



1
00:01:19,850 --> 00:00:38,260

you

2
00:01:28,490 --> 00:01:25,250

all personnel data finding all those

3
00:01:30,710 --> 00:01:28,500

sequences about to be initiated all

4
00:01:49,280 --> 00:01:30,720

commands the responses carried Astrakhan

5
00:01:56,330 --> 00:01:53,150

this is Nestle's jhansi Stennis Space

6
00:01:59,530 --> 00:01:56,340

Center in Hancock County Mississippi on

7
00:02:02,840 --> 00:01:59,540

the gulf coast near New Orleans and

8
00:02:22,580 --> 00:02:02,850

installation responsible for testing the

9
00:02:27,180 --> 00:02:25,140

back in the 60s Stennis Space Center

10
00:02:29,520 --> 00:02:27,190

test at the booster stages for the

11
00:02:32,160 --> 00:02:29,530

Saturn five rocket during the Apollo

12
00:02:34,770 --> 00:02:32,170

program in fact there was a note saying

13
00:02:36,680 --> 00:02:34,780

around South Mississippi at that time to

14

00:02:40,950 --> 00:02:36,690

get to the moon you've got to go through

15

00:02:43,080 --> 00:02:40,960

Hancock County Mississippi in 1969

16

00:02:46,110 --> 00:02:43,090

stennis space center employees were

17

00:02:52,580 --> 00:02:46,120

proud as they watched the first American

18

00:02:55,320 --> 00:02:52,590

astronauts walked on the moon since 1975

19

00:02:58,020 --> 00:02:55,330

still as its primary mission has been to

20

00:02:59,850 --> 00:02:58,030

provide the support needed to develop

21

00:03:03,630 --> 00:02:59,860

and flight certify the Space Shuttle

22

00:03:05,790 --> 00:03:03,640

main engines these engines help Alan

23

00:03:09,420 --> 00:03:05,800

shuttle during the first eight and

24

00:03:11,190 --> 00:03:09,430

one-half minutes of flight new modes of

25

00:03:13,650 --> 00:03:11,200

transportation will be needed to meet

26
00:03:16,530 --> 00:03:13,660
President Bush's challenge to establish

27
00:03:19,520 --> 00:03:16,540
a manned lunar outpost with subsequent

28
00:03:23,760 --> 00:03:19,530
human expeditions to Mars by the year

29
00:03:26,130 --> 00:03:23,770
2019 because of its three decades of

30
00:03:29,220 --> 00:03:26,140
testing experience Stennis Space Center

31
00:03:31,710 --> 00:03:29,230
has been designated as NASA's center for

32
00:03:34,530 --> 00:03:31,720
excellence for large propulsion systems

33
00:03:36,360 --> 00:03:34,540
testing this responsibility includes

34
00:03:38,130 --> 00:03:36,370
testing the propulsion system for the

35
00:03:41,760 --> 00:03:38,140
nation's next generation of space

36
00:03:44,699 --> 00:03:41,770
vehicles the new launch system this

37
00:03:47,190 --> 00:03:44,709
unmanned family of vehicles will allow

38
00:03:51,300 --> 00:03:47,200

America to place heavier payloads into

39

00:03:53,250 --> 00:03:51,310

orbit while reducing costs Construction

40

00:03:55,460 --> 00:03:53,260

is proceeding at a new component test

41

00:03:57,870 --> 00:03:55,470

facility to advance turbomachinery

42

00:04:02,940 --> 00:03:57,880

technology for the new launch system and

43

00:04:05,250 --> 00:04:02,950

future space vehicles in 1994 Stennis

44

00:04:07,710 --> 00:04:05,260

plans to test the advanced solid rocket

45

00:04:11,340 --> 00:04:07,720

motor which will play an important role

46

00:04:13,290 --> 00:04:11,350

and deploying Space Station freedom in

47

00:04:15,930 --> 00:04:13,300

the years ahead Stennis Space Center may

48

00:04:18,330 --> 00:04:15,940

play a major role and testing components

49

00:04:20,110 --> 00:04:18,340

and propulsion systems for the national

50

00:04:22,810 --> 00:04:20,120

aerospace plane

51
00:04:26,080 --> 00:04:22,820
today nearly forty three hundred men and

52
00:04:29,050 --> 00:04:26,090
women make up the Stennis workforce with

53
00:04:32,560 --> 00:04:29,060
an annual payroll approximately 257

54
00:04:33,760 --> 00:04:32,570
million dollars this includes NASA 18

55
00:04:37,689 --> 00:04:33,770
other federal and state agencies

56
00:04:40,060 --> 00:04:37,699
universities and the private sector with

57
00:04:42,550 --> 00:04:40,070
still assist expanded roles and tests

58
00:04:46,180 --> 00:04:42,560
technology NASA's Science and Technology

59
00:04:48,340 --> 00:04:46,190
Laboratory focuses its work on using non

60
00:04:51,010 --> 00:04:48,350
intrusive test and evaluation techniques

61
00:04:54,189 --> 00:04:51,020
and supports the sinners environmental

62
00:04:56,379 --> 00:04:54,199
management program the lab also directs

63
00:05:00,460 --> 00:04:56,389

commercial applications of Technology

64

00:05:02,350 --> 00:05:00,470

unitization programs the US Navy is

65

00:05:05,230 --> 00:05:02,360

tennis Space Center's largest resident

66

00:05:07,020 --> 00:05:05,240

agency the commander naval oceanography

67

00:05:09,430 --> 00:05:07,030

command provides oceanographic

68

00:05:11,920 --> 00:05:09,440

meteorological mapping charting and

69

00:05:15,310 --> 00:05:11,930

geodetic support services to fleet

70

00:05:17,320 --> 00:05:15,320

forces worldwide the naval oceanographic

71

00:05:20,860 --> 00:05:17,330

office is responsible for collecting

72

00:05:23,469 --> 00:05:20,870

analyzing and distributing oceanographic

73

00:05:26,740 --> 00:05:23,479

information to support naval operations

74

00:05:28,750 --> 00:05:26,750

and assist maritime commerce the Naval

75

00:05:30,610 --> 00:05:28,760

Research Laboratory is the principal

76

00:05:32,460 --> 00:05:30,620

Navy corporate laboratory performing

77

00:05:36,100 --> 00:05:32,470

oceanographic and atmospheric

78

00:05:38,469 --> 00:05:36,110

environmental research the national data

79

00:05:40,050 --> 00:05:38,479

buoy center an element of NOAA the

80

00:05:42,640 --> 00:05:40,060

National Oceanic and Atmospheric

81

00:05:44,830 --> 00:05:42,650

Administration test the performance of

82

00:05:47,020 --> 00:05:44,840

unmanned weather buoys that collect data

83

00:05:50,860 --> 00:05:47,030

used for weather forecasting public

84

00:05:52,719 --> 00:05:50,870

advisers warnings and research another

85

00:05:55,390 --> 00:05:52,729

element of NOAA the National Marine

86

00:05:57,189 --> 00:05:55,400

fishery service develops instruments for

87

00:05:59,770 --> 00:05:57,199

monitoring underwater performance of

88

00:06:02,469 --> 00:05:59,780

nets and associated fish behavior it

89

00:06:04,600 --> 00:06:02,479

also uses satellite technology to track

90

00:06:07,100 --> 00:06:04,610

endangered species and math

91

00:06:09,380 --> 00:06:07,110

environmental conditions

92

00:06:11,570 --> 00:06:09,390

the department of the interior's u.s.

93

00:06:13,730 --> 00:06:11,580

geological survey provides federal

94

00:06:17,810 --> 00:06:13,740

agencies and foreign governments with

95

00:06:19,940 --> 00:06:17,820

hydrologic instrumentation another USGS

96

00:06:21,770 --> 00:06:19,950

entity is the National mapping division

97

00:06:23,780 --> 00:06:21,780

which gives technical assistance in the

98

00:06:26,900 --> 00:06:23,790

use of remote sensing to solve

99

00:06:29,120 --> 00:06:26,910

environmental problems located with the

100

00:06:31,490 --> 00:06:29,130

National mapping division is USGS is

101
00:06:33,440 --> 00:06:31,500
Earth Science Information centers where

102
00:06:36,200 --> 00:06:33,450
the public has access to aerial and

103
00:06:39,560 --> 00:06:36,210
satellite photographs maps and earth

104
00:06:41,300 --> 00:06:39,570
science publications the Environmental

105
00:06:43,400 --> 00:06:41,310
Protection Agency has two divisions

106
00:06:44,990 --> 00:06:43,410
located at Stennis the environmental

107
00:06:47,360 --> 00:06:45,000
chemistry laboratory which assisted

108
00:06:49,940 --> 00:06:47,370
monitoring and regulating pesticide use

109
00:06:52,190 --> 00:06:49,950
in the environment and the Gulf of

110
00:06:54,890 --> 00:06:52,200
Mexico program and intergovernmental

111
00:06:56,570 --> 00:06:54,900
effort to develop a management plan for

112
00:06:59,810 --> 00:06:56,580
future protection of the Gulf

113
00:07:01,520 --> 00:06:59,820

environment also located at Stennis are

114

00:07:03,950 --> 00:07:01,530

the deactivated Mississippi army

115

00:07:05,810 --> 00:07:03,960

ammunition plant and the US army

116

00:07:07,640 --> 00:07:05,820

armament munitions and chemical command

117

00:07:11,270 --> 00:07:07,650

to which thinnest provides technical

118

00:07:13,280 --> 00:07:11,280

support services another integral part

119

00:07:15,680 --> 00:07:13,290

of the Sinister is the sinner for higher

120

00:07:17,410 --> 00:07:15,690

learning degree programs are offered at

121

00:07:19,370 --> 00:07:17,420

Stennis by Mississippi State University

122

00:07:22,610 --> 00:07:19,380

the University of Southern Mississippi

123

00:07:26,630 --> 00:07:22,620

the University of New Orleans and Pearl

124

00:07:28,280 --> 00:07:26,640

River Community College in addition NASA

125

00:07:31,040 --> 00:07:28,290

offers a wide range of educational

126
00:07:33,320 --> 00:07:31,050
services to teachers students and the

127
00:07:36,470 --> 00:07:33,330
general public through stenosis visitor

128
00:07:38,660 --> 00:07:36,480
and education programs the teacher

129
00:07:41,570 --> 00:07:38,670
resource center offers educators free

130
00:07:43,640 --> 00:07:41,580
extensive services and materials teacher

131
00:07:46,610 --> 00:07:43,650
workshops and student assembly programs

132
00:07:48,500 --> 00:07:46,620
are given both at Stennis and in schools

133
00:07:52,040 --> 00:07:48,510
throughout Mississippi and south

134
00:07:54,500 --> 00:07:52,050
Louisiana masses tri-state education

135
00:07:56,750 --> 00:07:54,510
initiative encompasses an area within a

136
00:07:59,090 --> 00:07:56,760
50-mile radius of our yuka Mississippi

137
00:08:00,830 --> 00:07:59,100
and is designed to promote and support

138
00:08:03,700 --> 00:08:00,840

the efforts of the communities in

139

00:08:05,960 --> 00:08:03,710

developing a quality education system

140

00:08:08,570 --> 00:08:05,970

the states of Mississippi and Louisiana

141

00:08:11,120 --> 00:08:08,580

have technology transfer offices located

142

00:08:13,220 --> 00:08:11,130

at Stennis which work toward improving

143

00:08:14,620 --> 00:08:13,230

the economic viability of state

144

00:08:23,050 --> 00:08:14,630

industries and in

145

00:08:25,840 --> 00:08:23,060

NC state government capabilities 250

146

00:08:28,780 --> 00:08:25,850

years ago the first settlers to conquer

147

00:08:31,480 --> 00:08:28,790

this South Mississippi swampland saw a

148

00:08:34,200 --> 00:08:31,490

promise for the future and in the middle

149

00:08:36,190 --> 00:08:34,210

of this century present-day pioneers

150

00:08:39,460 --> 00:08:36,200

recaptured that vision for a new

151

00:08:41,430 --> 00:08:39,470

frontier and embarked on a quest that

152

00:08:44,380 --> 00:08:41,440

would take this and future generations

153

00:08:47,860 --> 00:08:44,390

for the first time since the beginning

154

00:08:51,190 --> 00:08:47,870

of time beyond the reaches of our planet

155

00:09:06,350 --> 00:08:51,200

earth to the moon and the unlimited

156

00:09:13,680 --> 00:09:10,170

dark bow down no darn bottom Brendan no

157

00:09:17,040 --> 00:09:13,690

Jared em go box next wise and go Kelly's

158

00:09:19,530 --> 00:09:17,050

do I go throw a lot of pressure research

159

00:09:22,620 --> 00:09:19,540

bow to pressure go knoxville 9am go

160

00:09:25,019 --> 00:09:22,630

Billy Sudan his pressure go landline

161

00:09:28,069 --> 00:09:25,029

condition sea bass speed cameras on