



1
00:01:07,750 --> 00:01:05,270
it begins with the first tentative

2
00:01:11,190 --> 00:01:07,760
forays of the wright brothers

3
00:01:15,990 --> 00:01:11,200
human beings taking flight

4
00:01:22,149 --> 00:01:18,710
every major aerospace achievement along

5
00:01:25,030 --> 00:01:22,159
the way builds on those before it

6
00:01:27,109 --> 00:01:25,040
lessons learned answer some questions

7
00:01:30,950 --> 00:01:27,119
and raise many others

8
00:01:33,749 --> 00:01:30,960
spurring new endeavors and discoveries

9
00:01:37,830 --> 00:01:33,759
imagination provides the spark

10
00:01:41,510 --> 00:01:37,840
but information sustains the fire

11
00:01:43,670 --> 00:01:41,520
as the tasks become increasingly complex

12
00:01:46,389 --> 00:01:43,680
documenting and having access to

13
00:01:49,429 --> 00:01:46,399

research results becomes ever more

14

00:01:54,630 --> 00:01:52,230

to meet researchers needs for aerospace

15

00:01:57,429 --> 00:01:54,640

information from around the globe

16

00:02:00,389 --> 00:01:57,439

nasa established a scientific and

17

00:02:03,190 --> 00:02:00,399

technical information program

18

00:02:05,749 --> 00:02:03,200

at the heart of the sti program

19

00:02:07,510 --> 00:02:05,759

is a worldwide network of information

20

00:02:09,910 --> 00:02:07,520

professionals

21

00:02:11,350 --> 00:02:09,920

using both traditional and advanced

22

00:02:13,910 --> 00:02:11,360

technologies

23

00:02:16,869 --> 00:02:13,920

their mission is to seek out and make

24

00:02:19,430 --> 00:02:16,879

available whatever material an aerospace

25

00:02:21,830 --> 00:02:19,440

researcher requires

26

00:02:24,390 --> 00:02:21,840

whether it's a published report or

27

00:02:27,830 --> 00:02:24,400

updates on studies in progress

28

00:02:32,229 --> 00:02:27,840

the sti team can produce and deliver the

29

00:02:35,190 --> 00:02:32,239

necessary information in almost any form

30

00:02:37,270 --> 00:02:35,200

utilizing this tremendous resource saves

31

00:02:38,229 --> 00:02:37,280

two important things

32

00:02:42,309 --> 00:02:38,239

time

33

00:02:47,509 --> 00:02:44,550

one of the key elements in the sti

34

00:02:49,430 --> 00:02:47,519

program is a powerful database

35

00:02:51,030 --> 00:02:49,440

containing more than three million

36

00:02:53,589 --> 00:02:51,040

records

37

00:02:55,990 --> 00:02:53,599

topics covered range from aero and

38

00:02:57,750 --> 00:02:56,000

astronautics to the life and space

39

00:03:00,550 --> 00:02:57,760

sciences

40

00:03:02,790 --> 00:03:00,560

coverage is truly global

41

00:03:05,670 --> 00:03:02,800

material is acquired from over 50

42

00:03:09,990 --> 00:03:05,680

countries through more than 600 exchange

43

00:03:15,030 --> 00:03:12,790

online computer searches of the sti

44

00:03:18,550 --> 00:03:15,040

database are possible through an

45

00:03:21,190 --> 00:03:18,560

information system called nasa recon

46

00:03:23,670 --> 00:03:21,200

it is extremely flexible

47

00:03:26,229 --> 00:03:23,680

personal profiles can be established

48

00:03:28,470 --> 00:03:26,239

based on individual interests

49

00:03:30,830 --> 00:03:28,480

an automatic literature search and

50

00:03:33,030 --> 00:03:30,840

document distribution option will

51
00:03:36,390 --> 00:03:33,040
continuously deliver new related

52
00:03:40,390 --> 00:03:36,400
information as it becomes available

53
00:03:42,949 --> 00:03:40,400
an average of 85 000 aerospace items are

54
00:03:46,470 --> 00:03:42,959
processed into the system each year

55
00:03:50,149 --> 00:03:46,480
keeping it current

56
00:03:52,550 --> 00:03:50,159
the sti program also provides access to

57
00:03:53,589 --> 00:03:52,560
a variety of other databases around the

58
00:03:56,070 --> 00:03:53,599
world

59
00:03:58,390 --> 00:03:56,080
creating an unrivaled aerospace

60
00:04:01,030 --> 00:03:58,400
information network

61
00:04:03,670 --> 00:04:01,040
a number of specialized services

62
00:04:06,149 --> 00:04:03,680
including custom thesauruses

63
00:04:07,429 --> 00:04:06,159

translating material to or from other

64

00:04:09,110 --> 00:04:07,439

languages

65

00:04:11,110 --> 00:04:09,120

database building

66

00:04:12,550 --> 00:04:11,120

organizing research results for

67

00:04:15,429 --> 00:04:12,560

publication

68

00:04:16,949 --> 00:04:15,439

or even generating graphics are offered

69

00:04:18,789 --> 00:04:16,959

as well

70

00:04:20,469 --> 00:04:18,799

no matter what an individual

71

00:04:22,710 --> 00:04:20,479

researcher's needs

72

00:04:25,110 --> 00:04:22,720

there's an sti professional with the

73

00:04:27,350 --> 00:04:25,120

expertise to meet them

74

00:04:28,390 --> 00:04:27,360

all that's required to take advantage of

75

00:04:31,430 --> 00:04:28,400

this unique

76

00:04:33,749 --> 00:04:31,440

flexible program is a phone call

77

00:04:37,749 --> 00:04:33,759

an sti representative will provide

78

00:04:42,710 --> 00:04:40,469

as researchers around the world continue

79

00:04:44,790 --> 00:04:42,720

to push back the limits of aerospace

80

00:04:47,270 --> 00:04:44,800

science and technology

81

00:04:51,270 --> 00:04:47,280

the need to streamline the research and

82

00:04:53,590 --> 00:04:51,280

development process is greater than ever

83

00:04:55,670 --> 00:04:53,600

the key is information

84

00:04:58,230 --> 00:04:55,680

ensuring that previous work is not

85

00:05:03,909 --> 00:04:58,240

repeated and new endeavors are

86

00:05:08,550 --> 00:05:06,310

capabilities have grown considerably

87

00:05:11,749 --> 00:05:08,560

since those early days on a remote north

88

00:05:14,230 --> 00:05:11,759

carolina beach but there are still great

89

00:05:16,710 --> 00:05:14,240

strides to be made

90

00:05:18,629 --> 00:05:16,720

just as the discoveries of the past

91

00:05:20,070 --> 00:05:18,639

serve as the foundation for today's

92

00:05:22,150 --> 00:05:20,080

successes

93

00:05:24,230 --> 00:05:22,160

present-day studies are laying the

94

00:05:27,830 --> 00:05:24,240

groundwork for the challenges of

95

00:05:33,189 --> 00:05:30,870

helping secure this future is nasa's

96

00:05:34,550 --> 00:05:33,199

scientific and technical information

97

00:05:38,150 --> 00:05:34,560

program

98

00:05:50,070 --> 00:05:38,160

the source for aerospace research around

99

00:05:55,909 --> 00:05:53,110

for more information about the nasa sti

100

00:05:59,270 --> 00:05:55,919

program please write to the nasa center

