1
00:00:30,479 --> 00:00:27,689
when man first began to reach for the

2
00:00:32,400 --> 00:00:30,489
stars dreams about space travel usually

3
00:00:44,590 --> 00:00:32,410
included living in space in what is now

4
00:00:44,600 --> 00:01:01,330
you

5
00:01:06,200 --> 00:01:04,430
those dreams became reality when after

6
00:01:08,899 --> 00:01:06,210
the successful completion of the Apollo

7
00:01:10,760 --> 00:01:08,909
program the next step chosen for manned

8
00:01:34,080 --> 00:01:10,770
spaceflight was an earth orbiting

9
00:01:38,410 --> 00:01:36,640
during the Skylab program three

10
00:01:40,390 --> 00:01:38,420
different crews lived and worked in

11
00:01:53,420 --> 00:01:40,400
America's first space station for a

12
00:01:58,040 --> 00:01:55,850
the knowledge and experience gained from

13
00:02:00,200 --> 00:01:58,050

Skylab provided a foundation for the

14
00:02:13,230 --> 00:02:00,210
design and development of future space

15
00:02:13,240 --> 00:02:18,240
you

16
00:02:22,900 --> 00:02:20,560
skylab taught us that any long-duration

17
00:02:33,140 --> 00:02:22,910
space station will be highly dependent

18
00:02:38,009 --> 00:02:36,240
the reusable space shuttle will continue

19
00:02:55,949 --> 00:02:38,019
to be a key component by providing

20
00:03:00,820 --> 00:02:58,270
expendable launch vehicles may be used

21
00:03:26,100 --> 00:03:00,830
to carry both supplies and payloads to

22
00:03:31,030 --> 00:03:29,500
in the 1980's the shuttle expanded our

23
00:03:38,559 --> 00:03:31,040
capabilities to live and work

24
00:03:40,870 --> 00:03:38,569
effectively in the space environment the

25
00:03:43,360 --> 00:03:40,880
next step in space exploration and

26
00:03:45,610 --> 00:03:43,370
utilization Space Station freedom is

27
00:03:47,740 --> 00:03:45,620
currently being developed by the United

28
00:03:54,699 --> 00:03:47,750
States with cooperation from Canada

29
00:03:56,620 --> 00:03:54,709
Europe and Japan as a research

30
00:03:58,900 --> 00:03:56,630
laboratory freedom will increase

31
00:04:01,270 --> 00:03:58,910
scientific knowledge stimulate the

32
00:04:03,160 --> 00:04:01,280
development of new technologies and help

33
00:04:16,990 --> 00:04:03,170
realize the commercial potential of

34
00:04:21,800 --> 00:04:19,460
currently advances are being made in

35
00:04:27,410 --> 00:04:21,810
various technologies as we prepare for

36
00:04:39,380 --> 00:04:27,420
life aboard Space Station freedom new

37
00:04:41,510 --> 00:04:39,390
space suit designs robots and a health

38
00:04:47,450 --> 00:04:41,520

maintenance facility are just a few of

39
00:04:49,100 --> 00:04:47,460
the developments underway eventually

40
00:04:52,130 --> 00:04:49,110
Space Station users will want to

41
00:04:55,030 --> 00:04:52,140
increase their capabilities as a result

42
00:04:56,840 --> 00:04:55,040
freedom has been designed for expansion

43
00:04:59,120 --> 00:04:56,850
enhancements may include another

44
00:05:02,690 --> 00:04:59,130
structure a spacecraft servicing

45
00:05:04,520 --> 00:05:02,700
facility and more power in addition to

46
00:05:06,130 --> 00:05:04,530
providing a research facility for the

47
00:05:08,750 --> 00:05:06,140
Advancement of science and technology

48
00:05:13,880 --> 00:05:08,760
freedom will serve as a base for future

49
00:05:16,220 --> 00:05:13,890
exploration in building a lunar base or

50
00:05:18,440 --> 00:05:16,230
traveling to other planets freedom will

51
00:05:24,950 --> 00:05:18,450
provide the departure point necessary to

52
00:05:26,650 --> 00:05:24,960
accomplish those missions Space Station

53
00:05:29,230 --> 00:05:26,660
freedom

54
00:05:32,410 --> 00:05:29,240
an important prerequisite for future

55
00:05:34,600 --> 00:05:32,420
long-term space travel as our dreams of