



1
00:00:49,590 --> 00:00:46,529
two and a half years of tireless

2
00:00:51,180 --> 00:00:49,600
dedication the commitment and effort of

3
00:00:54,240 --> 00:00:51,190
countless individuals focused on a

4
00:00:56,099 --> 00:00:54,250
single goal the safe return to flight on

5
00:01:00,299 --> 00:00:56,109
the space shuttle discovery and her crew

6
00:01:02,130 --> 00:01:00,309
of five the STS 26 mission will be much

7
00:01:04,130 --> 00:01:02,140
more than the test of a space flight

8
00:01:06,990 --> 00:01:04,140
vehicle it would be the ultimate

9
00:01:30,580 --> 00:01:07,000
verification of human determination and

10
00:01:35,780 --> 00:01:33,440
never before had NASA undertaken a

11
00:01:37,609 --> 00:01:35,790
challenge of this magnitude although

12
00:01:39,760 --> 00:01:37,619
accomplishment and excellence had always

13
00:01:42,230 --> 00:01:39,770

been synonymous with the space program

14

00:01:44,240 --> 00:01:42,240

America's aerospace and scientific

15

00:01:47,800 --> 00:01:44,250

community was faced with the task of

16

00:01:53,359 --> 00:01:47,810

rebuilding it and rebuild it they did

17

00:01:55,609 --> 00:01:53,369

fire the responsibility for providing a

18

00:01:57,499 --> 00:01:55,619

safe and reliable propulsion system for

19

00:02:00,139 --> 00:01:57,509

the shuttle rested with the people of

20

00:02:01,999 --> 00:02:00,149

the Marshall Space Flight Center their

21

00:02:04,040 --> 00:02:02,009

job would require every bit of the

22

00:02:07,130 --> 00:02:04,050

technological and management expertise

23

00:02:10,990 --> 00:02:07,140

they could muster and every ounce of

24

00:02:16,340 --> 00:02:11,000

personal dedication redesign and certify

25

00:02:18,020 --> 00:02:16,350

test and retest check and recheck one of

26

00:02:21,110 --> 00:02:18,030

the most aggressive and comprehensive

27

00:02:25,610 --> 00:02:21,120

test programs industry we have a goal

28

00:02:28,030 --> 00:02:25,620

for main engine start 76 we have main

29

00:02:31,850 --> 00:02:28,040

engine start

30

00:02:34,369 --> 00:02:31,860

up and running although this process

31

00:02:36,290 --> 00:02:34,379

would not be easy their efforts would

32

00:02:40,250 --> 00:02:36,300

culminate with several successful key

33

00:02:49,650 --> 00:02:40,260

system tests each one moving NASA a step

34

00:02:55,650 --> 00:02:52,860

have faith in progress the preparations

35

00:02:57,270 --> 00:02:55,660

had seemed overwhelming at times and the

36

00:02:59,460 --> 00:02:57,280

attention and scrutiny of the entire

37

00:03:01,920 --> 00:02:59,470

nation had been focused on NASA's

38

00:03:04,230 --> 00:03:01,930

day-to-day activities at Cape Canaveral

39

00:03:06,120 --> 00:03:04,240

today the result has been new testing

40

00:03:07,980 --> 00:03:06,130

programs and redesign so far so good

41

00:03:09,420 --> 00:03:07,990

that's the words that I could satellite

42

00:03:11,250 --> 00:03:09,430

report ready from the Kennedy Space

43

00:03:13,650 --> 00:03:11,260

Center which the people who make things

44

00:03:15,450 --> 00:03:13,660

happen engineers right here at the

45

00:03:17,250 --> 00:03:15,460

Marshall Space Flight Center but

46

00:03:20,160 --> 00:03:17,260

eventually the modifications and

47

00:03:23,820 --> 00:03:20,170

improvements were made the long hours

48

00:03:27,810 --> 00:03:23,830

and hard work had been invested the time

49

00:03:29,130 --> 00:03:27,820

had come just over 36 hours now before

50

00:03:31,290 --> 00:03:29,140

the scheduled launch of the space

51
00:03:33,630 --> 00:03:31,300
shuttle discovery and the countdown does

52
00:03:35,580 --> 00:03:33,640
continue the world would once again be

53
00:03:37,830 --> 00:03:35,590
looking to the activities now taking

54
00:03:53,220 --> 00:03:37,840
place on the historic eastern coast of

55
00:03:59,350 --> 00:03:56,470
these five men would carry the hopes and

56
00:04:01,210 --> 00:03:59,360
dreams of every American citizen into

57
00:04:02,830 --> 00:04:01,220
space with them the Mission Control

58
00:04:06,039 --> 00:04:02,840
teams ready I know the launch control

59
00:04:09,970 --> 00:04:06,049
team here and the Florida's ready the

60
00:04:12,009 --> 00:04:09,980
bird is ready and we're ready as in the

61
00:04:14,920 --> 00:04:12,019
past the public would once again rally

62
00:04:18,039 --> 00:04:14,930
behind the space program support was

63
00:04:19,539 --> 00:04:18,049

evident at every turn go discovery I

64

00:04:20,949 --> 00:04:19,549

think everybody's waiting to fly

65

00:04:22,960 --> 00:04:20,959

tomorrow and just sit there and cheer

66

00:04:25,900 --> 00:04:22,970

green ribbons were everywhere and

67

00:04:28,300 --> 00:04:25,910

wherever we go to eat and stop or

68

00:04:30,730 --> 00:04:28,310

anywhere on the street people have green

69

00:04:34,810 --> 00:04:30,740

ribbons on for go for discovery White

70

00:04:36,490 --> 00:04:34,820

Rock 99.3 FM is w lr q cocoa good

71

00:04:37,930 --> 00:04:36,500

afternoon I'm John Robbins were coming

72

00:04:39,279 --> 00:04:37,940

up very shortly on the launch of

73

00:04:41,320 --> 00:04:39,289

discovery and I tell you the phone lines

74

00:04:43,060 --> 00:04:41,330

of Jessamine jammed for local artist

75

00:04:44,920 --> 00:04:43,070

Kenny Michaels song which has been

76
00:04:46,719 --> 00:04:44,930
chosen by the tourism and development

77
00:04:50,379 --> 00:04:46,729
council as the official song for the

78
00:04:53,980 --> 00:04:50,389
launch of discovery here's fly on mon

79
00:04:58,210 --> 00:04:53,990
light rock 99.3 FM now let's go

80
00:05:01,180 --> 00:04:58,220
discovery I'm extremely proud of this

81
00:05:03,670 --> 00:05:01,190
team and all the members of this this

82
00:05:06,430 --> 00:05:03,680
NASA family we're ready the shuttle

83
00:05:10,270 --> 00:05:06,440
stack is ready discovery is ready and

84
00:05:12,100 --> 00:05:10,280
tomorrow the shuttle should return to

85
00:05:15,070 --> 00:05:12,110
his proper place in the sky and launch

86
00:05:20,110 --> 00:05:15,080
us into a new era of manned flight

87
00:05:20,120 --> 00:05:58,390
STS 26 was go

88
00:06:03,760 --> 00:06:00,550

this is shuttle launch control at

89

00:06:06,100 --> 00:06:03,770

t-minus three hours and holding Matt the

90

00:06:08,080 --> 00:06:06,110

test director Frank Marino has been in

91

00:06:10,390 --> 00:06:08,090

contact with personnel over at the

92

00:06:12,460 --> 00:06:10,400

astronaut quarters and has given them

93

00:06:14,770 --> 00:06:12,470

permission to wake the flight crew in

94

00:06:28,700 --> 00:06:14,780

preparation for this morning's launch of

95

00:06:34,980 --> 00:06:32,400

the crew has a wide variety of breakfast

96

00:06:37,830 --> 00:06:34,990

items to choose from ranging from cold

97

00:06:52,420 --> 00:06:37,840

cereal to steak and eggs juice milk and

98

00:06:52,430 --> 00:07:04,890

go

99

00:07:04,900 --> 00:07:21,999

birdie

100

00:07:29,540 --> 00:07:27,290

he will be italiana now and then we

101
00:07:32,390 --> 00:07:29,550
going fun would like to go over one more

102
00:07:38,900 --> 00:07:32,400
thing Walker nothing yet ago and we'll

103
00:07:46,090 --> 00:07:44,120
September 29 1988 thousands gathered

104
00:07:48,910 --> 00:07:46,100
together to witness the historic event

105
00:07:57,440 --> 00:07:48,920
across the country and around the world

106
00:08:02,990 --> 00:07:57,450
all eyes were on pad 39b t-minus 15 14

107
00:08:24,550 --> 00:08:03,000
13 12 11 10 we're go for main engine

108
00:08:42,860 --> 00:08:27,410
Americans return to the phases discovery

109
00:08:48,590 --> 00:08:42,870
cleared the tower roll discovery know

110
00:08:51,830 --> 00:08:48,600
what drama I think everybody was very

111
00:08:54,590 --> 00:08:51,840
excited about being here and then that

112
00:08:57,200 --> 00:08:54,600
ignition there was a roar in the firing

113
00:08:59,360 --> 00:08:57,210

room where I was and then two minutes

114

00:09:02,240 --> 00:08:59,370

later when we get the SRB separation

115

00:09:04,100 --> 00:09:02,250

command now there was another loud roar

116

00:09:25,540 --> 00:09:04,110

standing by for solid rocket booster

117

00:09:30,860 --> 00:09:28,430

after performing flawlessly during ascent

118

00:09:42,100 --> 00:09:30,870

the redesigned solid rocket boosters

119

00:09:48,440 --> 00:09:45,470

meanwhile the main engines continued to

120

00:09:51,740 --> 00:09:48,450

boost discovery to orbit main engine

121

00:09:53,210 --> 00:09:51,750

cutoff confirm if every three main

122

00:09:58,250 --> 00:09:53,220

engines have now shut down in the

123

00:10:00,139 --> 00:09:58,260

program the external tank concluded the

124

00:10:02,960 --> 00:10:00,149

perfectly executed propulsion sequence

125

00:10:13,460 --> 00:10:02,970

with a fiery re-entry and planned break

126
00:10:17,660 --> 00:10:13,470
up over the Indian Ocean and they settle

127
00:10:19,730 --> 00:10:17,670
the discovery is now in orbit as I

128
00:10:21,050 --> 00:10:19,740
expected NASA in the Marshall Space

129
00:10:23,630 --> 00:10:21,060
Flight Center I believe we're at our

130
00:10:24,920 --> 00:10:23,640
best when things are a little dark if

131
00:10:27,050 --> 00:10:24,930
you go back two and a half years ago

132
00:10:30,050 --> 00:10:27,060
certainly that was the spot we found

133
00:10:32,870 --> 00:10:30,060
ourselves in but as before a lot of hard

134
00:10:35,420 --> 00:10:32,880
work a lot of dedication commitment to

135
00:10:37,880 --> 00:10:35,430
the program paid off this whole thing

136
00:10:39,530 --> 00:10:37,890
has been a total team effort I've never

137
00:10:40,910 --> 00:10:39,540
seen people work so hard as they had in

138
00:10:42,590 --> 00:10:40,920

the last two and a half years to pull

139

00:10:45,530 --> 00:10:42,600

this off and it's you know everybody

140

00:10:47,120 --> 00:10:45,540

should be just extremely proud well I

141

00:10:51,800 --> 00:10:47,130

think I sit there probably a little

142

00:10:54,920 --> 00:10:51,810

white knuckled but again prayer on my in

143

00:10:57,650 --> 00:10:54,930

my heart that flight would be successful

144

00:10:59,780 --> 00:10:57,660

as it was chills when I love my body oh

145

00:11:01,639 --> 00:10:59,790

I want to scream I think ideas scream

146

00:11:03,230 --> 00:11:01,649

I'm glad we're in back in flight again

147

00:11:05,870 --> 00:11:03,240

I'm glad they're up there and I'm glad

148

00:11:08,660 --> 00:11:05,880

that we're starting to experience the

149

00:11:13,030 --> 00:11:08,670

thrill of victory again it was just

150

00:11:18,889 --> 00:11:13,040

great just wonderful it's been too long

151

00:11:22,040 --> 00:11:18,899

unbelievable unbelievable fantastic it's

152

00:11:28,550 --> 00:11:22,050

great to be back it means more does then

153

00:11:31,519 --> 00:11:28,560

we can really describe we all the people

154

00:11:35,509 --> 00:11:31,529

that did that so much they worked so

155

00:11:39,900 --> 00:11:35,519

hard for so long and it means so much to

156

00:11:42,850 --> 00:11:39,910

to this Center into this country

157

00:11:44,560 --> 00:11:42,860

during the next four days NASA would

158

00:11:47,290 --> 00:11:44,570

demonstrate that the entire space

159

00:11:54,430 --> 00:11:47,300

transportation system was indeed ready

160

00:11:55,750 --> 00:11:54,440

to resume flight operations sts 26 would

161

00:12:01,090 --> 00:11:55,760

provide the country with an opportunity

162

00:12:03,430 --> 00:12:01,100

to relive the dream a time to re-examine

163

00:12:07,930 --> 00:12:03,440

the reasons we must continue to explore

164

00:12:10,600 --> 00:12:07,940

and utilize the resource of space a time

165

00:12:14,790 --> 00:12:10,610

to again experience it's awesome beauty

166

00:12:18,070 --> 00:12:14,800

and to reflect upon its ultimate risk

167

00:12:20,740 --> 00:12:18,080

today up here where the blue sky turns

168

00:12:24,880 --> 00:12:20,750

to black we can say at long last too

169

00:12:27,730 --> 00:12:24,890

thick Mike duty to line a now at the

170

00:12:29,680 --> 00:12:27,740

Christmas break girlfriends we have

171

00:12:33,040 --> 00:12:29,690

resumed the journey so we promise to

172

00:12:34,480 --> 00:12:33,050

continue for you dear friends your loss

173

00:12:37,900 --> 00:12:34,490

has meant that we could confidently

174

00:12:40,510 --> 00:12:37,910

beginning in dear friends your spirit

175

00:12:46,740 --> 00:12:40,520

and your dream are still alive in our

176

00:12:51,280 --> 00:12:49,230

flight dynamics officer reports

177

00:12:59,319 --> 00:12:51,290

discovery looking good rolling on to

178

00:13:01,420 --> 00:12:59,329

file but maybe the greatest

179

00:13:03,939 --> 00:13:01,430

accomplishment associated with the STS

180

00:13:06,970 --> 00:13:03,949

26 mission had already been realized

181

00:13:08,860 --> 00:13:06,980

even before launch the team work and

182

00:13:11,949 --> 00:13:08,870

commitment by the men and women of NASA

183

00:13:14,949 --> 00:13:11,959

and its contractors was unequal in scope

184

00:13:17,079 --> 00:13:14,959

and precedent the task held immense

185

00:13:19,780 --> 00:13:17,089

responsibility and would not be without

186

00:13:22,509 --> 00:13:19,790

obstacles but these dedicated people

187

00:13:25,809 --> 00:13:22,519

have overcome obstacles before opening

188

00:13:29,079 --> 00:13:25,819

doors to the future again they responded

189

00:13:31,660 --> 00:13:29,089

a tribute to the vision determination

190

00:13:36,429 --> 00:13:31,670

and ingenuity has made America the

191

00:13:39,129 --> 00:13:36,439

leader in space exploration roger

192

00:13:47,390 --> 00:13:39,139

wheelstop discovery welcome back a great

193

00:13:52,400 --> 00:13:49,940

now with renewed confidence and pride

194

00:13:54,830 --> 00:13:52,410

the future holds new challenges and

195

00:13:56,930 --> 00:13:54,840

expectations with the same dedication

196

00:13:59,180 --> 00:13:56,940

that ensured discoveries successful

197

00:14:02,150 --> 00:13:59,190

return to flight the potential is

198

00:14:05,030 --> 00:14:02,160

unlimited and since success ultimately

199

00:14:11,060 --> 00:14:05,040

depends on people the shuttle program is