
MR. SCHEUER

1
00:01:04,920 --> 00:00:49,040
NASA

2
00:01:10,200 --> 00:01:07,560
back in the early days the Space Age was

3
00:01:13,980 --> 00:01:10,210
new and the race to get there drove NASA

4
00:01:16,050 --> 00:01:13,990
forward working on the edge of the

5
00:01:19,170 --> 00:01:16,060
unknown forced the young agency to

6
00:01:21,810 --> 00:01:19,180
innovate and take risks there was a

7
00:01:25,410 --> 00:01:21,820
can-do spirit free discussion of new

8
00:01:31,890 --> 00:01:25,420
ideas teamwork a shared vision and

9
00:01:34,530 --> 00:01:31,900
commitment to get the job done there

10
00:01:38,520 --> 00:01:34,540
were setbacks and criticism but the

11
00:01:40,290 --> 00:01:38,530
national priority was clear NASA was

12
00:01:42,510 --> 00:01:40,300
demonstrating the technological

13
00:01:44,969 --> 00:01:42,520

competence of a free nation to the world

14
00:01:49,670 --> 00:01:44,979
and the American people were squarely

15
00:01:55,740 --> 00:01:52,889
resources were plentiful the economy was

16
00:01:59,190 --> 00:01:55,750
booming American companies led the world

17
00:02:03,810 --> 00:01:59,200
in exports of manufactured goods made in

18
00:02:06,779 --> 00:02:03,820
America was the mark of excellence he

19
00:02:09,180 --> 00:02:06,789
gave managers certain ways to do things

20
00:02:11,460 --> 00:02:09,190
and gave him authority and money to do

21
00:02:13,949 --> 00:02:11,470
stuff right there on the spot we had

22
00:02:22,140 --> 00:02:13,959
groups of small teams that went around

23
00:02:24,780 --> 00:02:22,150
and attacked problems just working night

24
00:02:27,840 --> 00:02:24,790
and day to make this happen everybody

25
00:02:29,759 --> 00:02:27,850
cooperated resources were there many of

26
00:02:32,009 --> 00:02:29,769
the things we were doing with first time

27
00:02:34,650 --> 00:02:32,019
everybody was sort of learning how do

28
00:02:37,229 --> 00:02:34,660
you do this and so and it was just an

29
00:02:41,340 --> 00:02:37,239
awesome feeling it was just that

30
00:02:45,809 --> 00:02:41,350
exciting we worked almost like children

31
00:02:48,479 --> 00:02:45,819
play they actually go out and play until

32
00:02:50,430 --> 00:02:48,489
they're tired and somebody has to call

33
00:02:53,729 --> 00:02:50,440
them in and make them eat and go to bed

34
00:02:56,670 --> 00:02:53,739
we just did it for the sheer love of the

35
00:02:59,640 --> 00:02:56,680
of the adventure in the excitement and

36
00:03:02,220 --> 00:02:59,650
the challenge that lay ahead of us the

37
00:03:06,120 --> 00:03:02,230
spirit of the right stuff came to infuse

38
00:03:08,250 --> 00:03:06,130

America during those 10 years the NASA

39
00:03:11,010 --> 00:03:08,260
for technical brilliance and managerial

40
00:03:22,000 --> 00:03:11,020
excellence grew with every first in

41
00:03:26,979 --> 00:03:24,699
every person over the age of 30 still

42
00:03:29,770 --> 00:03:26,989
remembers where they were that day as

43
00:03:31,960 --> 00:03:29,780
everyone held their breath waiting for

44
00:03:35,619 --> 00:03:31,970
that touchdown on the sea of time

45
00:03:43,720 --> 00:03:35,629
finding Trudeau planting over three feet

46
00:03:54,790 --> 00:03:43,730
unam down take that out forward people

47
00:03:59,890 --> 00:03:57,100
people all over the world went outside

48
00:04:03,430 --> 00:03:59,900
that night and looked up at the familiar

49
00:04:05,710 --> 00:04:03,440
old moon in a new way because for the

50
00:04:08,720 --> 00:04:05,720
first time in history somebody was

51
00:04:13,610 --> 00:04:11,750
at that brief moment in time NASA took

52
00:04:16,729 --> 00:04:13,620
its place at the pinnacle of human

53
00:04:19,430 --> 00:04:16,739
achievement with its can-do spirit and a

54
00:04:21,740 --> 00:04:19,440
reputation for doing the impossible NASA

55
00:04:24,800 --> 00:04:21,750
saw galaxies of opportunity on the

56
00:04:32,940 --> 00:04:24,810
horizon and went seeking new worlds to

57
00:04:39,210 --> 00:04:36,060
for a time there seemed no limit to what

58
00:04:41,370 --> 00:04:39,220
NASA could do with hardware leftover

59
00:04:44,880 --> 00:04:41,380
from Apollo NASA created the first

60
00:04:47,610 --> 00:04:44,890
orbiting workshop Skylab during three

61
00:04:50,250 --> 00:04:47,620
missions crews conducted more than 250

62
00:04:52,350 --> 00:04:50,260
experiments using the largest collection

63
00:04:56,150 --> 00:04:52,360

of scientific hardware ever flown in

64
00:05:01,230 --> 00:04:58,770
skylab astronauts were the first to

65
00:05:09,650 --> 00:05:01,240
spend three months living and working in

66
00:05:16,910 --> 00:05:13,940
july 1976 nasa's present to america on

67
00:05:19,070 --> 00:05:16,920
its 200th birthday Viking the first

68
00:05:22,730 --> 00:05:19,080
spacecraft to soft land on another

69
00:05:25,910 --> 00:05:22,740
planet its mission to sample the Martian

70
00:05:28,640 --> 00:05:25,920
soil search for life monitor the weather

71
00:05:34,250 --> 00:05:28,650
and give the world a close-up look at

72
00:05:37,160 --> 00:05:34,260
the red planet Voyager a grand tour of

73
00:05:39,320 --> 00:05:37,170
the outer solar system two spacecraft

74
00:05:41,920 --> 00:05:39,330
made the twelve year for billion-mile

75
00:05:45,830 --> 00:05:41,930
journey to send back detailed images

76
00:05:49,850 --> 00:05:45,840
Jupiter's turbulent ammonia clowns the

77
00:05:53,570 --> 00:05:49,860
frozen rings of Saturn the icy beauty of

78
00:05:57,380 --> 00:05:53,580
Uranus and the fierce methane winds and

79
00:06:00,470 --> 00:05:57,390
mysterious dark spot of Neptune Voyager

80
00:06:03,080 --> 00:06:00,480
will be regarded as the quintessential

81
00:06:05,450 --> 00:06:03,090
mission of exploration there has been no

82
00:06:08,030 --> 00:06:05,460
other mission which has explored so many

83
00:06:10,550 --> 00:06:08,040
new worlds only Voyager has had the

84
00:06:12,320 --> 00:06:10,560
opportunity of visiting in sequence for

85
00:06:18,770 --> 00:06:12,330
giant planets with literally dozens of

86
00:06:22,340 --> 00:06:18,780
new worlds in orbit around them NASA's

87
00:06:25,010 --> 00:06:22,350
cosmic background Explorer a small

88
00:06:28,130 --> 00:06:25,020

satellite straining to receive the faint

89
00:06:31,010 --> 00:06:28,140
whispers of a cosmic explosion that gave

90
00:06:33,350 --> 00:06:31,020
birth to the universe 15 billion years

91
00:06:35,600 --> 00:06:33,360
ago while the radiation that we're

92
00:06:37,820 --> 00:06:35,610
looking at has come to us from 300,000

93
00:06:40,430 --> 00:06:37,830
years after the Big Bang the structures

94
00:06:42,980 --> 00:06:40,440
that we are seeing in that radiation are

95
00:06:44,930 --> 00:06:42,990
much much older and they were created in

96
00:06:47,900 --> 00:06:44,940
the first billionth of a second and

97
00:06:50,630 --> 00:06:47,910
probably even earlier after the Big Bang

98
00:06:53,409 --> 00:06:50,640
this is like the Golden Age of cosmology

99
00:06:56,150 --> 00:06:53,419
we're really making a breakthrough here

100
00:06:59,250 --> 00:06:56,160
NASA's post Apollo successes were

101
00:07:01,470 --> 00:06:59,260
brilliant and path-breaking

102
00:07:05,140 --> 00:07:01,480
but at some point on the way back from

103
00:07:07,210 --> 00:07:05,150
the moon the national spotlight shifted

104
00:07:09,670 --> 00:07:07,220
the young agency that had met John

105
00:07:12,010 --> 00:07:09,680
Kennedy's deadline and been too busy to

106
00:07:14,140 --> 00:07:12,020
bother with bureaucracy suddenly was

107
00:07:23,980 --> 00:07:14,150
left without the national mandate and

108
00:07:30,410 --> 00:07:27,650
nasa proposed a fully reusable shuttle

109
00:07:33,140 --> 00:07:30,420
providing low-cost access to space with

110
00:07:34,880 --> 00:07:33,150
launches every one to two weeks the

111
00:07:37,370 --> 00:07:34,890
shuttle was part of a larger vision

112
00:07:39,650 --> 00:07:37,380
including a space station leading to

113
00:07:43,580 --> 00:07:39,660

further human exploration of the solar

114
00:07:45,740 --> 00:07:43,590
system an imperfect compromise NASA

115
00:07:47,510 --> 00:07:45,750
ended up with a partially reusable

116
00:07:50,720 --> 00:07:47,520
shuttle but without its primary

117
00:07:53,240 --> 00:07:50,730
destination space station the shuttle

118
00:07:55,370 --> 00:07:53,250
was a technological success but with

119
00:07:58,160 --> 00:07:55,380
what impact on the rest of NASA's

120
00:08:01,340 --> 00:07:58,170
program shuttle development was

121
00:08:04,220 --> 00:08:01,350
underfunded its schedule slipped causing

122
00:08:06,710 --> 00:08:04,230
everything else to sleep cost overruns

123
00:08:08,780 --> 00:08:06,720
became commonplace Congress grew

124
00:08:12,950 --> 00:08:08,790
concerned paperwork requirements

125
00:08:16,010 --> 00:08:12,960
mushroomed our 1967 budget document

126
00:08:18,980 --> 00:08:16,020
consisted of four pages we keep it in

127
00:08:21,290 --> 00:08:18,990
the display case to show visitors since

128
00:08:23,690 --> 00:08:21,300
it is such a rarity these are the Dryden

129
00:08:25,730 --> 00:08:23,700
responses to the 24 requests for

130
00:08:30,200 --> 00:08:25,740
information levied on us by headquarters

131
00:08:33,440 --> 00:08:30,210
the OMB and Congress NASA projects take

132
00:08:35,930 --> 00:08:33,450
too long but didn't always take two

133
00:08:39,139 --> 00:08:35,940
missions in pursuit of Venus Mariner 10

134
00:08:39,149 --> 00:08:46,470
recommended launched

135
00:08:52,960 --> 00:08:50,290
similarly geo tubes funded in 1973

136
00:08:55,600 --> 00:08:52,970
flying only five years later this

137
00:09:00,540 --> 00:08:55,610
high-resolution x-ray astronomy mission

138
00:09:07,060 --> 00:09:03,280

NASA immediately proposed the follow-on

139
00:09:08,710 --> 00:09:07,070
mission acts F but today despite

140
00:09:11,140 --> 00:09:08,720
breaking acts F into two smaller

141
00:09:14,740 --> 00:09:11,150
missions the first launch appears not

142
00:09:16,780 --> 00:09:14,750
likely any earlier than 1998 nearly two

143
00:09:21,220 --> 00:09:16,790
decades after the mission was first

144
00:09:25,420 --> 00:09:21,230
proposed to replace an aging us weather

145
00:09:27,360 --> 00:09:25,430
satellite goes next the first of the new

146
00:09:30,900 --> 00:09:27,370
generation of weather satellites

147
00:09:33,150 --> 00:09:30,910
intended for launch in 1989 a

148
00:09:36,059 --> 00:09:33,160
technological marvel

149
00:09:39,059 --> 00:09:36,069
a federal fumble leaving the nation

150
00:09:41,280 --> 00:09:39,069
suspicious that the NASA NOAA team can't

151
00:09:45,900 --> 00:09:41,290
deliver what it promises in the face of

152
00:09:49,699 --> 00:09:45,910
this long long history of 500 million

153
00:09:52,559 --> 00:09:49,709
dollar overruns 33 years of delay

154
00:09:55,259 --> 00:09:52,569
awesome problems of quality control I

155
00:09:57,929 --> 00:09:55,269
see very little in the in the history

156
00:10:03,900 --> 00:09:57,939
that would justify this Congress for

157
00:10:05,850 --> 00:10:03,910
taking yet another chance on you you

158
00:10:07,619 --> 00:10:05,860
know we can't do that three strikes is

159
00:10:09,929 --> 00:10:07,629
out in baseball and out of how many

160
00:10:11,610 --> 00:10:09,939
strikes you've had yet you've had a lot

161
00:10:15,569 --> 00:10:11,620
more than three going back a number of

162
00:10:18,240 --> 00:10:15,579
years business as usual NASA management

163
00:10:21,030 --> 00:10:18,250

focuses on technical performance but

164
00:10:24,720 --> 00:10:21,040
with schedule slips technical fixes and

165
00:10:26,999 --> 00:10:24,730
new requirements a typical program costs

166
00:10:28,960 --> 00:10:27,009
seventy-five percent over the original

167
00:10:31,880 --> 00:10:28,970
estimate

168
00:10:33,950 --> 00:10:31,890
still all these problems were bubbling

169
00:10:41,769 --> 00:10:33,960
under the surface invisible to the

170
00:10:51,840 --> 00:10:44,600
American payloads backed up for 30

171
00:10:57,139 --> 00:10:54,780
then in nineteen ninety NASA's crown

172
00:11:00,840 --> 00:10:57,149
jewel the Hubble Space Telescope

173
00:11:06,259 --> 00:11:00,850
captured the world's imagination but the

174
00:11:09,350 --> 00:11:06,269
euphoria was short-lived the final straw

175
00:11:13,259 --> 00:11:09,360
fuel leaks ground in the shuttle fleet

176
00:11:15,530 --> 00:11:13,269
NASA America's symbol of excellence the

177
00:11:20,309 --> 00:11:15,540
agency that won the race to the moon

178
00:11:22,920 --> 00:11:20,319
couldn't even get off the ground despite

179
00:11:26,189 --> 00:11:22,930
NASA's problems the agency's budget grew

180
00:11:28,920 --> 00:11:26,199
the possibilities seemed endless NASA

181
00:11:31,470 --> 00:11:28,930
dreamt of an aerospace plane a new

182
00:11:35,100 --> 00:11:31,480
national launch system are returned to

183
00:11:37,620 --> 00:11:35,110
the moon and a voyage to Mars but the

184
00:11:41,460 --> 00:11:37,630
pieces didn't fit together it was a

185
00:11:45,510 --> 00:11:41,470
program without a unifying vision

186
00:11:49,380 --> 00:11:45,520
and what of the budget februari 1991

187
00:11:52,410 --> 00:11:49,390
NASA estimates its 1993 budget at over

188
00:11:55,850 --> 00:11:52,420

17 billion dollars to include space

189
00:12:00,090 --> 00:11:55,860
exploration would take even more fall

190
00:12:03,000 --> 00:12:00,100
1991 after deliberating NASA submits a

191
00:12:05,129 --> 00:12:03,010
budget of 16 billion to the office of

192
00:12:07,199 --> 00:12:05,139
management and budget

193
00:12:11,549 --> 00:12:07,209
more negotiations cut the budget further

194
00:12:14,039 --> 00:12:11,559
to 15 billion finally the Congressional

195
00:12:16,710 --> 00:12:14,049
process set the budget at fourteen point

196
00:12:18,869 --> 00:12:16,720
three billion dollars the biggest

197
00:12:21,929 --> 00:12:18,879
portion for the shuttle flying eight

198
00:12:25,199 --> 00:12:21,939
missions a year then Space Station a

199
00:12:28,409 --> 00:12:25,209
30-year commitment and the rest for

200
00:12:31,579 --> 00:12:28,419
mission to Planet Earth access Cassini

201
00:12:34,259 --> 00:12:31,589
other science missions and Aeronautics

202
00:12:37,060 --> 00:12:34,269
will there ever be a budget with room

203
00:12:40,450 --> 00:12:37,070
for anything new

204
00:12:42,880 --> 00:12:40,460
this budget puts more on NASA's plate

205
00:12:45,610 --> 00:12:42,890
than the nation can afford the

206
00:12:48,280 --> 00:12:45,620
administration is proposing what I'd

207
00:12:50,650 --> 00:12:48,290
call a Buck Rogers budget for NASA it's

208
00:12:53,770 --> 00:12:50,660
long on fantasy and it's short on

209
00:12:55,990 --> 00:12:53,780
reality and congressional criticism

210
00:12:57,700 --> 00:12:56,000
isn't limited to NASA's programs and

211
00:12:59,380 --> 00:12:57,710
budget together we beg plead and

212
00:13:01,540 --> 00:12:59,390
implored them to be fair and equitable

213
00:13:04,750 --> 00:13:01,550

now hiring and promotion minorities

214
00:13:06,910 --> 00:13:04,760
women an agency that uses taxpayer funds

215
00:13:09,370 --> 00:13:06,920
federal dollars NASA from the top down

216
00:13:12,040 --> 00:13:09,380
as few minorities and meaningful policy

217
00:13:20,230 --> 00:13:12,050
positions anywhere in ages aspire I urge

218
00:13:23,350 --> 00:13:20,240
support for the past two decades NASA's

219
00:13:25,690 --> 00:13:23,360
promises have exceeded its budget and

220
00:13:28,720 --> 00:13:25,700
its performance hasn't met the country's

221
00:13:39,610 --> 00:13:28,730
expectations there are some who would

222
00:13:45,579 --> 00:13:42,880
but NASA knows how to rise to challenges

223
00:13:48,640 --> 00:13:45,589
to make the space program an essential

224
00:13:50,860 --> 00:13:48,650
thread in the fabric of American life to

225
00:13:53,730 --> 00:13:50,870
give the American people more than they

226
00:13:57,400 --> 00:13:53,740
expect as a return on their investment

227
00:14:00,460 --> 00:13:57,410
NASA is unique because it alone can use

228
00:14:03,190 --> 00:14:00,470
the magic and resources of space the

229
00:14:05,710 --> 00:14:03,200
infinite frontier to produce a steady

230
00:14:08,829 --> 00:14:05,720
stream of scientific discoveries and

231
00:14:21,250 --> 00:14:08,839
technological innovations to benefit all

232
00:14:27,560 --> 00:14:24,980
maitreya drone NASA's future it begins

233
00:14:29,390 --> 00:14:27,570
with Aeronautics working with American

234
00:14:32,570 --> 00:14:29,400
industry to make possible the next

235
00:14:35,510 --> 00:14:32,580
improvements in speed safety economy and

236
00:14:37,580 --> 00:14:35,520
Environmental Protection helping America

237
00:14:42,530 --> 00:14:37,590
regain a growing market share in

238
00:14:47,060 --> 00:14:44,330

NASA will team with the Defense

239
00:14:49,730 --> 00:14:47,070
Department and Industry to revitalize

240
00:14:52,760 --> 00:14:49,740
America's launchers with a new fleet of

241
00:14:55,310 --> 00:14:52,770
small efficient affordable launchers

242
00:14:58,520 --> 00:14:55,320
that will transport payloads into space

243
00:15:00,890 --> 00:14:58,530
and an unprecedented pace and heavy lift

244
00:15:04,790 --> 00:15:00,900
launchers that will carry spacefarers

245
00:15:07,070 --> 00:15:04,800
back to the moon and on into space in

246
00:15:09,140 --> 00:15:07,080
Earth orbit an armada of small and

247
00:15:12,770 --> 00:15:09,150
middle sized satellites will measure the

248
00:15:14,330 --> 00:15:12,780
world's oceans atmosphere and lands to

249
00:15:18,650 --> 00:15:14,340
learn how they interact with each other

250
00:15:20,750 --> 00:15:18,660
and with human activities NASA will lead

251
00:15:23,050 --> 00:15:20,760
what may be the greatest scientific

252
00:15:25,820 --> 00:15:23,060
achievement of the 20th century

253
00:15:28,960 --> 00:15:25,830
completing the Great observatories with

254
00:15:32,930 --> 00:15:28,970
the space infrared telescope facility

255
00:15:35,480 --> 00:15:32,940
and back to the moon small precursor

256
00:15:37,420 --> 00:15:35,490
missions blazed the trail these missions

257
00:15:39,830 --> 00:15:37,430
rely on advanced technologies

258
00:15:48,370 --> 00:15:39,840
technologies that move quickly into the

259
00:15:48,380 --> 00:15:55,440
then men and women back to stay

260
00:16:00,550 --> 00:15:58,120
using what we learn about living and

261
00:16:03,220 --> 00:16:00,560
working in space aboard Space Station

262
00:16:06,760 --> 00:16:03,230
freedom humans will be ready to build an

263
00:16:08,830 --> 00:16:06,770

outpost on the moon a laboratory key to

264
00:16:15,269 --> 00:16:08,840
understanding how to colonize the solar

265
00:16:20,229 --> 00:16:17,739
astronauts will construct high-powered

266
00:16:25,090 --> 00:16:20,239
telescopes strong enough to search

267
00:16:27,519 --> 00:16:25,100
nearby stars for planets by building

268
00:16:30,879 --> 00:16:27,529
smaller lighter spacecraft NASA will

269
00:16:33,340 --> 00:16:30,889
revitalize planetary exploration sending

270
00:16:36,519 --> 00:16:33,350
Outlanders Rovers and sample return

271
00:16:39,099 --> 00:16:36,529
spacecraft that explore every major body

272
00:16:43,759 --> 00:16:39,109
in the solar system including comets and

273
00:16:50,290 --> 00:16:45,650
this new knowledge about the solar

274
00:16:55,350 --> 00:16:50,300
system the runaway greenhouse of Venus

275
00:16:59,790 --> 00:16:57,750
the record of the sun's radiation that's

276
00:17:02,699 --> 00:16:59,800
been written into the moon surface for

277
00:17:04,590 --> 00:17:02,709
millions of years will provide insights

278
00:17:14,050 --> 00:17:04,600
into the most important place in the

279
00:17:18,640 --> 00:17:16,990
there's no doubt in my mind at NASA has

280
00:17:21,270 --> 00:17:18,650
been and continues to be the world

281
00:17:23,710 --> 00:17:21,280
leader when it comes to peaceful space

282
00:17:26,380 --> 00:17:23,720
exploration what I would like to see a

283
00:17:28,000 --> 00:17:26,390
NASA not only being the best of

284
00:17:29,950 --> 00:17:28,010
everything in terms of our space

285
00:17:31,990 --> 00:17:29,960
missions but in terms of how we do

286
00:17:34,930 --> 00:17:32,000
everything we're the best in the world

287
00:17:38,410 --> 00:17:34,940
and we've done great things and will

288
00:17:42,850 --> 00:17:38,420

continue to do unique and really

289
00:17:48,790 --> 00:17:42,860
inspiring things we are a visionary

290
00:17:51,790 --> 00:17:48,800
agency that we are in an RD world which

291
00:17:54,880 --> 00:17:51,800
explores which looks at the unknown

292
00:17:56,920 --> 00:17:54,890
there are no guarantees we see it

293
00:17:59,710 --> 00:17:56,930
shuttle liftoff and there's a sense of

294
00:18:01,779 --> 00:17:59,720
pride within NASA

295
00:18:04,180 --> 00:18:01,789
I carpool with some people from the USDA

296
00:18:05,590 --> 00:18:04,190
and I tease them alive is that you know

297
00:18:08,200 --> 00:18:05,600
do you get that sense of pride when you

298
00:18:10,630 --> 00:18:08,210
see USDA's left on that side of beef in

299
00:18:13,750 --> 00:18:10,640
the future as spacefaring Nations become

300
00:18:17,289 --> 00:18:13,760
more mature those that outside of Russia

301
00:18:20,080 --> 00:18:17,299
that will have more of the sharing role

302
00:18:23,860 --> 00:18:20,090
as we work together in 30 years NASA

303
00:18:26,620 --> 00:18:23,870
will be as it as it is today responsible

304
00:18:29,350 --> 00:18:26,630
for those things which make this country

305
00:18:32,799 --> 00:18:29,360
of civilized nation

306
00:18:37,510 --> 00:18:32,809
those are exploration and discovery and

307
00:18:39,910 --> 00:18:37,520
knowledge my vision for NASA would not

308
00:18:42,100 --> 00:18:39,920
only be that it be a technological and

309
00:18:46,000 --> 00:18:42,110
science innovator

310
00:18:48,460 --> 00:18:46,010
but also an agency that is view as one

311
00:18:52,090 --> 00:18:48,470
of the most prestigious and cultural

312
00:18:53,620 --> 00:18:52,100
diverse agencies when you look at me

313
00:18:57,610 --> 00:18:53,630

you're looking at the face of the future

314
00:18:59,650 --> 00:18:57,620
I mean women and minorities are going to

315
00:19:01,220 --> 00:18:59,660
be an important part of what NASA does

316
00:19:03,260 --> 00:19:01,230
in the future

317
00:19:05,570 --> 00:19:03,270
and I would love to be able to say I

318
00:19:08,180 --> 00:19:05,580
work for an organization that did

319
00:19:10,850 --> 00:19:08,190
something great for Humanity we impacted

320
00:19:15,590 --> 00:19:10,860
humanity we did something to to improve

321
00:19:17,810 --> 00:19:15,600
our life don't find it off there is a

322
00:19:21,200 --> 00:19:17,820
plaque displayed in the office of the

323
00:19:23,299 --> 00:19:21,210
NASA Administrator it represents the

324
00:19:26,230 --> 00:19:23,309
challenge that awaits the generation who

325
00:19:28,330 --> 00:19:26,240
will come and pick up the torch

326
00:19:32,080 --> 00:19:28,340
the plaque has been gathering dust long

327
00:19:35,590 --> 00:19:32,090
enough a new millennium awaits it's time