

**THE  
UNITED  
STATES  
AIR FORCE**



**PRESENTS**

**SOMEWHERE  
IN THE SKIES**

1  
00:00:05,749 --> 00:00:03,169  
welcome travel back in time with us

2  
00:00:17,900 --> 00:00:05,759  
right now for rare UFO content

3  
00:00:26,410 --> 00:00:21,090  
[Applause]

4  
00:00:30,170 --> 00:00:26,420  
[Music]

5  
00:00:34,729 --> 00:00:30,180  
from the air age through the missile age

6  
00:00:39,709 --> 00:00:37,549  
our space age Heritage of knowledge is

7  
00:00:41,990 --> 00:00:39,719  
older than a decade older than a century

8  
00:00:44,209 --> 00:00:42,000  
older than a millennium

9  
00:00:46,130 --> 00:00:44,219  
our scientific knowledge has evolved

10  
00:00:49,910 --> 00:00:46,140  
Through the Ages concurrently with the

11  
00:00:52,069 --> 00:00:49,920  
minds of men our capacity to learn has

12  
00:00:54,889 --> 00:00:52,079  
expanded in the process

13  
00:00:57,290 --> 00:00:54,899

a challenging idea of exploring beyond

14

00:00:58,189 --> 00:00:57,300

our planetary boundaries is as old as

15

00:01:01,630 --> 00:00:58,199

history

16

00:01:04,070 --> 00:01:01,640

probably as old as Humanity itself

17

00:01:05,810 --> 00:01:04,080

concepts of the universe have changed

18

00:01:08,210 --> 00:01:05,820

just as our knowledge of the Earth

19

00:01:10,490 --> 00:01:08,220

itself has changed

20

00:01:12,109 --> 00:01:10,500

compress the entire history of the earth

21

00:01:15,170 --> 00:01:12,119

into one year

22

00:01:17,810 --> 00:01:15,180

on this time scale eight months of the

23

00:01:20,270 --> 00:01:17,820

year would be devoid of life during the

24

00:01:22,370 --> 00:01:20,280

succeeding two months simple bacteria

25

00:01:24,230 --> 00:01:22,380

would come into existence

26  
00:01:26,090 --> 00:01:24,240  
mammals would not appear until the

27  
00:01:28,730 --> 00:01:26,100  
second week in December

28  
00:01:32,270 --> 00:01:28,740  
man would walk into the scene at 11 45

29  
00:01:34,490 --> 00:01:32,280  
pm on December 31st

30  
00:01:36,469 --> 00:01:34,500  
recorded history would account for but

31  
00:01:39,530 --> 00:01:36,479  
the final ticks of the clock

32  
00:01:42,350 --> 00:01:39,540  
man's Aerospace achievements little more

33  
00:01:46,030 --> 00:01:42,360  
than the flicker of an eyelash

34  
00:01:49,550 --> 00:01:46,040  
[Music]

35  
00:01:51,889 --> 00:01:49,560  
here ends the world

36  
00:01:53,590 --> 00:01:51,899  
so set an ancient map inscribed at the

37  
00:01:56,030 --> 00:01:53,600  
pillars of Hercules

38  
00:01:57,830 --> 00:01:56,040

the two-dimensional world of early

39

00:01:59,569 --> 00:01:57,840

history was narrow

40

00:02:03,830 --> 00:01:59,579

because man's knowledge of his

41

00:02:07,370 --> 00:02:05,330

Ptolemy

42

00:02:09,229 --> 00:02:07,380

for a thousand years considered to be

43

00:02:11,390 --> 00:02:09,239

the greatest Authority on astronomy

44

00:02:14,170 --> 00:02:11,400

placed the Earth at the center of the

45

00:02:20,390 --> 00:02:18,650

Copernicus in 1543 Advanced the idea

46

00:02:23,030 --> 00:02:20,400

that the sun was at the center of the

47

00:02:25,869 --> 00:02:23,040

planetary orbits identified the Earth as

48

00:02:30,050 --> 00:02:25,879

one of these planets

49

00:02:32,270 --> 00:02:30,060

Kepler in the 17th century described his

50

00:02:34,610 --> 00:02:32,280

three great laws of planetary motion

51  
00:02:35,520 --> 00:02:34,620  
setting a pattern for the study of the

52  
00:02:37,869 --> 00:02:35,530  
solar system

53  
00:02:41,330 --> 00:02:37,879  
[Music]

54  
00:02:44,030 --> 00:02:41,340  
Galileo 17th century inventor of the

55  
00:02:46,430 --> 00:02:44,040  
telescope who opened a new window to the

56  
00:02:49,190 --> 00:02:46,440  
skies with a device that could look at

57  
00:02:51,830 --> 00:02:49,200  
both sides of the present using the

58  
00:02:56,330 --> 00:02:51,840  
antique light from distant stars to

59  
00:03:00,949 --> 00:02:57,770  
Newton

60  
00:03:02,570 --> 00:03:00,959  
who said of his third law of motion this

61  
00:03:05,750 --> 00:03:02,580  
is the principle that will enable

62  
00:03:09,530 --> 00:03:05,760  
Mankind in later centuries to undertake

63  
00:03:13,970 --> 00:03:11,330

Mongolia

64

00:03:17,690 --> 00:03:13,980

two brothers sons of a paper maker from

65

00:03:19,790 --> 00:03:17,700

the little French town of anone in 1783

66

00:03:22,009 --> 00:03:19,800

achieved by balloon

67

00:03:24,770 --> 00:03:22,019

what the Wright brothers

68

00:03:28,369 --> 00:03:24,780

the bicycle makers from Dayton Ohio did

69

00:03:30,589 --> 00:03:28,379

in 1903 in a strange new device called

70

00:03:32,509 --> 00:03:30,599

an airplane

71

00:03:35,570 --> 00:03:32,519

and Goddard

72

00:03:39,670 --> 00:03:35,580

who in 1926 launched a liquid-fueled

73

00:03:43,369 --> 00:03:39,680

rocket in 1935 sent a rocket

74

00:03:46,610 --> 00:03:43,379

7500 feet into the sky

75

00:03:49,009 --> 00:03:46,620

space is a place of knowledge and of

76

00:03:52,729 --> 00:03:49,019

progress

77

00:03:56,270 --> 00:03:52,739

space is the new psychological Frontier

78

00:03:58,369 --> 00:03:56,280

it provides us an emotional challenge it

79

00:03:59,570 --> 00:03:58,379

stimulates our desires for knowledge and

80

00:04:02,809 --> 00:03:59,580

adventure

81

00:04:04,309 --> 00:04:02,819

it increases our fears it feeds our

82

00:04:07,430 --> 00:04:04,319

ambitions

83

00:04:10,610 --> 00:04:07,440

space is the new scientific Frontier the

84

00:04:12,949 --> 00:04:10,620

sky is no longer the limit

85

00:04:15,949 --> 00:04:12,959

human knowledge is doubling every decade

86

00:04:18,469 --> 00:04:15,959

for ignorance is our enemy just as

87

00:04:21,110 --> 00:04:18,479

surely as knowledge is power power for

88

00:04:23,689 --> 00:04:21,120

good or power for evil

89

00:04:26,150 --> 00:04:23,699

man's judgment in the applications of

90

00:04:29,150 --> 00:04:26,160

Technologies particularly in the fertile

91

00:04:31,390 --> 00:04:29,160

fields of space May well determine human

92

00:04:34,790 --> 00:04:31,400

Destiny

93

00:04:37,550 --> 00:04:34,800

space is the new defense Frontier

94

00:04:39,650 --> 00:04:37,560

survival of the fittest has acquired new

95

00:04:42,650 --> 00:04:39,660

meaning in our time

96

00:04:46,310 --> 00:04:42,660

strength has become the index to peace

97

00:04:49,850 --> 00:04:46,320

space is a place for security

98

00:04:53,629 --> 00:04:49,860

space begins just 50 miles away

99

00:04:56,930 --> 00:04:53,639

how far it extends no one can tell

100

00:04:59,570 --> 00:04:56,940

we do not aspire to conquer space we

101  
00:05:02,030 --> 00:04:59,580  
seek rather to understand it to become

102  
00:05:04,610 --> 00:05:02,040  
proficient in space to the degree that

103  
00:05:06,670 --> 00:05:04,620  
we have adapted to the Seas and to the

104  
00:05:10,249 --> 00:05:06,680  
air

105  
00:05:12,830 --> 00:05:10,259  
space is not really remote

106  
00:05:15,469 --> 00:05:12,840  
and because it is close it becomes an

107  
00:05:17,990 --> 00:05:15,479  
area of possible threat just as the

108  
00:05:20,510 --> 00:05:18,000  
ability to fly made the Airways a threat

109  
00:05:22,790 --> 00:05:20,520  
or the capacity to navigate oceans made

110  
00:05:25,550 --> 00:05:22,800  
the Seas a threat

111  
00:05:27,830 --> 00:05:25,560  
space is a place to preserve peace

112  
00:05:30,290 --> 00:05:27,840  
through understanding

113  
00:05:32,490 --> 00:05:30,300

but true understanding of space will

114

00:05:33,790 --> 00:05:32,500

come only if peace is protected

115

00:05:36,469 --> 00:05:33,800

[Music]

116

00:05:39,409 --> 00:05:36,479

scientific Technical and strategic

117

00:05:42,590 --> 00:05:39,419

preeminence in space must be reserved

118

00:05:45,650 --> 00:05:42,600

for the forces of freedom

119

00:05:46,909 --> 00:05:45,660

our Ventures into space once imagined

120

00:05:49,430 --> 00:05:46,919

now real

121

00:05:51,830 --> 00:05:49,440

lead us not away from this Earth

122

00:05:54,650 --> 00:05:51,840

but towards a better understanding of

123

00:05:56,330 --> 00:05:54,660

our planet of our solar system

124

00:05:59,629 --> 00:05:56,340

and perhaps

125

00:06:05,529 --> 00:06:00,950

space

126

00:06:13,070 --> 00:06:09,189

we shall not cease from exploration

127

00:06:17,090 --> 00:06:13,080

and the end of all our exploring

128

00:06:22,130 --> 00:06:17,100

will be to arrive where we started