00:01:53,439  
shuttle with its ability to fly up to

56  
00:01:57,910 --> 00:01:55,759  
seven people and it's very large working

57  
00:01:59,830 --> 00:01:57,920  
in living volume it's increased the

58  
00:02:01,429 --> 00:01:59,840  
possibilities and opportunities for not

59  
00:02:03,429 --> 00:02:01,439  
for all kinds of people to fly on the

60  
00:02:05,990 --> 00:02:03,439  
shuttle scientists engineers from

61  
00:02:07,590 --> 00:02:06,000  
america and from other countries as well

62  
00:02:09,270 --> 00:02:07,600  
through these many many flights we've

63  
00:02:11,830 --> 00:02:09,280

gained a lot of experience and knowledge

64

00:02:13,589 --> 00:02:11,840

about how to adapt and work in space and

65

00:02:16,150 --> 00:02:13,599

we'll be able to take this knowledge as

66

00:02:17,430 --> 00:02:16,160

we pursue goals beyond low earth orbit

67

00:02:18,869 --> 00:02:17,440

we have to remember though this

68

00:02:21,270 --> 00:02:18,879

knowledge should not come without some

69

00:02:22,550 --> 00:02:21,280

painful loss of colleagues but we know

70

00:02:24,470 --> 00:02:22,560

that they too

71

00:02:26,309 --> 00:02:24,480

will be very excited to learn that the

72

00:02:28,070 --> 00:02:26,319

information and experience gained from

73

00:02:30,550 --> 00:02:28,080

all the space shuttle flights will be

74

00:02:32,550 --> 00:02:30,560

used to carry mankind beyond low earth

75

00:02:36,150 --> 00:02:32,560

orbit to moon mars or perhaps an

76

00:02:41,030 --> 00:02:38,949

behind us is a flag that flew on sts-1

77

00:02:43,110 --> 00:02:41,040

we are honored and privileged to return

78

00:02:45,110 --> 00:02:43,120

it to space once again on the final

79

00:02:46,949 --> 00:02:45,120

space shuttle mission in a few short

80

00:02:48,390 --> 00:02:46,959

days we'll prepare to undock from the

81

00:02:50,790 --> 00:02:48,400

international space station for the

82

00:02:52,869 --> 00:02:50,800

final time we'd like to present this

83

00:02:54,470 --> 00:02:52,879

flag along with a few other small

84

00:02:56,309 --> 00:02:54,480

mementos of the space shuttle's

85

00:02:58,309 --> 00:02:56,319

contribution to the construction of the

86

00:02:59,430 --> 00:02:58,319

international space station so that they

87

00:03:01,030 --> 00:02:59,440

may

88

00:03:03,589 --> 00:03:01,040

be a permanent

89

00:03:05,270 --> 00:03:03,599

presence on the space station for

90

00:03:06,949 --> 00:03:05,280

generations to come

91

00:03:08,869 --> 00:03:06,959

in a few short years the united states

92

00:03:12,070 --> 00:03:08,879

will launch its own indigenous vehicle

93

00:03:14,390 --> 00:03:12,080

once again we want to return this flag

94

00:03:16,710 --> 00:03:14,400

back to earth with that vehicle when it

95

00:03:18,790 --> 00:03:16,720

comes again only to be returned to space

96

00:03:21,030 --> 00:03:18,800

once again when we leave low earth orbit

97

00:03:23,750 --> 00:03:21,040

and return to a lunar asteroid or

98

00:03:26,149 --> 00:03:23,760

perhaps martian destination

99

00:03:28,309 --> 00:03:26,159

from the flight deck of atlantis

100

00:03:30,630 --> 00:03:28,319

the crew of sts-135

101

00:03:32,550 --> 00:03:30,640

wishes all the workers who contributed

102

00:03:34,869 --> 00:03:32,560

to the space shuttle program