



1

00:02:17,709 --> 00:02:19,599

>> WALKING THROUGH THE KENNEDY
SPACE CENTER.

2

00:02:19,599 --> 00:02:25,159

I AM THE PRESIDENT OF THE
ASTRONAUT'S MEMORIAL FOUNDATION.

3

00:02:25,159 --> 00:02:28,810

TODAY IS NASA'S DAY OF
REMEMBRANCE, WHERE WE ALL ACROSS

4

00:02:28,810 --> 00:02:33,209

THE COUNTRY PAUSE AND REMEMBER
THOSE ASTRONAUTS WHO PAID THE

5

00:02:33,209 --> 00:02:36,709

ULTIMATE SACRIFICE FOR OUR
COUNTRY.

6

00:02:36,709 --> 00:02:40,180

BUT WE DO MORE THAN THAT ON THIS
DAY.

7

00:02:40,180 --> 00:02:44,230

WE DO MORE BY REMEMBERING THOSE
AND RENEWING OUR SPIRIT,

8

00:02:44,230 --> 00:02:49,090

RENEWING OUR COMMITMENT TO HUMAN
SPACE FLIGHT SO THEIR LOSS IS

9

00:02:49,090 --> 00:02:51,449

NOT IN VAIN.

>> THAT IS THE ULTIMATE WAY THAT

10

00:02:51,449 --> 00:02:56,680

WE HONOR THOSE GREAT AMERICANS.
AS WE BEEN OUR CEREMONY, PLEASE

11
00:02:56,680 --> 00:03:00,280
RISE FOR THE PRESENTATION OF THE
COLORS BY THE VIERA HIGH SCHOOL

12
00:03:00,280 --> 00:03:05,379
JUNIOR ARMY ROTC FOLLOWED BY THE
NATIONAL ANTHEM AND FOLLOWED BY

13
00:03:05,379 --> 00:03:12,290
THE DELAURA VOCAL SCHOOL
ENSEMBLE.

14
00:03:12,290 --> 00:04:09,060
\\M O SAY CAN YOU SEE \\M
\\M BY THE DAWN'S EARLY LIGHT \\M

15
00:04:09,060 --> 00:04:14,510
\\M WHAT SO PROUDLY WE HAILED \\M
\\M AT THE TWILIGHTS LAST GLEAMING

16
00:04:14,510 --> 00:04:20,219
\\M
\\M THROUGH THE BRIGHT STARS \\M

17
00:04:20,219 --> 00:04:26,860
\\M FOR THE PERILOUS FIGHT \\M
\\M O'ER THE RAMPARTS WE WATCHED \\M

18
00:04:26,860 --> 00:04:33,320
\\M WERE SO GALLANTLY STREAMING \\M
\\M AND THE ROCKETS RED GLARE \\M

19
00:04:33,320 --> 00:04:37,280
\\M THE BOMBS BURSTING IN AIR \\M
\\M GAVE PROOF THROUGH THE NIGHT \\M

20
00:04:37,280 --> 00:04:40,460
\\M THAT OUR FLAG WAS STILL THERE
\\M

21
00:04:40,460 --> 00:04:43,280
\\M OH SAY DOES THAT STAR SPANGLE
\\M

22
00:04:43,280 --> 00:04:54,830
\\M EVER YET WAY \\M
\\M O'ER THE LAND OF THE FREE \\M

23
00:04:54,830 --> 00:05:37,209
\\M AND THE HOME OF THE BRAVE \\M
\\M

24
00:05:37,209 --> 00:05:55,180
>> THANK YOU, PLEASE BE SEATED.
FOR OUR INVITATION, I'D LIKE TO

25
00:05:55,180 --> 00:05:59,460
INTRODUCE CHARLIE DUKE.
CHARLIE DUKE RETIRED BRIGADIER

26
00:05:59,460 --> 00:06:07,580
AIR FORCE, THE LUNAR PILOT FOR
APOLLO 16 AND IS THE YOUNGEST

27
00:06:07,580 --> 00:06:22,110
MAN TO HAVE WALKED ON THE MOON.
[APPLAUSE]

28
00:06:22,110 --> 00:06:26,500
>> THANK YOU VERY MUCH FOR YOUR
WARM WELCOME, INTRODUCTION.

29
00:06:26,500 --> 00:06:31,610
IT'S A GREAT HONOR FOR ME TO BE
HERE ON THIS DAY AND BE A PART

30
00:06:31,610 --> 00:06:37,569
OF THE REMEMBRANCE IN THE LIFE
OF FRIENDS.

31
00:06:37,569 --> 00:06:42,930
SO LET US PRAY.
OUR FATHER, AS WE GATHER

32
00:06:42,930 --> 00:06:46,650
TOGETHER TO PAY TRIBUTE AND
REMEMBER OUR FELLOW ASTRONAUTS,

33
00:06:46,650 --> 00:06:50,580
WHO GAVE THEIR LIVES AND SERVICE
TO OUR NATION AND ITS SPACE

34
00:06:50,580 --> 00:06:54,639
PROGRAM, WE ASK FOR YOUR
BLESSINGS ON THIS MEMORIAL

35
00:06:54,639 --> 00:06:58,290
EVENT.
SO MANY YEARS HAVE PASSED SENSE

36
00:06:58,290 --> 00:07:02,400
THEIR DEPARTURE FROM THIS EARTH.
OUR SENSE OF LOSS IS NO LESS

37
00:07:02,400 --> 00:07:06,509
ACCU-
BY THEIR SERVICE, DEDICATION AND

38
00:07:06,509 --> 00:07:10,569
COMMITMENT, THEY HELPED EXPAND
THE KNOWLEDGE OF THE UNIVERSE

39
00:07:10,569 --> 00:07:13,460
AND HELPED PAVE THE WAY FOR OUR
FUTURE MISSIONS TO FURTHER

40
00:07:13,460 --> 00:07:19,949
UNDERSTAND THIS INCREDIBLE
UNIVERSE WHICH HAVE YOU CREATED.

41
00:07:19,949 --> 00:07:23,270
IN THE SCRIPTURES THE HEAVENS
DECLARE THE GLORY OF GOD.

42
00:07:23,270 --> 00:07:26,729
THE SKIES PROCLAIM THE WORKS OF
YOUR HANDS.

43
00:07:26,729 --> 00:07:30,460
LORD, WE ACKNOWLEDGE YOUR
PRESENCE HERE TODAY AND THANK

44
00:07:30,460 --> 00:07:33,490
YOU FOR YOUR BLESSINGS UPON OUR
NATION.

45
00:07:33,490 --> 00:07:38,650
MAY YOUR GRACE, LOVE AND MERCY
BE UPON THE FAMILIES OF THOSE WE

46
00:07:38,650 --> 00:07:41,770
HONOR TODAY.
LORD, CONTINUE TO LEAD OUR

47
00:07:41,770 --> 00:07:45,700
NATION INTO ALL RIGHTEOUSNESS
AND JUSTICE AND MAY WE TRULY BE

48
00:07:45,700 --> 00:07:53,509
ONE NATION UNBROKEN IF JESUS' NAME
I PRAY.

49
00:07:53,509 --> 00:07:59,229
AMEN.
THANK YOU.

50
00:07:59,229 --> 00:08:04,970
>> THANK YOU, GENERAL DUKE.
TODAY WE ARE PAYING A SPECIAL

51
00:08:04,970 --> 00:08:09,680
TRIBUTE TO THE APOLLO 1
ASTRONAUT WHO 50 YEARS AGO

52
00:08:09,680 --> 00:08:19,510
TOMORROW BID A TEST ON THE TASK.
IN ADDITION TO HONORING THE

53
00:08:19,510 --> 00:08:22,279
PAST, THE ASTRONAUTS MEMORIAL
FOUNDATION WORKING WITH OUR

54
00:08:22,279 --> 00:08:26,389
PARTNERS, NASA IN DELAWARE NORTH
THE OPERATOR OF THE KENNEDY

55
00:08:26,389 --> 00:08:30,800
SPACE CENTER VISITOR COMPLEX, WE
WORK TOGETHER TO INSPIRE FUTURE

56
00:08:30,800 --> 00:08:34,229
GENERATIONS OF SCIENTISTS,
TECHNOLOGIES, ENGINEERS AND

57
00:08:34,229 --> 00:08:38,569
MATHEMATICIANS RIGHT HERE IN OUR
CENTER FOR SPACE EDUCATION WHERE

58
00:08:38,569 --> 00:08:41,550
YOU ARE SITTING RIGHT NOW.
WE HAVE SOME GUESTS HERE AS AN

59
00:08:41,550 --> 00:08:44,150
EXAMPLE OF MANY STUDENTS THAT
COME THROUGH THE ASTRONAUT

60
00:08:44,150 --> 00:08:47,380
MEMORIAL FOUNDATION BUSINESS
CENTER HERE AT KENNEDY.

61
00:08:47,380 --> 00:08:52,010
WE KNOW WHAT TRULY POWERS ROCKS,
IS NOT ROCKET FUEL, IT'S BRAIN

62
00:08:52,010 --> 00:08:56,120
POWER THAT POWERS A ROCKET.
SO I'D LIKE THE STUDENTS FROM

63
00:08:56,120 --> 00:09:00,190
APOLLO ELEMENTARY, THE APOLLO
ELEMENTARY EAGLES AS IN THE

64
00:09:00,190 --> 00:09:09,640
EAGLE HAS LANDED, PLEASE STAND.
[APPLAUSE]

65
00:09:09,640 --> 00:09:19,260
THERE ARE A FEW PEOPLE I'D LIKE
TO INTRODUCE HERE.

66
00:09:19,260 --> 00:09:22,480
OF COURSE, THERE ARE SO MANY
SPECIAL REMARKABLE COMPONENTS,

67
00:09:22,480 --> 00:09:29,810
WE CAN GO WELL INTO THE WEEKEND.
FIRST, I'D LIKE TO START THE

68
00:09:29,810 --> 00:09:32,980
FORMER DIRECTOR JAY HONEYCUTT
AND FORMER BOARD MEMBER OF THE

69
00:09:32,980 --> 00:09:42,029
ASTRONAUT MEMORIAL FOUNDATION.
[APPLAUSE]

70
00:09:42,029 --> 00:09:45,060
PAST CHAIRMAN OF THE ASTRONAUT
MEMORIAL BOARD, FIRST OUR

71
00:09:45,060 --> 00:09:49,440
FOUNDER, ARCHITECT ALLEN
TILLMAN, A FORMER ASTRONAUT JOHN

72
00:09:49,440 --> 00:09:57,069
McBRIDE AND FORMER PROPULSION
ENGINEER LEE STALIN.

73
00:09:57,069 --> 00:10:06,170
[APPLAUSE]
AND, OF COURSE, THE REMARKABLE

74
00:10:06,170 --> 00:10:09,991
HUMAN BEINGS WE HAVE HERE THAT
CENTERS AROUND WHAT WE DO, OUR

75
00:10:09,991 --> 00:10:12,910
APOLLO ASTRONAUTS.
I'D LIKE TO INTRODUCE BUZZ

76
00:10:12,910 --> 00:10:18,139
ALDRON, MICHAEL COLLIN, CHARLIE
DUKE AND CHARLES STAFFORD.

77
00:10:18,139 --> 00:10:31,380
PLEASE STAND SO WE CAN RECOGNIZE
YOU.

78
00:10:31,380 --> 00:10:47,910
OUR SNOW ASTRONAUT JOHN McBRIDE,
BOB CABANA, WINSTON SCOTT.

79
00:10:47,910 --> 00:10:50,120
AND FINALLY, OUR EXISTING
ASTRONAUTS.

80
00:10:50,120 --> 00:10:58,530
WE HOPE THESE NUMBERS WILL GROW.
REX WALHEIM, PAT FORESTER AND

81

00:10:58,530 --> 00:11:04,849

JOSH

[INAUDIBLE]

82

00:11:04,849 --> 00:11:08,010

.

[APPLAUSE]

83

00:11:08,010 --> 00:11:13,929

FINALLY, MOST IMPORTANTLY, I
WOULD LIKE TO RECOGNIZE THE

84

00:11:13,929 --> 00:11:17,579

ASTRONAUT FAMILY MEMBERS WHO
TRULY HAVE PAID THE ULTIMATE

85

00:11:17,579 --> 00:11:23,070

SACRIFICE.

FIRST, I'D LIKE TO START AND I

86

00:11:23,070 --> 00:11:26,459

MIGHT SAY WE HAVE A SPECIAL
PLACE IN OUR HEARTS FOR THESE

87

00:11:26,459 --> 00:11:29,740

FAMILIES AND THEY ARE VERY MUCH
A PART OF OUR MISSION, HERE WITH

88

00:11:29,740 --> 00:11:33,650

THE ASTRONAUT MEMORIAL
FOUNDATION, NASA, DELAWARE

89

00:11:33,650 --> 00:11:36,160

NORTH.

I'LL HEART IS WITH MARTHA

90

00:11:36,160 --> 00:11:42,340

CHAFEE, WIDOW OF ASTRONAUT ROGER
CHAFEE.

91

00:11:42,340 --> 00:11:51,209

MARTHA.

[APPLAUSE]

92

00:11:51,209 --> 00:11:55,660

BONNIE WHITEBEAR THE DAUGHTER OF
APOLLO 1 ASTRONAUT, TED WHITE

93

00:11:55,660 --> 00:12:02,610

SECOND.

[APPLAUSE]

94

00:12:02,610 --> 00:12:16,490

VIRGIL "GUS" GRISSOM,

[APPLAUSE]

95

00:12:16,490 --> 00:12:24,130

UNLIKE FOR ALL THE FAMILY
MEMBERS HERE SUPPORTING OUR

96

00:12:24,130 --> 00:12:28,250

ASTRONAUTS THAT WE ARE HONORING
HERE TODAY AS WELL AS ALL

97

00:12:28,250 --> 00:12:33,150

FAMILIES FROM ALL OF OUR
ASTRONAUTS THAT WE HONOR THAT

98

00:12:33,150 --> 00:12:35,580

HAVE GIVEN THEIR LIFE AND
SERVICE FOR THE COUNTRY, PLEASE

99

00:12:35,580 --> 00:12:38,470

STAND FOR EVERYBODY TO SEE.
WHAT A GREAT TURNOUT WE HAVE

100

00:12:38,470 --> 00:12:53,890

HERE TODAY.

[APPLAUSE]

101
00:12:53,890 --> 00:12:58,100
THANK YOU.
YOU KNOW, WE HONORED 24

102
00:12:58,100 --> 00:13:01,450
ASTRONAUTS, TWO COLOMBIA
ASTRONAUTS, APOLLO 1 AND

103
00:13:01,450 --> 00:13:03,449
NUMEROUS OTHER TRAINING
ASTRONAUTS.

104
00:13:03,449 --> 00:13:10,010
I'D LIKE TO INTRODUCE YOU TO
FAMILY MEMBER, KAREN STEPHENSON,

105
00:13:10,010 --> 00:13:15,620
FREEDOM THOMPSON.OF STILLER
FREEMAN, JIM SKOEBY ROGERS WIDOW

106
00:13:15,620 --> 00:13:23,500
OF CHALLENGER ASTRONAUT DIG
SKOEBEE, JIM'S DAUGHTER, MARY

107
00:13:23,500 --> 00:13:28,030
CURTIS, ASTRONAUT CLIFTON
WILLIAMS.

108
00:13:28,030 --> 00:13:41,120
PLEASE STAND.
[APPLAUSE]

109
00:13:41,120 --> 00:13:44,030
WE WELCOME YOU IN THIS TRIBUTE,
IT'S FOR YOU.

110
00:13:44,030 --> 00:13:47,360
THANK YOU FOR YOUR SACRIFICE IN
THIS GREAT PURSUIT OF HUMAN

111

00:13:47,360 --> 00:13:52,199

EXPLORATION OF SPACE.

WITHOUT YOU AND THE SUPPORT OF

112

00:13:52,199 --> 00:13:55,290

THE FAMILIES, THIS SHOULD NOT BE

POSSIBLE OUR ASTRONAUTS

113

00:13:55,290 --> 00:13:58,680

REPEATEDLY SAY THE MOST

IMPORTANT THING FOR THEM ARE

114

00:13:58,680 --> 00:14:07,780

THEIR FAMILIES.

>> GOOD MORNING, MY NAME IS

115

00:14:07,780 --> 00:14:11,439

EILEEN COWAN, I'M A FORMER

ASTRONAUT AND CURRENTLY THE

116

00:14:11,439 --> 00:14:13,930

CHAIRMAN OF THE ASTRONAUT

MEMORIAL FOUNDATION ASSOCIATION.

117

00:14:13,930 --> 00:14:17,240

TODAY WE ARE HERE TO REMEMBER

THE BRAVERY OF THE THREE APOLLO

118

00:14:17,240 --> 00:14:20,790

1 ASTRONAUTS THAT GAVE THEIR

LIVES IN SPACE EXPLORATION.

119

00:14:20,790 --> 00:14:25,690

THIS IS A RISK THAT WE WERE

TAKING AND TRYING TO GET PEOPLE

120

00:14:25,690 --> 00:14:28,079

TO THE MOON.

IT SHOWS THE IMPORTANCE OF WHAT

121

00:14:28,079 --> 00:14:31,440

THAT MISSION WAS AND I BELIEVE
THAT MANY IN MY GENERATION

122

00:14:31,440 --> 00:14:35,209

DECIDED THAT THEY WANTED TO BE
ASTRONAUTS BECAUSE OF WHAT WE

123

00:14:35,209 --> 00:14:38,429

LEARNED IN THE APOLLO PROGRAM.
AND IT WAS THE ASTRONAUT'S

124

00:14:38,429 --> 00:14:43,829

FLIGHT GUS GRISSOM, ED WHITE AND
ROGER CHAFEE THAT INSPIRED ME TO

125

00:14:43,829 --> 00:14:47,200

START MATH AND SCIENCE IN SCHOOL
AND JOIN THE AIR FORCE TO BECOME

126

00:14:47,200 --> 00:14:50,589

A PILOT AND ESSENTIALLY APPLY TO
THE ASTRONAUT PROGRAM MYSELF

127

00:14:50,589 --> 00:14:53,709

SOME DAY.
THEIR DEDICATION AND BRAVERY AN

128

00:14:53,709 --> 00:15:00,909

SERVICE TO THE MISSION WILL
NEVER BE FORGOTTEN.

129

00:15:00,909 --> 00:15:09,790

>> IT'S JUST LIKE ANY OTHER
NATIONAL TRAGEDY, YOU CAN

130

00:15:09,790 --> 00:15:14,790

REMEMBER WHERE YOU WERE AND WHAT
YOU WERE DOING AT THE TIME.

131

00:15:14,790 --> 00:15:20,339

WELL IT'S THE SAME WAY WITH
THOSE MISSIONS, THOSE LAUNCHES

132

00:15:20,339 --> 00:15:24,610

AS WELL AS THOSE TRAGEDIES.
IT WAS JANUARY 27th, 1967.

133

00:15:24,610 --> 00:15:31,620

THOSE TWO DAYS AT THE KENNEDY
SPACE CENTER MULTIPLE

134

00:15:31,620 --> 00:15:40,850

SPACECRAFT, APOLLO 1, MISSION 34
DOING A MAJOR TEST BUT STILL

135

00:15:40,850 --> 00:15:43,850

ROUTINE.
THE ASTRONAUTS INVOLVED WERE GUS

136

00:15:43,850 --> 00:15:46,860

GRISSOM, ED WHITE AND ROGER
CHAFEE.

137

00:15:46,860 --> 00:15:59,659

DURING THE TASK, THEY WERE IN AN
ENVIRONMENT WITH 100% OXYGEN,

138

00:15:59,659 --> 00:16:05,789

SOMETHING IGNITED INSIDE THE
CABIN IN THAT ENVIRONMENT, THE

139

00:16:05,789 --> 00:16:14,020

FIRE QUICKLY PROPAGATED AND
BEFORE ANYBODY HAD A CHANCE TO

140

00:16:14,020 --> 00:16:19,919

ACT, THE MEN DIED AS A RESULT OF
THAT FIRE.

141

00:16:19,919 --> 00:16:22,600

>> IT WAS ALL OVER IN ONE
HORRIFYING SECOND.

142

00:16:22,600 --> 00:16:28,689

AS DAWN ROSE THIS MORNING, ON
THE FAN CAPE CANAVERAL, IT WAS A

143

00:16:28,689 --> 00:16:31,850

TRAGEDY.

>> THE SIGNIFICANCE OF APOLLO 1

144

00:16:31,850 --> 00:16:37,850

WAS TWOFOLD.

IT WAS THOUGHT OUT TO EVERYBODY

145

00:16:37,850 --> 00:16:45,350

IN SOCIETY THE RISKS ASSOCIATED
WITH ANY HUMAN SPACE FLIGHT.

146

00:16:45,350 --> 00:16:46,350

IT ALSO INDICATED THAT
SIGNIFICANT CHANGES WERE NEEDED

147

00:16:46,350 --> 00:16:59,600

IN THE DESIGN OF THE STAFF AND
EXPECTATIONS AT THAT TIME GIVING

148

00:16:59,600 --> 00:17:03,660

THEIR STATEMENT AT THE TIME.

I THINK HISTORY SHOULD REMEMBER

149

00:17:03,660 --> 00:17:20,120

THE APOLLO 1 THEME, OUR LEADERS
REALLY TOOK THE FIRST STEP AND

150

00:17:20,120 --> 00:17:21,510

PROBABLY THE MOST IMPORTANT STEP
IN GETTING US

151
00:17:21,510 --> 00:17:28,970
[INAUDIBLE]

152
00:17:28,970 --> 00:17:43,889
>>
[MUSIC PLAYING]

153
00:17:43,889 --> 00:18:00,340
[APPLAUSE]
>> I'D LIKE TO INTRODUCE ROBERT

154
00:18:00,340 --> 00:18:08,150
LIGHTFOOT AS A SPEAKER, HE IS A
FORMER DIRECTOR IN HUNTSVILLE,

155
00:18:08,150 --> 00:18:14,220
ALABAMA, AN ASSOCIATE
ADMINISTRATOR IN NASA AND NOW IS

156
00:18:14,220 --> 00:18:19,880
SERVING AS THE ACTING
ADMINISTRATOR OF NASA, AMERICA'S

157
00:18:19,880 --> 00:18:27,299
SPACE AGENCY.
MR. LIGHTFOOT.

158
00:18:27,299 --> 00:18:32,130
[APPLAUSE]
>> THANKS, THANKS FOR EVERYTHING

159
00:18:32,130 --> 00:18:36,030
EVERYONE BEING HERE, IT'S TRULY
AN HONOR BEING HERE WITH SO MANY

160
00:18:36,030 --> 00:18:40,230
FRIEND AND FAMILY, MEMBERS OF
OUR NASA TEAM.

161

00:18:40,230 --> 00:18:43,440

WE DO BELIEVE NASA IS A FAMILY
AND I SPECIFICALLY WANT TO

162

00:18:43,440 --> 00:18:47,030

WELCOME THE FAMILIES AND WELCOME
FOR YOUR SACRIFICE IN BEING WITH

163

00:18:47,030 --> 00:18:51,900

US HERE TODAY.
OUR WORK AT NASA IS SO GENERAL

164

00:18:51,900 --> 00:18:55,120

GENERATIONAL, SO INSPIRATIONAL.
I THINK IT'S AWESOME WE HAVE

165

00:18:55,120 --> 00:18:59,110

KIDS HERE JOINING US TODAY.
MY GENERATION STANDS ON THE

166

00:18:59,110 --> 00:19:02,350

SHOULDERS OF THESE GIANTS THEY
WERE HONORING AND RECOGNIZING

167

00:19:02,350 --> 00:19:06,770

TODAY.
THOSE GIANTS STARTED THIS

168

00:19:06,770 --> 00:19:09,950

BUSINESS OF US TRAVELING FURTHER
INTO SPACE AND BREAKING THE

169

00:19:09,950 --> 00:19:13,510

BONDS OF GRAVITY.
IT STARTED US ON THAT.

170

00:19:13,510 --> 00:19:16,980

WE GOT TO CONTINUE THAT EVEN
FURTHER AND LEARN THE LESSONS

171

00:19:16,980 --> 00:19:21,610

FROM THE PAST.

EVERY YEAR AT THIS TIME NASA

172

00:19:21,610 --> 00:19:26,191

REMEMBERS ALL OF OUR BRAVE

FAMILY MEMBERS WHO LOST AND HAVE

173

00:19:26,191 --> 00:19:29,940

GIVEN THEIR, GIVEN EVERYTHING,

THE FULL SACRIFICE TO ADVANCE

174

00:19:29,940 --> 00:19:32,870

THIS MISSION OF EXPLORATION THAT

WE BELIEVE IN, THAT HUMANITY

175

00:19:32,870 --> 00:19:37,330

BELIEVES IN SO MUCH.

PARTICULARLY POIGNANT YOU SEE

176

00:19:37,330 --> 00:19:42,090

THIS YEAR BECAUSE IT MARKS 50

YEARS SINCE APOLLO 1.

177

00:19:42,090 --> 00:19:43,620

WE KNOW WE WILL NEVER FORGET

THEM.

178

00:19:43,620 --> 00:19:48,830

WE OH A GAIT DEBT TODAY FOR WHAT

THEY TAUGHT US AND WHAT WE LEARN

179

00:19:48,830 --> 00:19:51,149

AND HOW WE GOT TO CONTINUE THE

JOURNEY.

180

00:19:51,149 --> 00:19:55,460

WE ALSO WILL NEVER FORGET THE

CREW MEMBERS OF CHALLENGER AND

181

00:19:55,460 --> 00:19:59,059

COLOMBIA AND OTHER MEMBERS OF
OUR TEAMS THAT HAVE SACRIFICED

182

00:19:59,059 --> 00:20:03,590

ALL GETTING US TO THIS POINT AS
AN AGENCY.

183

00:20:03,590 --> 00:20:06,529

AS I SAID LAST NIGHT AT A
SPECIAL DINNER GOER THE APOLLO 1

184

00:20:06,529 --> 00:20:09,070

FAMILY, WE HAVE SCHOESEN A TOUGH
BUSINESS.

185

00:20:09,070 --> 00:20:13,049

AN UNFORGIVING BUSINESS.
BUT THE REWARD FOR THAT IS THE

186

00:20:13,049 --> 00:20:16,409

PURSUIT OF KNOWLEDGE AND
ADVANCEMENT OF WHAT WE LEARN AS

187

00:20:16,409 --> 00:20:19,519

HUMAN BEINGS.
IT'S WRITTEN IN OUR SOUL, IN OUR

188

00:20:19,519 --> 00:20:23,639

DNA TO CONTINUE THAT JOURNEY.
AND THESE FOLKS COMMITTED

189

00:20:23,639 --> 00:20:26,330

EVERYTHING TO THAT JOURNEY AND
WE SHOULD LEARN FROM THAT AND

190

00:20:26,330 --> 00:20:30,419

MAKE SURE WE DON'T REPEAT THOSE
MISTAKES GOING FORWARD.

191

00:20:30,419 --> 00:20:34,570

I KNOW EVERY MEMBER OF THE NASA
FAMILY HAS THE UTMOST RESPECT

192

00:20:34,570 --> 00:20:38,409

FOR THE BRAVE MEN AND WOMEN WHO
HAVE SACRIFICED AND ATTEMPTED TO

193

00:20:38,409 --> 00:20:42,410

DO THIS HARD THING OF BREAKING
THE BONDS OF GRAVITY MOVING

194

00:20:42,410 --> 00:20:45,080

FORWARD.
EACH OF US IS KIND OF DRAWN INTO

195

00:20:45,080 --> 00:20:48,520

THIS PURSUIT.
I SAID LAST NIGHT, IT'S AS MUCH

196

00:20:48,520 --> 00:20:54,100

A HOBBY AS IT IS A JOB FOR US, A
PASSION, OF MAKING SURE THAT WE

197

00:20:54,100 --> 00:20:57,440

KEEP PUSHING THE ENVELOPE, KEEP
PUSHING FURTHER THAT DREAM OF

198

00:20:57,440 --> 00:20:59,990

DISCOVERY.
THAT DREAM OF LEARNING SOMETHING

199

00:20:59,990 --> 00:21:03,120

WE DIDN'T KNOW.
THAT'S WHAT WE NEED TO KEEP

200

00:21:03,120 --> 00:21:06,950

DOING, WHERE WE CAN'T FORGIVE.
WE CAN'T FORGET OUR FALLEN

201
00:21:06,950 --> 00:21:10,899
HEROES AND THEY ARE HEROES.
TO THOSE OF US IN MY GENERATION

202
00:21:10,899 --> 00:21:15,309
WHO WATCHED AS THESE FOLKS
PUSHED THAT ENVELOPE AND

203
00:21:15,309 --> 00:21:19,000
ULTIMATELY GOT US TO THE MOON,
THAT'S WHY I'M HERE.

204
00:21:19,000 --> 00:21:22,789
THAT'S WHY MOST OF THE PEOPLE IN
MY GENERATION ARE HERE.

205
00:21:22,789 --> 00:21:26,549
OUR GENERATION NOT JUST FOR THAT
GENERATION, TO KEEP DOING IT.

206
00:21:26,549 --> 00:21:29,270
EVERY TIME WE DO THAT, WE NEED
NOT TO FORGET WHAT WE LEARNED

207
00:21:29,270 --> 00:21:33,260
ALONG THE WAY SO WE CAN KEEP
GROWING AND KEEP GOING FORWARD.

208
00:21:33,260 --> 00:21:37,480
SOME MEMORIAL AT THE END OF IT,
A PLAQUE READS, REMEMBER THEM

209
00:21:37,480 --> 00:21:41,429
NOT FOR HOW THEY DIED BUT FOR
THOSE IDEALS FOR WHICH THEY

210
00:21:41,429 --> 00:21:44,720
LIVED.
I THINK THAT'S A TREMENDOUS

211

00:21:44,720 --> 00:21:46,600

STATEMENT.

I WANT EVERYONE HERE, ESPECIALLY

212

00:21:46,600 --> 00:21:50,879

THE FAMILY MEMBERS HERE WITH US

TO KNOW WE REMEMBER THESE AS

213

00:21:50,879 --> 00:21:53,620

HEROES OF OUR SPACE EXPLORATION
PROGRAM.

214

00:21:53,620 --> 00:21:58,490

BUT WE ALSO RECOGNIZE THESE WERE
MOTHERS, FATHERS, BROTHERS,

215

00:21:58,490 --> 00:22:05,649

SISTERS, SON, DAUGHTERS AS WELL.
FOR US THEY EXEMPLIFY THE SPIRIT

216

00:22:05,649 --> 00:22:07,620

THAT HELPED US GET WHERE WE ARE
TODAY.

217

00:22:07,620 --> 00:22:11,039

WE WILL BUILD OFF THAT SPIRIT AS
WE CONTINUE TO PUSH HUMANS

218

00:22:11,039 --> 00:22:17,549

FURTHER AND FURTHER INTO SPACE.
THEY WILL NOT BE FORGOTTEN.

219

00:22:17,549 --> 00:22:21,700

GOD SPEED AND APOLLO 1,
CHALLENGER, COLOMBIA, ALL

220

00:22:21,700 --> 00:22:25,269

MEMBERS OF OUR FAMILY THAT HAVE
FALLEN IN THE LINE OF DUTY HERE

221
00:22:25,269 --> 00:22:31,210
AND AT NASA.
THANK YOU.

222
00:22:31,210 --> 00:22:42,090
[APPLAUSE]
>> I'D LIKE TO INTRODUCE OUR KEY

223
00:22:42,090 --> 00:22:50,379
NOTE SPEAKER HERE TODAY VERY
CLOSE TO OUR FAMILY MEMBER,

224
00:22:50,379 --> 00:22:58,260
MICHAEL COLLINS, HE'S A NASA
ASTRONAUT THAT FLEW A LUNAR

225
00:22:58,260 --> 00:23:03,050
PILOT ON APOLLO 11, THE FIRST
MAN LANDING ON THE MOON, AS HE

226
00:23:03,050 --> 00:23:08,110
WAS CIRCLING THE MOON THAT MAN
BACK THERE BUZZ ALDRON WAS

227
00:23:08,110 --> 00:23:11,150
WALKING ON THE MOON.
THANK YOU FOR BEING HERE, IT'S

228
00:23:11,150 --> 00:23:22,970
VERY SPECIAL YOU HAVE US HERE.
[APPLAUSE]

229
00:23:22,970 --> 00:23:27,490
>> SO I'D LIKE TO INTRODUCE
APOLLO ASTRONAUT MICHAEL

230
00:23:27,490 --> 00:23:39,080
COLLINS.
[APPLAUSE]

231

00:23:39,080 --> 00:23:48,749

>> HI, YOUR GRACIOUS TO BRING
BACK SO MANY MEMORIES.

232

00:23:48,749 --> 00:23:56,809

GOOD AND BAD.
AND THEN OLD FRIENDS, DEAD END

233

00:23:56,809 --> 00:24:03,749

OF LIVES, CHALLENGER COLOMBIA,
TODAY WE'RE NOT HERE FOR A SPACE

234

00:24:03,749 --> 00:24:07,940

LAUNCH.
NO LAUNCH THIS TIME.

235

00:24:07,940 --> 00:24:14,029

BUT JUST AS IMPORTANT TO
CONTEMPLATE A LAUNCH WHICH DID

236

00:24:14,029 --> 00:24:19,480

NOT TAKE PLACE BUT WHICH IN MANY
WAYS WAS AS IMPORTANT AS ANY

237

00:24:19,480 --> 00:24:23,759

WHICH FLEW LATER.
WITHOUT ABOLL LO 1 AND THE

238

00:24:23,759 --> 00:24:29,539

LESSONS LEARNED FROM IT, IN ALL
PROBABILITY, SUCH A FIRE WOULD

239

00:24:29,539 --> 00:24:36,190

HAVE TAKEN PLACE LATER IN FLIGHT
AND NOT ONLY TO THE CREW BUT THE

240

00:24:36,190 --> 00:24:41,429

ENTIRE SPACECRAFT WOULD HAVE
BEEN LOST AND NASA WITH NO

241

00:24:41,429 --> 00:24:46,210

MACHINERY TO EXAMINE COULD ONLY
GUESS AT THE CAUSES AND HOW TO

242

00:24:46,210 --> 00:24:50,190

PREVENT STILL ANOTHER
OCCURRENCE.

243

00:24:50,190 --> 00:24:56,920

YES, APOLLO 1 DID CAUSE THREE
DEATHS, BUT I BELIEVE IT SAVED

244

00:24:56,920 --> 00:25:02,990

MORE THAN THREE LATER.
IT SLOWED THINGS DOWN FOR A YEAR

245

00:25:02,990 --> 00:25:08,230

OR SO, BUT WE GAINED MORE THAN A
YEAR IN TIME BECAUSE OF

246

00:25:08,230 --> 00:25:13,240

INCREASED RELIABILITY THAT
PERMITTED FLIGHT SCHEDULE LATER

247

00:25:13,240 --> 00:25:18,879

ON WITHOUT IT.
VERY LIKELY WE WOULD HAVE NOT

248

00:25:18,879 --> 00:25:24,380

LANDED ON THE MOON AS A
PRESIDENT AND WISHED BY THE END

249

00:25:24,380 --> 00:25:31,559

OF THE DECADE.
LISTEN, WHITE, CHAFEE, KENNEDY.

250

00:25:31,559 --> 00:25:35,679

I THINK THESE FOUR NAMES ARE
APPROPRIATELY MENTIONED IN THE

251

00:25:35,679 --> 00:25:39,720

SAME BREATH.

BUT TODAY I'D LIKE TO DESCRIBE

252

00:25:39,720 --> 00:25:44,029

WHY THEY WERE CHOSEN FOR THIS

GREAT HONOR.

253

00:25:44,029 --> 00:25:49,820

THE CREW WHICH WAS GOING TO GO

WAY BEYOND ANYTHING ANYONE HAD

254

00:25:49,820 --> 00:25:54,950

DONE BEFORE.

OUR ASTRONAUT USED TO SAY HE

255

00:25:54,950 --> 00:25:58,940

CONSIDERED ALL CREWS TO BE THE

SAME.

256

00:25:58,940 --> 00:26:02,809

I THINK HE MEANT THAT ALL WERE

FULLY QUALIFIED.

257

00:26:02,809 --> 00:26:08,409

BUT BEYOND THAT, THINK ABOUT THE

END OF THE GEMINI PROGRAM AND

258

00:26:08,409 --> 00:26:17,360

PUT YOURSELF IN THEIR SHOES.

I MEAN, HE AND ALL OF THE NATION

259

00:26:17,360 --> 00:26:22,139

WERE LOOKING TOWARDS A WHOLE NEW

DIMENSION, A LUNAR CAPABLE

260

00:26:22,139 --> 00:26:25,120

CRAFT.

WHO DO YOU TRUST WITH THIS GIANT

261

00:26:25,120 --> 00:26:28,450

RESPONSIBILITY?

RESPONSIBILITY OF DEVELOPING

262

00:26:28,450 --> 00:26:35,520

SUCH A CRAFT.

GUS GRISSOM, GUS HAD MADE THE

263

00:26:35,520 --> 00:26:40,139

SECOND MERCURY FLIGHT AND THE

FIRST GEMINI FLIGHT, SO HE WAS

264

00:26:40,139 --> 00:26:45,059

AS EXPERIENCED AS ANYONE AND HE

WAS SINGLE MINDEDLY DEVOTED TO

265

00:26:45,059 --> 00:26:48,320

THE PROGRAM.

BEYOND THAT, HE HAD A TALENT FOR

266

00:26:48,320 --> 00:26:51,700

ENGINEERING THAT PUT HIM AT THE

TOP.

267

00:26:51,700 --> 00:26:54,669

HE WAS A GOOD TEST PILOT.

SURE.

268

00:26:54,669 --> 00:26:58,429

BUT BEYOND THAT, HE HAD A

FASCINATION WITH ALMOST A LOVE

269

00:26:58,429 --> 00:27:05,119

FOR THE COMPLEX NEW MACHINERY

AND HE HAD TO EXAMINE CRITICALLY

270

00:27:05,119 --> 00:27:11,379

TO LEARN AND TO MASTER, IF YOU

WERE LOOKING FOR GUS, TRY NIGHT

271

00:27:11,379 --> 00:27:16,490

SHIFT AT THE FACTORY.

HE'D BE TLT IN THE COCKPIT.

272

00:27:16,490 --> 00:27:21,950

HE PICKED ED WHITE.

I KNEW ED WHITE LONG BEFORE

273

00:27:21,950 --> 00:27:26,249

THERE WAS A SPACE PROGRAM IN THE

AUTUMN OF 1948.

274

00:27:26,249 --> 00:27:32,789

GOOD GRIEF.

COMING UP ON SEVEN YEARS.

275

00:27:32,789 --> 00:27:38,259

ANYWAY, I FIRST CAUGHT SIDE OF

ED WHITE WHEN WE WERE A

276

00:27:38,259 --> 00:27:42,059

FRESHMAN, HE WAS PLEASED AT WEST

POINT.

277

00:27:42,059 --> 00:27:44,159

WE WERE TRYING OUT FOR THE

SOCCER TEAM.

278

00:27:44,159 --> 00:27:50,710

THERE WERE ABOUT 60 OF US AND A

HUGE FIELD.

279

00:27:50,710 --> 00:27:54,610

DISORGANIZED PEOPLE RUNNING

EVERYWHERE AND KICKING ONE

280

00:27:54,610 --> 00:27:59,690

ANOTHER.

I REMEMBER A MASS OF

281

00:27:59,690 --> 00:28:06,100

NON-DESCRIPT BODIES WITH ONE
RED-HAIRED STREAK WEAVING

282

00:28:06,100 --> 00:28:11,090

THROUGH THEM.
FASTER AND STRONGER THAN ALL THE

283

00:28:11,090 --> 00:28:16,360

REST.
ED LATER ABANDONED SOCCER FOR

284

00:28:16,360 --> 00:28:22,710

TRACK AND HE WAS ON THE ACADEMY
MILE RELAY TEAM, WHICH WAS ONE

285

00:28:22,710 --> 00:28:27,409

OF THE ONES THAT WAS RANKED VERY
HIGH IN THE WHOLE COUNTRY.

286

00:28:27,409 --> 00:28:32,159

ED TOOK TO THE AIR FORCE KIND OF
LIKE A DUCK TO WATER, A FIGHTER

287

00:28:32,159 --> 00:28:36,950

PILOT, EXPERIMENTAL TEST PILOT.
NASA'S DEGREE.

288

00:28:36,950 --> 00:28:42,330

BUT IN ADDITION TO ALL THAT
ATHLETIC AND FLYING STUFF, ED

289

00:28:42,330 --> 00:28:49,320

STOOD OUT AS A OUTSPOKEN
PATRIOT.

290

00:28:49,320 --> 00:28:52,809

APOLLO TO HIM WAS A
MANIFESTATION OF WHAT MADE THIS

291

00:28:52,809 --> 00:28:58,139

COUNTRY GREAT.

AND HE WAS HAPPY TO GET THAT

292

00:28:58,139 --> 00:29:02,710

THOUGHT ACROSS WHEREVER AND

WHENEVER HE COULD.

293

00:29:02,710 --> 00:29:07,570

ONCE I WAS ON A GEMINI BACK-UP

CREW WITH ED AND I FOLLOWED HIM

294

00:29:07,570 --> 00:29:10,730

IN AMAZEMENT.

IF YOU WERE LOOKING FOR HIM,

295

00:29:10,730 --> 00:29:14,399

YOU'D FIND HIM OUT SOMEWHERE,

CONVERTING THE DOUBTERS TO THE

296

00:29:14,399 --> 00:29:22,909

VIRTUES OF THE APOLLO PROGRAM.

HE PICKED ROGER CHAFEE.

297

00:29:22,909 --> 00:29:27,039

ROGER AND I WERE SELECTED IN THE

THIRD GROUP OF ASTRONAUTS IN

298

00:29:27,039 --> 00:29:30,279

1963.

WE WERE CALLED BY THE PRESS THE

299

00:29:30,279 --> 00:29:37,470

APOLLO ASTRONAUTS AS OPPOSED TO

THE MERCURY AND GEMINI ONES.

300

00:29:37,470 --> 00:29:41,019

AND SURE ENOUGH ROGER WAS THE

FIRST IN OUR GROUP TO BE

301

00:29:41,019 --> 00:29:46,850

ASSIGNED TO AN APOLLO FLIGHT.

ROGER WANTED TO FLY.

302

00:29:46,850 --> 00:29:50,320

WE ALL DID.

ROGER WANTED TO FLY TO THE MOON.

303

00:29:50,320 --> 00:29:54,049

WE ALL DID.

WHAT MADE ROGER DIFFERENT FROM

304

00:29:54,049 --> 00:29:58,639

ME, ANYWAY, WAS THAT THE MOON

WAS NOT SIMPLY A DESTINATION FOR

305

00:29:58,639 --> 00:30:01,289

HIM.

IT WAS A FASCINATING PLANET

306

00:30:01,289 --> 00:30:06,450

WHOSE ROCKS YOU WANTED TO HOLD

IN HIS HAND AND WHO WANTED TO

307

00:30:06,450 --> 00:30:11,960

STUDY THE FASHION WITH THE SAME

INSIGHT AND THE SAME PRECISION

308

00:30:11,960 --> 00:30:16,299

THAT A PROFESSIONAL SCIENTIST

PROBABLY OR GEOLOGIST WOULD BE

309

00:30:16,299 --> 00:30:21,169

ABLE DO.

IF YOU WERE LOOKING FOR ROGERS,

310

00:30:21,169 --> 00:30:26,399

HE'D BE BUYING THE MIDNIGHT OIL,

A MOON ATLAS ON ONE KNEE, A

311

00:30:26,399 --> 00:30:36,249

GEOLOGY TEXTBOOK ON THE OTHER.
HE PICKED GUS, ED AND ROGER.

312

00:30:36,249 --> 00:30:40,480

AS USUAL, HE KNEW WHAT HE WAS
DOING.

313

00:30:40,480 --> 00:30:45,590

THANK YOU, DICK, AND TO EACH OF
YOU WHO KNEW THESE THREE MEN SO

314

00:30:45,590 --> 00:30:52,909

WELL, THANK YOU FOR YOUR
SACRIFICES.

315

00:30:52,909 --> 00:31:05,169

THE APOLLO CREW WAS MAGNIFICENT.
[APPLAUSE]

316

00:31:05,169 --> 00:31:18,559

WE ARE SO BLESSED THAT WE HAVE
TWO OF THE CREW OF THE APOLLO 11

317

00:31:18,559 --> 00:31:22,509

FIRST LANDING.
WE WISH WE COULD HAVE JOHN GLENN

318

00:31:22,509 --> 00:31:26,669

HERE WITH US STILL.
BUT THANK YOU SO MUCH FOR BEING

319

00:31:26,669 --> 00:31:32,840

HERE, FOR BEING WITH US TODAY.
>> I ALSO WANT TO INTRODUCE A

320

00:31:32,840 --> 00:31:37,710

VERY SPECIAL ASTRONAUT WHO ALSO
FLEW FOR THESE VERY, VERY UNIQUE

321

00:31:37,710 --> 00:31:41,389

INDIVIDUALS.

TOM STAFFORD, TOM, PLEASE STAND

322

00:31:41,389 --> 00:31:50,989

SO WE CAN RECOGNIZE YOU.

[APPLAUSE]

323

00:31:50,989 --> 00:31:55,200

TOM FLEW BOTH GEMINI AND APOLLO.

HE KNEW THESE ASTRONAUTS VERY

324

00:31:55,200 --> 00:31:57,719

WELL.

THANK YOU FOR BEING HERE, TOM.

325

00:31:57,719 --> 00:32:02,150

>> I DON'T THINK A PROGRAM WOULD

BE COMPLETE IF WE DO NOT HAVE A

326

00:32:02,150 --> 00:32:06,549

VERY SPECIAL GUEST, A MEMBER OF

THE FAMILY OF APOLLO 1.

327

00:32:06,549 --> 00:32:12,570

JOE CHAFEE IS ON THE BOARD.

HIS FORMER NASA EMPLOYEE HERE AT

328

00:32:12,570 --> 00:32:19,389

KENNEDY SPACE CENTER.

WE'D LIKE YOU TO SHOW HIM SOME

329

00:32:19,389 --> 00:32:27,489

RESPECT, IF YOU WOULD.

[APPLAUSE]

330

00:32:27,489 --> 00:32:33,659

>> GOOD MORNING.

ON JANUARY 27, 1967, MY LITTLE

331

00:32:33,659 --> 00:32:38,480

8-YEAR-OLD WORLD WAS TORN APART.
ON THAT EVENING, MY MOTHER HAD

332

00:32:38,480 --> 00:32:41,940

TO TELL MY BROTHER STEVEN AND ME
THAT OUR DADDY WAS NEVER COMING

333

00:32:41,940 --> 00:32:46,039

HOME.
I'M NOT SURE THAT I TRULY

334

00:32:46,039 --> 00:32:49,690

UNDERSTOOD THAT WHAT NEVER
COMING HOME MEANS.

335

00:32:49,690 --> 00:32:53,299

MY MOTHER DID HER BEST TO
EXPLAIN THAT SHE, TOO, WAS

336

00:32:53,299 --> 00:32:56,120

DEVASTATED IN TRYING TO
UNDERSTAND.

337

00:32:56,120 --> 00:32:59,399

I REMEMBER HAVING DREAMS OF HIM
WALKING THROUGH OUR FRONT DOOR

338

00:32:59,399 --> 00:33:04,119

WITH A BAND AID ON HIS HAND AND
TELLING US HE WAS STILL ALIVE.

339

00:33:04,119 --> 00:33:07,690

I HAD THIS DREAM OVER AND OVER
AGAIN.

340

00:33:07,690 --> 00:33:11,250

I COULD NOT BELIEVE THAT IT HAS
BEEN SO MANY YEARS THAT I LOST

341

00:33:11,250 --> 00:33:16,759

MY FATHER ALONG WITH HIS APOLLO
1 CREW MATE, GUS AND ED.

342

00:33:16,759 --> 00:33:21,369

ON THAT JANUARY DAY THEY LOST
THEIR LIVES ACROSS THE RIVER ON

343

00:33:21,369 --> 00:33:25,230

COMPLEX 34 ON CAPE CANAVERAL AIR
FORCE STATION.

344

00:33:25,230 --> 00:33:28,419

THEIR STORY CERTAINLY DID NOT
END THERE AND THEIR LEGACY LIVES

345

00:33:28,419 --> 00:33:32,019

ON TODAY.
I'M SO PROUD TO BE HERE TODAY

346

00:33:32,019 --> 00:33:35,440

WITH ALL OF YOU TO PAY TRIBUTE
TO MY FATHER, HIS CREW MATES AND

347

00:33:35,440 --> 00:33:39,309

THE OTHER FALLEN ASTRONAUTS
MEMORIALIZED OUT IN SPACE.

348

00:33:39,309 --> 00:33:43,609

IT IS FOUGHT EASY GROWING UP
WITH THEIR FATHER AND IT

349

00:33:43,609 --> 00:33:46,899

DEFINITELY WAS NOT EASY GROWING
UP WITH A FATHER THAT THE WORLD

350

00:33:46,899 --> 00:33:50,960

CONSIDERED A HERO.
AS A YOUNG CHILD, I DON'T THINK

351

00:33:50,960 --> 00:33:55,789

I REALLY CONSIDER MY FATHER AS A
HERO, OR EVEN REALLY UNDERSTOOD

352

00:33:55,789 --> 00:33:59,600

THE IMPACT OF WHAT AN ASTRONAUT
DID.

353

00:33:59,600 --> 00:34:04,369

I STRUGGLED TO UNDERSTAND WHY HE
WAS GONE, WHY HE HAS HIS LIFE

354

00:34:04,369 --> 00:34:08,230

AND HOW I COULD POSSIBLY LIVE UP
TO THE HERO IMAGE AND MAKE MY

355

00:34:08,230 --> 00:34:14,370

FATHER PROUD.
I WAS ANGRY, SAD AND CONFUSED.

356

00:34:14,370 --> 00:34:18,159

FROM THE ASHES OF APOLLO 1 FIRE
CAME HARD LESSONS THAT NASA HAD

357

00:34:18,159 --> 00:34:21,230

TO LEARN IN ORDER TO HAVE
SUCCESSFUL FLIGHTS TO THE MOON

358

00:34:21,230 --> 00:34:24,619

AND FOR FURTHER EXPLORATION OF
SPACE.

359

00:34:24,619 --> 00:34:27,159

THESE LESSONS LEARNED, CHANGED
THE WAY NASA LOOKED AT THE

360

00:34:27,159 --> 00:34:31,680

SAFETY OF THE CREW.
BECAUSE OF THE APOLLO 1 CREW THE

361

00:34:31,680 --> 00:34:36,149

GREAT CAME, DAY AND NIGHT ON THE
SPACE PROGRAM AND OF THE

362

00:34:36,149 --> 00:34:38,889

FAMILIES THAT SACRIFICED THEIR
LOVED ONES.

363

00:34:38,889 --> 00:34:43,330

NASA WAS ABLE TO MAKE PRESIDENT
KENNEDY LAND A MAN ON THE MOON

364

00:34:43,330 --> 00:34:48,270

AND RETURN HIM SAFELY TO EARTH.
WE CONTINUED OUR EXPLORATION OF

365

00:34:48,270 --> 00:34:51,560

SPACE.
IN 1983, I HAD THE OPPORTUNITY

366

00:34:51,560 --> 00:34:55,800

TO JOIN THE NASA WORK FORCE HERE
AT THE KENNEDY SPACE CENTER.

367

00:34:55,800 --> 00:34:58,161

WALKING THE HALL, OF THE
HEADQUARTERS BUILDING AND THE

368

00:34:58,161 --> 00:35:01,400

OPERATIONS AND CHECKOUT
BUILDING, I KNEW I WAS WALKING

369

00:35:01,400 --> 00:35:05,820

IN THE FOOTSTEPS OF MY FATHER
AND OTHER HEROES LIKE HIM.

370

00:35:05,820 --> 00:35:10,220

I WORKED FOR NASA FOR 33 YEARS
AND JUST RECENTLY RETIRED.

371

00:35:10,220 --> 00:35:13,510

I WAS FORTUNATE TO MEET AND WORK
WITH PEOPLE THAT WERE HERE WHEN

372

00:35:13,510 --> 00:35:18,431

THE FIRE HAPPENED, THAT KNEW MY
FATHER GUS AND ED AND WOULD HAVE

373

00:35:18,431 --> 00:35:23,670

GIVEN THEIR LIVES IF THEY COULD
FOR THE CREW.

374

00:35:23,670 --> 00:35:27,109

OTHERS AT WORK ON THAT COLD
JANUARY DAY WHEN THE CHALLENGER

375

00:35:27,109 --> 00:35:30,700

BLEW UP AND UNDERSTOOD THE LOSS
AND THE HEART BREAK THOSE

376

00:35:30,700 --> 00:35:34,470

FAMILIES WERE GOING THROUGH.
I WATCHED THE TELEVISION FOR

377

00:35:34,470 --> 00:35:38,180

HOURS AFTER COLOMBIA DID NOT
RETURN HOPING IT WAS JUST SOME

378

00:35:38,180 --> 00:35:41,450

MISTAKE AND IT WAS MAKING
ANOTHER LAP AROUND THE EARTH TO

379

00:35:41,450 --> 00:35:44,450

LAND LATER.
I FELT IS PAIN.

380

00:35:44,450 --> 00:35:48,619

OVER THE YEARS, MY PAIN AND
ANGER HAVE EASED AND I HAVE

381

00:35:48,619 --> 00:35:51,690

LEARNED THAT THERE IS NOTHING I
CAN DO TO CHANGE THE PAST.

382

00:35:51,690 --> 00:35:55,290

I LEARNED THAT EVEN THOUGH I
WILL NEVER FORGET ALL THESE

383

00:35:55,290 --> 00:35:59,140

TRAGEDIES, I AM ABLE TO MOVE
FORWARD TO BE THE GUS DAUGHTER

384

00:35:59,140 --> 00:36:04,500

MY FATHER COULD HAVE AND ALWAYS
KEEP HIM ALIVE IN MY HEART.

385

00:36:04,500 --> 00:36:06,940

JUST A FEW DAYS BEFORE THE
ONE-YEAR ANNIVERSARY OF THE

386

00:36:06,940 --> 00:36:11,859

CHALLENGER ACCIDENT, I NOTICED A
FLOWER ARRANGEMENT IN THE LOBBY

387

00:36:11,859 --> 00:36:15,560

THAT WAS THERE IN MEMORY OF THE
CHALLENGER CREW.

388

00:36:15,560 --> 00:36:19,950

ON A PERSONAL NOTE, IT WAS ALSO
COMING UP ON THE 20th

389

00:36:19,950 --> 00:36:23,060

ANNIVERSARY OF THE APOLLO 1
FIRE.

390

00:36:23,060 --> 00:36:27,700

I THOUGHT NO ONE REMEMBERED.
SO I TOOK THAT INTO MY OWN HAND

391

00:36:27,700 --> 00:36:32,460

AND I ORDERED FLOWERS IN HONOR
OF APOLLO 1 AND HAD THEM PLACED

392

00:36:32,460 --> 00:36:36,830

IN THE HEADQUARTERS LOBBY NEXT
TO THE CHALLENGER FLOWERS.

393

00:36:36,830 --> 00:36:40,470

AT THAT MOMENT, IT BECAME MY
MISSION THAT WE NEVER FORGIVE

394

00:36:40,470 --> 00:36:45,010

THE APOLLO 1 CREW AND OUR OTHER
FALLEN ASTRONAUTS.

395

00:36:45,010 --> 00:36:48,400

ON BEHALF OF ALL THE FAMILIES, I
THINK THE NASA MEMORIAL

396

00:36:48,400 --> 00:36:55,200

FOUNDATION FOR ALREADY BEING
HERE TODAY AND LETTING ME TELL

397

00:36:55,200 --> 00:37:13,150

YOU A LITTLE OF MY STORY.
[APPLAUSE]

398

00:37:13,150 --> 00:37:16,470

>> YOU KNOW I THINK WE PAY
TRIBUTE TO ALL THOSE AEROSPACE

399

00:37:16,470 --> 00:37:23,340

WORKERS, ENGINEERS, TECHNICIANS,
THEY MADE IT REALLY POSSIBLE FOR

400

00:37:23,340 --> 00:37:26,539

AMERICANS TO BE AT THE TIP OF
THE SPHERE THE TOP OF THE

401
00:37:26,539 --> 00:37:28,810
ROCKET.
WE HAVE ONE HERE TODAY WHO

402
00:37:28,810 --> 00:37:32,880
ACTUALLY WAS WORKING THE DAY OF
THE APOLLO ACCIDENT.

403
00:37:32,880 --> 00:37:43,479
HE'S A RETIRED ENGINEER JOHN
TRIBE.

404
00:37:43,479 --> 00:37:50,609
[APPLAUSE]
>> GOOD MORNING.

405
00:37:50,609 --> 00:37:54,731
I'M VERY HONORED AND PROUD TO BE
HERE AS A REPRESENTATIVE OF THE

406
00:37:54,731 --> 00:38:00,630
APOLLO 1 TEAM THAT WORKED TO
FLUSH OUT TEST 34, 50 YEARS AGO

407
00:38:00,630 --> 00:38:06,680
TOMORROW.
I'D LIKE TO JUST SAY BRIEFLY HOW

408
00:38:06,680 --> 00:38:09,410
WHAT HAPPENED THAT DAY AFFECTED
ME AND AFFECTED THE REST OF THE

409
00:38:09,410 --> 00:38:13,950
TEAM AS LONG AS THEY WERE
INVOLVED IN THE PROGRAM AT THAT

410
00:38:13,950 --> 00:38:17,420
TIME.
ON THE EVENING OF THE FIRE, I

411
00:38:17,420 --> 00:38:22,300
WAS ON THE STATION IN THE
SPACECRAFT CONTROL ROOM WHEN WE

412
00:38:22,300 --> 00:38:25,299
GOT THE ANNOUNCEMENT OF THE
FIRE.

413
00:38:25,299 --> 00:38:29,131
AFTER THAT, EVERYTHING HAPPENED
SO FAST THAT IT WAS A STRUGGLE

414
00:38:29,131 --> 00:38:32,430
TO COMPREHEND WHAT THAT
ANNOUNCEMENT MEANT.

415
00:38:32,430 --> 00:38:35,400
IT WAS INCOMPREHENSIBLE TO
US-ON-HOW ON EARTH WE COULD HAVE

416
00:38:35,400 --> 00:38:38,720
A FIRE IN THIS COCKPIT.
WE SAT THERE REMOTE FROM THE

417
00:38:38,720 --> 00:38:41,500
PAST.
WE WERE BEWILDERED AND

418
00:38:41,500 --> 00:38:45,010
HELPLESS.
WE HAD NO COMMUNICATIONS WITH

419
00:38:45,010 --> 00:38:48,100
ANYBODY OUT THERE.
WE DID NOT KNOW WHAT HAD

420
00:38:48,100 --> 00:38:52,250
HAPPENED, WHY THIS HAPPENED OR
WHAT WAS GOING ON AT THAT TIME.

421

00:38:52,250 --> 00:38:57,910

FINALLY, THE LEADER JOHN BABBOTT
GOT TO OUR COMMUNICATION BOX AND

422

00:38:57,910 --> 00:39:02,720

GAVE US AN AVEILED ASSESSMENT OF
THE SITUATION OUT THERE.

423

00:39:02,720 --> 00:39:05,450

WE HAD IMAGINED THE WORST, WE
HOPED FOR THE BEST.

424

00:39:05,450 --> 00:39:09,990

IT WAS NOT TO BE.
WE HAD LOST FOREVER OUR TEAM.

425

00:39:09,990 --> 00:39:13,069

IT WAS A MOMENT THAT WOULD LIVE
WITH ME AND FOR THE REST OF THE

426

00:39:13,069 --> 00:39:17,020

TEAM FOREVER.
AND WHILE WE SAT ISOLATED UP

427

00:39:17,020 --> 00:39:22,250

THERE IN THAT CONTROL ROOM, OUT
OF TOUCH, OUT ON THE PAD,

428

00:39:22,250 --> 00:39:28,240

ITSELF, ON LEVELS A- AND A-8, WE
HAD TECHNICIANS IN A FRANTIC

429

00:39:28,240 --> 00:39:32,680

COMMOTION TRYING TO DO SOMETHING
TO GET THE CREW OUT OF THAT

430

00:39:32,680 --> 00:39:38,650

COCKPIT.
WITHIN SECOND OF THE FIRST CALL,

431

00:39:38,650 --> 00:39:47,690

THE POLE ERUPTED ON THE INSIDE,
IT THREW DEBRIS OUT ON THE

432

00:39:47,690 --> 00:39:52,170

COMMAND MODULE THAT SPREAD
ACROSS THE A-8 LEVEL, BURNING

433

00:39:52,170 --> 00:39:58,470

TECHNICIANS, SETTING FIRE ON THE
DESK AND THE FLAMES LIT UP THE

434

00:39:58,470 --> 00:40:02,170

SIDE OF THE COMMAND MODULE
TOWARD THE LARGE ESCAPE LITTLE

435

00:40:02,170 --> 00:40:08,020

ON TOP AND THE SITUATION WAS
EXTREMELY DANGEROUS.

436

00:40:08,020 --> 00:40:13,290

THOSE GUYS FOUGHT THOSE FIRES.
SIX OF THEM IN PAIRS OF TWO INTO

437

00:40:13,290 --> 00:40:17,490

THE WHITE ROOM WHICH WAS FULL OF
PLAQUE TOXIC SMOKE.

438

00:40:17,490 --> 00:40:20,190

THEY COULDN'T BREATHE.
THEY COULDN'T SEE.

439

00:40:20,190 --> 00:40:23,500

THEY BURNED THEIR HANDS, BUT
THEY FINALLY GOT THE HATCHES

440

00:40:23,500 --> 00:40:26,160

OFF.
UNFORTUNATELY, IT WAS ALL IN

441

00:40:26,160 --> 00:40:30,789

VAIN.

IT ALL HAPPENED SO FAST.

442

00:40:30,789 --> 00:40:34,200

THIS WAS ALL OVER IN FIVE
MINUTES.

443

00:40:34,200 --> 00:40:39,500

THOSE MEN WHO FOUGHT SO HARD TO
GET THE CREW OUT THAT NIGHT WERE

444

00:40:39,500 --> 00:40:44,740

GIVEN THE NASA EXTREME BRAVERY
MEDAL.

445

00:40:44,740 --> 00:40:51,440

THEY WERE STEVE CLEMENS, ALBERT
REESE, JERRY HAWKENS AND FRANK

446

00:40:51,440 --> 00:40:59,319

ROGERS.

THEY WERE RECOGNIZED IN THE NEW

447

00:40:59,319 --> 00:41:03,079

MEMORIAL TRIBUTE WHICH IS
OPENING TOMORROW MORNING OUT IN

448

00:41:03,079 --> 00:41:06,420

THE VISITOR'S CENTER T. LIVES OF
EACH OF THOSE MEN WERE

449

00:41:06,420 --> 00:41:10,910

INDELLABLY CHANGED THAT NIGHT.
UNFORTUNATELY, NONE OF THEM ARE

450

00:41:10,910 --> 00:41:14,760

WITH US HERE TODAY AT THIS
CEREMONY, SOME OF THE MEMBERS OF

451

00:41:14,760 --> 00:41:20,420

THE FAMILIES ARE AND WE WELCOME
THEM HERE TODAY.

452

00:41:20,420 --> 00:41:24,039

THE NATION MOURNED THE APOLLO
LOSS AFTER THAT EVENT.

453

00:41:24,039 --> 00:41:27,730

AND THE PROGRAM SEEMED TO
FALTER.

454

00:41:27,730 --> 00:41:32,319

THROUGH ALL OF US DOWN HERE, I
THINK WE FELT A COLLECTIVE

455

00:41:32,319 --> 00:41:34,920

RESPONSIBILITY.
THEY WERE OUR GUYS, THEY WERE A

456

00:41:34,920 --> 00:41:39,980

PART OF OUR TEAM AND WE SCREWED
UP THE SCHEDULED PRESSURE AND

457

00:41:39,980 --> 00:41:45,400

THE LONG HOURS WE WERE ALL
WORKING BACK THEN MADE US FOCUS

458

00:41:45,400 --> 00:41:49,280

SO MUCH ON WHAT WE WERE DOING
THAT WE WEREN'T REALLY AWARE OF

459

00:41:49,280 --> 00:41:51,890

THE BIG PICTURE.
WE SHOULD NEVER HAVE PUT THOSE

460

00:41:51,890 --> 00:41:55,099

THREE GUYS INTO THAT CAPSULE
THAT NIGHT IN THE CONDITIONS

461

00:41:55,099 --> 00:41:58,450

THEY EXPERIENCED.

WE HAVE TO DO BETTER IF THE

462

00:41:58,450 --> 00:42:02,080

PROGRAM WAS TO CONTINUE.

WE IMMEDIATELY BEGAN A

463

00:42:02,080 --> 00:42:04,950

ENTHUSIASTIC SAID, OKAY, WHAT DO

WE DO TO MAKE THIS A BETTER

464

00:42:04,950 --> 00:42:12,559

SPACE CRAFT AND A PROGRAM.

WE HAD SPACECRAFT 12, APOLLO 1,

465

00:42:12,559 --> 00:42:16,540

WE HAD SPACECRAFT 14 SENT DOWN,

THE NEXT ONE IN LINE.

466

00:42:16,540 --> 00:42:20,570

WE SYSTEMATICALLY OPENED THOSE

VEHICLES, LOOKING AT EVERY

467

00:42:20,570 --> 00:42:25,670

CONCEIVABLE WAY WE COULD IMPROVE

TEAR PERFORMANCE AND SAFETY.

468

00:42:25,670 --> 00:42:30,109

IT WENT ALL THE WAY FROM A

TOTALLY NEW FAST OPERATING

469

00:42:30,109 --> 00:42:33,720

OUTWARD OPENING HATCH THAT WE

COULD OPEN IN FIVE SECONDS,

470

00:42:33,720 --> 00:42:37,420

INSTEAD OF THE 30 SECONDS IT

TOOK TO GET THE OLD HATCHES OFF.

471

00:42:37,420 --> 00:42:41,490

WE CAME UP WITH A NEW TWO GASKET
SYSTEM, SO WE WOULD NOT HAVE

472

00:42:41,490 --> 00:42:47,210

100% OXYGEN ENVIRONMENT.
WE COATED EVERY BARE TERMINAL

473

00:42:47,210 --> 00:42:52,330

AND WIRE IN THE VEHICLE AND MADE
BETTER COVERINGS ON ALL THE

474

00:42:52,330 --> 00:42:56,619

WIRES AND WE GOT RID OF ALL THE
FLAMMABLES AND CONTROLLED THEM

475

00:42:56,619 --> 00:43:01,490

VERY STRICTLY ON ACCESS INTO THE
VEHICLE.

476

00:43:01,490 --> 00:43:04,320

THE SEIZURE AND SAFETY PLANS
WERE TOTALLY OVERHAULED DOWN

477

00:43:04,320 --> 00:43:05,770

HERE.
WE LEARNED AN AWFUL LOT FROM

478

00:43:05,770 --> 00:43:09,310

THAT EVENING.
WE MADE FOR A SAFER PROGRAM.

479

00:43:09,310 --> 00:43:14,180

21 MONTHS WOULD HAVE PASSED
BEFORE WE WERE READY TO FLY A

480

00:43:14,180 --> 00:43:22,510

MANNED APOLLO.
THE APOLLO 7 FLEW IN OCTOBER

481

00:43:22,510 --> 00:43:31,010

1968 AND HOW IT IS TO BELIEVE
JUST A FEW MONTHS LATER WE WENT

482

00:43:31,010 --> 00:43:37,789

AROUND THE MOON AND THEN IN JULY
OF 1969, LESS THAN A YEAR LATER

483

00:43:37,789 --> 00:43:46,500

AFTER APOLLO MIKE, BUDS, NEIL
WENT TO THE MOON AN RETURNED

484

00:43:46,500 --> 00:43:49,049

SAFELY.
KENNEDY'S CHALLENGE HAD BEEN

485

00:43:49,049 --> 00:43:52,400

MET.
I LOOK BACK ON THIS DRAMATIC

486

00:43:52,400 --> 00:43:58,050

PERIOD IN MY LIFE AND REALIZE
THAT WHILE SOME MONTH SAY THAT

487

00:43:58,050 --> 00:44:01,540

WE GOT TO THE MOON DESPITE
APOLLO 1, I'D LIKE TO SUGGEST WE

488

00:44:01,540 --> 00:44:05,549

GOT TO THE MOON BECAUSE OF
APOLLO 1.

489

00:44:05,549 --> 00:44:09,960

GUS SAID IF WE DIE, WE WANT
PEOPLE TO ACCEPT IT.

490

00:44:09,960 --> 00:44:14,580

CONQUEST OF SPACE IS WORTH THE
RISK OF LIFE.

491

00:44:14,580 --> 00:44:20,970

THEY PAID THAT PRICE IN 1967,
BUT THEY DID NOT DIE IN VAIN.

492

00:44:20,970 --> 00:44:27,680

WHAT AROSE FROM THEIR SACRIFICE
MADE THE LUNAR LANDING POSSIBLE

493

00:44:27,680 --> 00:44:31,710

AND RES RECKED THIS NATION'S
PRIDE AT A TIME IN OUR HISTORY

494

00:44:31,710 --> 00:44:37,559

WHEN THING WERE VERY TUMULTUOUS.
I WILL NEVER FORGET THAT CREW.

495

00:44:37,559 --> 00:44:41,789

I WILL ALWAYS RECOGNIZE THEIR
ULTIMATE CONTRIBUTION.

496

00:44:41,789 --> 00:45:00,470

THANK YOU, APOLLO 1.

[APPLAUSE]

497

00:45:00,470 --> 00:45:04,309

>> THANK YOU, JOHN.

THANK YOU FOR BEING HERE.

498

00:45:04,309 --> 00:45:10,200

I'D LIKE TO NOW INTRODUCE A SIX
TIME GRAMMY UNTIL NATED ARTIST,

499

00:45:10,200 --> 00:45:14,430

A TALENTED MUSICIAN, WITH A
SPECIAL TRIBUTE HE'D LIKE TO

500

00:45:14,430 --> 00:45:17,230

OFFER.

WE ARE SO PRESSED TO HAVE SUCH

501

00:45:17,230 --> 00:45:23,960

GREAT TALENTED ARTISTS, REALLY
REALLY STRONG SPACE SUPPORTERS.

502

00:45:23,960 --> 00:45:27,460

BRENDAN HEATH.

[APPLAUSE]

503

00:45:27,460 --> 00:45:36,790

.
>> WE ARE HAPPY TO BE HERE

504

00:45:36,790 --> 00:45:39,900

TODAY.

[INAUDIBLE]

505

00:45:39,900 --> 00:45:46,500

.
I AM A SONGWRITER, AND I'M A BIG

506

00:45:46,500 --> 00:45:50,211

FAN IF.

WHEN I WAS A KID, I REMEMBER

507

00:45:50,211 --> 00:45:55,470

SITTING ON THE END OF THE BED AS
MY MOM FOLDED THE LAUNDRY ON THE

508

00:45:55,470 --> 00:46:01,809

DAY THAT THE CHALLENGER DIDN'T
MAKE IT IN SPACE WHERE THEY WERE

509

00:46:01,809 --> 00:46:04,590

GOING AND SOMETHING WAS BORN IN
ME THAT DAY.

510

00:46:04,590 --> 00:46:09,510

I WAS HERE LAST YEAR FOR THE DAY
OF REMEMBRANCE FOR THEM AND WAS

511

00:46:09,510 --> 00:46:14,160

SO HONORED TO BE HERE.

AND I SHARED A SONG LAST YEAR.

512

00:46:14,160 --> 00:46:16,490

THAT'S WHAT WE SONGWRITERS DO,

WE SING.

513

00:46:16,490 --> 00:46:20,819

AND I WANT TO TELL YOU A FEW

THINGS THAT ARE REALLY IMPORTANT

514

00:46:20,819 --> 00:46:25,900

TO ME AS A CIVILIAN.

I'M SITTING ON AN IMPRESSIVE ROW

515

00:46:25,900 --> 00:46:28,559

OF PEOPLE THERE.

I'M JUST ONE OF THE COMMONERS

516

00:46:28,559 --> 00:46:32,320

OUT THERE.

AND THERE ARE SOME BRAVE MEN AND

517

00:46:32,320 --> 00:46:36,369

WOMEN IN THE ROOM THAT I JUST

NEED TO SAY ON BEHALF OF ALL OF

518

00:46:36,369 --> 00:46:41,710

US, WE DESPERATELY NEED HEROES

IN OUR COUNTRY.

519

00:46:41,710 --> 00:46:47,109

WE NEED PEOPLE TO INSPIRE US.

AND SOME OF THE GREATEST PEOPLE,

520

00:46:47,109 --> 00:46:49,599

A PART OF MAN'S GREATEST

ACHIEVEMENT ARE SITTING IN THE

521

00:46:49,599 --> 00:46:53,260

ROOM RIGHT NOW.

THAT'S NO SMALL THING THAT IS

522

00:46:53,260 --> 00:46:56,859

LANDING ON ME RIGHT NOW.

I'M REALLY NERVOUS.

523

00:46:56,859 --> 00:47:00,200

BUT I NEED TO SAY THAT.

I HOPE I'M A GREAT MAN.

524

00:47:00,200 --> 00:47:03,349

MY GRANDDAD FOUGHT IN WORLD WAR

II.

525

00:47:03,349 --> 00:47:06,079

I'M WEARING HIS WEDDING RING

RIGHT NOW.

526

00:47:06,079 --> 00:47:10,849

HE LOOKED UP TO YOU GUYS.

AND SO ON HIS BEHALF AND ALL THE

527

00:47:10,849 --> 00:47:13,850

REST OF US MEN AND WOMEN THAT

ARE JUST LOOKING FOR PEOPLE TO

528

00:47:13,850 --> 00:47:20,410

MODEL OUR LIVES AFTER AND TO

FACE FEAR IN THE FACE AND NOT TO

529

00:47:20,410 --> 00:47:24,819

BE AFRAID AND TO INNOVATE, SO

ESPECIALLY FOR US TO WRITE SONGS

530

00:47:24,819 --> 00:47:30,150

AND CREATE HOPEFULLY INSPIRED

FROM A MUSIC AM STANDPOINT, I

531

00:47:30,150 --> 00:47:34,119

VERY THANKFULLY BOUGHT THE TO
KNOW AN APOLLO ASTRONAUT BY THE

532

00:47:34,119 --> 00:47:38,310

NAME OF GENE CERNON.
I'M NOT SAYING WE WERE FISHING

533

00:47:38,310 --> 00:47:40,619

BUDDIES.
WE WEREN'T BEST FRIEND.

534

00:47:40,619 --> 00:47:44,569

BUT I SPENT A FEW WEEKENDS WITH
HE AND HIS WIFE JAN.

535

00:47:44,569 --> 00:47:50,831

HE INVITED ME TO COME TO THE
PREMIER OF THIS MOVIE "LAST MAN

536

00:47:50,831 --> 00:47:53,640

ON THE MOON" IN NEW YORK LAST
YEAR.

537

00:47:53,640 --> 00:47:57,680

ALMOST A YEAR AGO.
AND I REMEMBER AFTER SEEING A

538

00:47:57,680 --> 00:48:02,800

MOVIE AND AFTER DAYS AND DAYS OF
PRESS JUNKETS AND INTERVIEWS AND

539

00:48:02,800 --> 00:48:07,290

PROMOTION, WE SHARED A CAB, GOT
TO HIS HOTEL AND THERE WEREN'T A

540

00:48:07,290 --> 00:48:11,240

LOT OF WORD.
HE WAS EXHAUSTED.

541

00:48:11,240 --> 00:48:15,780

BUT THE TIME I DID GET TO SPEND
WITH GENE WAS REALLY INSPIRING.

542

00:48:15,780 --> 00:48:19,950

AND SO HE WAS A COWBOY OF THE
HIGHEST CALIBER.

543

00:48:19,950 --> 00:48:25,950

AND SO I WROTE HIM A COWBOY SONG
A FEW DAYS AGO, JUST SENT HIM A

544

00:48:25,950 --> 00:48:29,859

FAREWELL.
AND I'M GOING TO PLAY IT FOR YOU

545

00:48:29,859 --> 00:48:32,950

GUYS RIGHT NOW.
\M SADDLE UP, COWBOY \M

546

00:48:32,950 --> 00:48:37,240

\M TAKE OFF \M
\M GO FIND YOUR PEACEFUL SKY \M

547

00:48:37,240 --> 00:48:44,079

\M IT'S THE YIPEE KAYEE \M
\M LIKE A LONG DAD IN LIFE \M

548

00:48:44,079 --> 00:48:48,109

\M AND I'M FEELING IT IN THE AIR
\M

549

00:48:48,109 --> 00:48:52,820

\M IT'S CLEAR \M
\M IT'S A LIFE SAYING GOOD-BYE \M

550

00:48:52,820 --> 00:48:56,789

\M TO THE DEEP HORIZON \M
\M FASTER THAN YOU CAN GET BY \M

551

00:48:56,789 --> 00:48:58,750

[MUSIC PLAYING]

\M THERE WILL BE STORIES \M

552

00:48:58,750 --> 00:49:19,730

\M I WANT TO HEAR AGAIN \M

\M THE OTHER SIDE OF THE MOON \M

553

00:49:19,730 --> 00:49:28,049

\M WHERE MYSTERY LIVES \M

\M DID YOU REALLY SEE WITH YOUR

554

00:49:28,049 --> 00:49:35,670

OWN EYES \M

\M DID YOU LEAVE A PIECE OF YOUR

555

00:49:35,670 --> 00:49:37,609

HEART ON GOD'S FRONT PORCH \M

\M SADDLE UP, COWBOY \M

556

00:49:37,609 --> 00:49:39,329

\M SPEAK UP COWBOY \M

\M GO FIND YOUR PIECE OF THE SKY

557

00:49:39,329 --> 00:49:40,329

\M

\M YIPEE KAYAY \M

558

00:49:40,329 --> 00:49:41,329

\M SADDLE UP \M

[MUSIC PLAYING]

559

00:49:41,329 --> 00:49:57,400

\M I KNOW WE WON'T SEE \M

\M THE END TONIGHT \M

560

00:49:57,400 --> 00:50:21,930

\M BUT YOU'RE OUT THERE SOMEWHERE

\M

561

00:50:21,930 --> 00:50:33,279

\M RIDING ON THE REIGNS \M

\M SADDLE UP COWBOY \M

562

00:50:33,279 --> 00:50:44,000

\M KICK OFF ON A HORSE \M

\M GO FIND YOUR PIECE OF THE SKY

563

00:50:44,000 --> 00:50:48,180

\M

\M YIP 83 KAYEE \M

564

00:50:48,180 --> 00:50:55,859

\M THROUGH THE MILKY WAY \M

\M SADDLE UP COWBOY \M

565

00:50:55,859 --> 00:51:04,930

\M THAT'S MY BOY \M

\M FIND YOUR PIECE IN THE DIE \M

566

00:51:04,930 --> 00:51:12,609

\M JIPPEE KAYAY \M

\M THE MILLIONINGY WAY IN THE SKY

567

00:51:12,609 --> 00:51:17,499

\M

\M AND FIND THOSE DAYS \M

568

00:51:17,499 --> 00:51:19,589

[MUSIC PLAYING]

SNOOETS

569

00:51:19,589 --> 00:51:24,480

\M FOOD BYE \M

\M GOOD-BYE \M

570

00:51:24,480 --> 00:51:37,459

\M\M\M

>> GOOD BLESS HIM THANK YOU.

571

00:51:37,459 --> 00:51:48,829

[APPLAUSE]

>> THAT IS THE FIRST TIME THAT

572

00:51:48,829 --> 00:51:55,319

ANYONE'S EVER WE HEARD THAT SONG
AND I JUST THINK IT SHOWS YOU

573

00:51:55,319 --> 00:51:58,079

THE GREAT INSPIRATION THAT THIS
MAGNIFICENT, MAGNIFICENT

574

00:51:58,079 --> 00:52:03,660

ENDEAVOR IN HUMAN SPACE FLIGHT
INSPIRES IN ALL AMERICANS.

575

00:52:03,660 --> 00:52:07,150

I'D LIKE TO INTRODUCE THE MAN
THAT I'VE GOTTEN TO KNOW REALLY

576

00:52:07,150 --> 00:52:11,160

WELL, BOB CABANA, SENATOR
DIRECTOR OF THE KENNEDY SPACE

577

00:52:11,160 --> 00:52:15,589

CENTER HAS LED THE KSC WITH SUCH
INCREDIBLE GRACE AND

578

00:52:15,589 --> 00:52:20,390

INTELLIGENTLY CHALLENGING TIMES.
BOB HAS BEEN AT THE PATRICK

579

00:52:20,390 --> 00:52:24,460

KENNEDY SPACE CENTER MORE THAN
ANYONE ELSE.

580

00:52:24,460 --> 00:52:36,470

BOB, THANK YOU FOR BEING HERE.
[APPLAUSE]

581

00:52:36,470 --> 00:52:38,910

>> THANK YOU, THAD.

THANKS, TO ALL OF YOU FOR COMING

582

00:52:38,910 --> 00:52:40,970

TODAY.

PLEASE SHARE IN OUR DAY OF

583

00:52:40,970 --> 00:52:43,450

REMEMBRANCE.

YOU KNOW, WE'VE TALKED ABOUT

584

00:52:43,450 --> 00:52:47,400

HEROES A LOT.

I THINK THOSE OF YOU US THAT

585

00:52:47,400 --> 00:52:49,490

HAVE THE PRIVILEGE TO BE IN

SPACE.

586

00:52:49,490 --> 00:52:53,310

WE DON'T SEE OURSELVES HEROES.

WE ARE BLESSED TO BE CALLED WHAT

587

00:52:53,310 --> 00:52:55,790

WE LOVE TO DO.

WE LOVE DOING.

588

00:52:55,790 --> 00:53:02,039

I THINK THE REAL HEROES ARE THE

FAMILIES THAT HAVE ALLOWED US TO

589

00:53:02,039 --> 00:53:06,220

FULFILL OUR DREAMS, TO REACH OUR

GOALS AND THE TEAM ON THE GROUND

590

00:53:06,220 --> 00:53:12,559

THAT HAS MADE IT ALL POSSIBLE.

EACH YEAR AT THIS TIME, WE COME

591

00:53:12,559 --> 00:53:15,289

TOGETHER AND PAUSE TO REMEMBER
THOSE THAT MADE THE ULTIMATE

592

00:53:15,289 --> 00:53:20,240

SACRIFICE IN OUR QUEST TO
EXPLORE BEYOND OUR HOME PLANET.

593

00:53:20,240 --> 00:53:23,289

WE HONOR THE CREWS AND REMEMBER
THE SFOOILS SMILES ON THEIR

594

00:53:23,289 --> 00:53:27,480

FACES AS THEY FULFILL THEIR LIFE
LONG DREAMS.

595

00:53:27,480 --> 00:53:33,710

AND WE PAUSE TO ENFORCE THE
LESSONS LEARNED SO THEY'RE NOT

596

00:53:33,710 --> 00:53:39,720

REPEATED AGAIN IN THE FUTURE.
LOOKING BACK, NO ONE IN A

597

00:53:39,720 --> 00:53:45,019

POSITION OF AUTHORITY EVER MADE
A DECISION THAT THEY THOUGHT

598

00:53:45,019 --> 00:53:49,660

WOULD PUT A CREW AT RISK.
WHAT WAS INTERESTING ABOUT A

599

00:53:49,660 --> 00:53:54,089

GROUND AT THE PAD, WHY WAS IT
TOO COLD TO LAUNCH?

600

00:53:54,089 --> 00:53:57,910

WE SEEN IT SIT ON THE ORANGE
BEFORE, NOTHING HAPPENED.

601
00:53:57,910 --> 00:54:01,760
YES, FOAM CAME OFF THE TANK?
WE'VE HAD FOAM COME OFF THE TANK

602
00:54:01,760 --> 00:54:04,970
BEFORE.
IT NEVER DID CRITICAL DAMAGE.

603
00:54:04,970 --> 00:54:12,049
IN 1967, I WAS IN HIGH SCHOOL IN
MINNESOTA AND I WAS TOO FAR

604
00:54:12,049 --> 00:54:16,460
REMOVED FROM APOLLO 1 TO REALLY
BE IMPACTED BY IT.

605
00:54:16,460 --> 00:54:21,289
IN 1986, I WAS AN ASTRONAUT
CANDIDATE IN A SIMULATOR TRAINED

606
00:54:21,289 --> 00:54:26,970
TO FLY IN SPACE AND ALSO I KNEW
THE CREW AND WAS GREATLY

607
00:54:26,970 --> 00:54:31,579
IMPACTED BY THEIR LOSS.
SOME WERE MY FRIEND, HAVING JUST

608
00:54:31,579 --> 00:54:36,140
COME FROM TAX RIVER AND FLIGHT
TESTS WHERE AIRCRAFT AND LIVES

609
00:54:36,140 --> 00:54:41,380
WERE LOST, I SEND IT AS A PART
OF THE BUSINESS.

610
00:54:41,380 --> 00:54:46,690
IN 2003, I WAS OUT AT MID-FIELD
AT THE SHUTTLE LANDING FACILITY

611
00:54:46,690 --> 00:54:51,660
WAITING FOR THE CREW TO RETURN.
AND IT FEM ON ME TO TELL THEIR

612
00:54:51,660 --> 00:54:55,410
FAMILIES THEIR LOVED ONES
WEREN'T COMING HOME AND I WAS

613
00:54:55,410 --> 00:54:58,380
CRUSHED.
I DON'T EVER WANT TO BE IN THAT

614
00:54:58,380 --> 00:55:03,549
POSITION AGAIN.
IT'S SO IMPORTANT THAT WE LEARN

615
00:55:03,549 --> 00:55:07,430
FROM THE PAST AND CREATE AN
ENVIRONMENT WITH ALL OPINIONS

616
00:55:07,430 --> 00:55:11,339
ARE WE HEARD AND DISCUSSED,
WHERE EVERYONE FEELS FREE TO

617
00:55:11,339 --> 00:55:15,650
VOICE THEIR CONCERNS, WHERE
EVERYONE IS LISTENED TO AND ALL

618
00:55:15,650 --> 00:55:20,000
DATA IS BROUGHT FORWARD SO THAT
AN INFORMED DECISION CAN BE

619
00:55:20,000 --> 00:55:24,060
MADE.
CREATING AND MAINTAIN

620
00:55:24,060 --> 00:55:28,880
AGRICULTURE OF TRUST AND
OPENNESS IS THE GREATEST LESSEN

621

00:55:28,880 --> 00:55:33,510

WE CAN LEARN FROM THE PAST AND
IT'S CRITICAL TO OUR FUTURE

622

00:55:33,510 --> 00:55:38,990

SUCCESS AND THE SUCCESS OF OUR
COMMERCIAL PARTNERS.

623

00:55:38,990 --> 00:55:43,109

THIS YEAR MARKS THE 50th
ANNIVERSARY OF THE APOLLO 1

624

00:55:43,109 --> 00:55:45,319

FIGHTER.
WE'VE GONE TOO LONG WITHOUT A

625

00:55:45,319 --> 00:55:52,530

MEMORIAL FOR CREW.
JUST AS WE HONORED THE CREW OF

626

00:55:52,530 --> 00:55:58,720

CHALLENGER FOREVER REMEMBERED AT
THE ATLANTA FACILITY IF

627

00:55:58,720 --> 00:56:03,119

COOPERATION WITH FAMILIES OF THE
APOLLO 1 CREW, WE'RE OPENING A

628

00:56:03,119 --> 00:56:12,230

NEW CREW TOMORROW TO HONOR THEM.
ED ASTRA, ED SPEARA, A ROUGH

629

00:56:12,230 --> 00:56:17,640

ROAD LEADS TO THE STARS.
IT'S A FITTING TRIBUTE TO THE

630

00:56:17,640 --> 00:56:23,089

APOLLO 1 CREW, THOSE THAT TRIED
TO SAVE THEM AND THOSE THAT TOOK

631
00:56:23,089 --> 00:56:28,150
US ONTO THE MOON.
SO AS WE PAUSE TODAY TO REMEMBER

632
00:56:28,150 --> 00:56:32,789
ALL THE HEROES WE HAVE LOST, LET
US REDEDICATE OURSELVES TO

633
00:56:32,789 --> 00:56:36,421
CREATING A CULTURE THAT
ENCOURAGES EVERYONE TO BE WE

634
00:56:36,421 --> 00:56:41,519
HEARD AND SEEKS TO EVALUATE ALL
THE DATA IN THE DECISIONS WE

635
00:56:41,519 --> 00:56:46,470
MAKE THAT ONE DAY TAKE US TO
MARS AND BEYOND.

636
00:56:46,470 --> 00:56:58,980
THANK YOU.
[APPLAUSE]

637
00:56:58,980 --> 00:57:02,329
>> THANK YOU, MR. CABANA.
I'D LIKE TO JUST SHARE A FEW

638
00:57:02,329 --> 00:57:04,539
THOUGHTS.
I KNOW I WAS HERE ON MERRITT

639
00:57:04,539 --> 00:57:08,760
ISLAND WHEN WE SAW THE SPACE
SHUTTLE CHALLENGER EXPLODE.

640
00:57:08,760 --> 00:57:11,161
I'VE NEVER EXPERIENCED ANYTHING
LIKE IT.

641

00:57:11,161 --> 00:57:13,279

I NEVER EXPERIENCED SUCH
COLLECTIVE GRIEF.

642

00:57:13,279 --> 00:57:18,110

I NEVER EXPERIENCED THE UNITY OF
THE HUMAN SPIRIT IN THE WAY

643

00:57:18,110 --> 00:57:21,869

PEOPLE CAME TOGETHER AFTER THAT
TRAGIC EVENT.

644

00:57:21,869 --> 00:57:26,700

AND WE REALIZED SUDDENLY WE HAD
NO PLACE TO MOURN OR MEMORIALIZE

645

00:57:26,700 --> 00:57:29,920

OUR ASTRONAUT.
NO PLACE TO GO AND I REMEMBER,

646

00:57:29,920 --> 00:57:34,920

THERE WAS EITHER, EVERYONE,
THOUSANDS WENT OUT TO THE

647

00:57:34,920 --> 00:57:38,400

BEACHES AND SHINED A FLASHLIGHT
ON THE OCEAN.

648

00:57:38,400 --> 00:57:41,790

WE WANTED TO BE TOGETHER.
WE WANTED TO REMEMBER.

649

00:57:41,790 --> 00:57:47,170

OUR FOUNDER HAD A VISION, LET'S
BUILD A MEMORIAL, NOT JUST A

650

00:57:47,170 --> 00:57:50,970

MEMORIAL OF STEEL AND GRANITE,
LET'S BUILD A LIVING MEMORIAL,

651

00:57:50,970 --> 00:57:54,930

SO WE CAN INSPIRE FUTURE
GENERATIONS OF ROCKET

652

00:57:54,930 --> 00:57:58,560

SCIENTISTS, ASTRONAUTS, SO WE
CAN REMEMBER THOSE VERY, VERY

653

00:57:58,560 --> 00:58:01,769

SPECIAL AMERICANS THAT FLU.
REMEMBER THOSE ENGINEERS AND

654

00:58:01,769 --> 00:58:05,390

SCIENTISTS THAT MADE THAT HAPPEN
AND ESPECIALLY REMEMBER AND

655

00:58:05,390 --> 00:58:11,000

SUPPORT THE FAMILIES THAT HAVE
REALLY, REALLY SUFFERED THE MOST

656

00:58:11,000 --> 00:58:16,130

AND PAID THE ULTIMATE SACRIFICE.
SO WE HAD THE IDEA OF A SPECIAL

657

00:58:16,130 --> 00:58:19,680

LICENSE TAG, THE ONLY ONE, FIRST
ONE IN THE COUNTRY, VIRTUALLY

658

00:58:19,680 --> 00:58:23,519

EVERYTHING WE DO FROM OUR
CLASSES, FROM A MEMORIAL TO THIS

659

00:58:23,519 --> 00:58:28,089

FACILITY IS MADE POSSIBLE BY
THOSE 20,000 OR SO FLORIDIANS

660

00:58:28,089 --> 00:58:33,049

WHO PURCHASED THAT LICENSE TAG.
SO MANY OF THOSE WERE AMERICA'S

661

00:58:33,049 --> 00:58:36,019

GREATEST GENERATIONS.

WE ARE LOSING THEM.

662

00:58:36,019 --> 00:58:40,220

WE NEED A WHOLE ANOTHER

GENERATION TO INSPIRE OUR FUTURE

663

00:58:40,220 --> 00:58:41,930

ROCKET SCIENTISTS.

SO FEW HAVEN'T HAD THAT

664

00:58:41,930 --> 00:58:45,630

OPPORTUNITY TO PURCHASE THAT

LICENSE TAG, PLEASE CONSIDER IT.

665

00:58:45,630 --> 00:58:48,230

THAT'S GOING TO HELP US TO

CONTINUE TO DO PROGRAMS LIKE

666

00:58:48,230 --> 00:58:51,410

THIS AND TO CONTINUE TO EDUCATE

OUR YOUTH.

667

00:58:51,410 --> 00:58:57,420

I'D LIKE TO REINTRODUCE CHARLIE

DUKE.

668

00:58:57,420 --> 00:59:11,500

LAUZ [APPLAUSE]

>> IT IS MY PRIVILEGE TO READ

669

00:59:11,500 --> 00:59:19,920

THE NAMES OF EACH OF THE 24

ASTRONAUTS THAT WE HONOR TODAY.

670

00:59:19,920 --> 00:59:23,809

WE'LL FOLLOW THAT BY A MOMENT OF

SILENCE.

671
00:59:23,809 --> 00:59:28,710

.
THEODORE C. FREEMAN.

672
00:59:28,710 --> 00:59:41,290
CHARLOTTE A. BAPTIST, II.
ELLIOT M.C., JR. CLIFTON C.

673
00:59:41,290 --> 00:59:49,450
WILLIAMS, JR. VIRGIL "GUS"
GRISSOM.

674
00:59:49,450 --> 00:59:58,369
EDWARD H. WHITE, II.
ROGER B. CHAFEE.

675
00:59:58,369 --> 01:00:11,819
MICHAEL J. ADAMS.
ROBERT H. LAWRENCE, JR. FRANCES

676
01:00:11,819 --> 01:00:18,240
"DICK" SCOBY.
MICHAEL J. SMITH.

677
01:00:18,240 --> 01:00:30,109
JUDITH A. RESNIK.
ALLISON S.BONAZUKA.

678
01:00:30,109 --> 01:00:37,960
RONALD E. McMANN.
GREGORY B. JARVIS.

679
01:00:37,960 --> 01:00:47,820
CHRISTA McAULIFFE.
MADELEINE L. "SONNY" CARTER, JR.

680
01:00:47,820 --> 01:00:56,630
RICK D. --.
WILLIAM C. McCOOL.

681

01:00:56,630 --> 01:01:13,670

MICHAEL P. ANDERSON.

DAVID M. BROWN LAUREL CLARK.

682

01:01:13,670 --> 01:01:34,339

AND ELI RAMONE.

THANK YOU.

683

01:01:34,339 --> 01:01:44,160

[APPLAUSE]

THAT CONCLUDE PROGRAM HERE AT

684

01:01:44,160 --> 01:01:47,750

OUR FACILITY.

WE WILL FOLLOW THIS WITH A

685

01:01:47,750 --> 01:01:52,001

LAYING OF A WREATH, WEATHER
PERMITTING, AT THE ASTRONAUT

686

01:01:52,001 --> 01:01:54,940

MEMORIAL THAT YOU JUST SAW FROM
THE SCREEN.

687

01:01:54,940 --> 01:02:04,210

I'D LIKE TO ASK OUR ASTRONAUTS,
OUR APOLLO ASTRONAUTS TO FIRST

688

01:02:04,210 --> 01:02:08,450

BEGIN TO WALK OUT THERE AS WELL
AS OUR FAMILY MEMBERS, SO WE CAN

689

01:02:08,450 --> 01:02:13,839

HAVE OUR FAMILY MEMBERS AND OUR
ASTRONAUTS AND OUR CURRENT

690

01:02:13,839 --> 01:02:16,550

ASTRONAUT CORE TO BEGIN
PROCEEDING OUT THERE.

691

01:02:16,550 --> 01:02:20,619

THERE WILL BE FOLKS HELPING YOU
WALK OUT AND ANYONE WHO MAY NEED

692

01:02:20,619 --> 01:02:25,910

A RIDE, WE HAVE PEOPLE TO HELP
THEM OUT THERE.

693

01:02:25,910 --> 01:02:45,049

WE WILL LET THEM DEPART FIRST.
>> THE NASA FOUNDATION THE

694

01:02:45,049 --> 01:02:49,799

MEMORIAL THAT WAS BUILT NEAR THE
SPACE CENTER WITH THE CHALLENGER

695

01:02:49,799 --> 01:02:55,100

COLOMBIA LICENSE TAG IS A
42-FOOT-TALL, 50 WATT, 50-FOOT

696

01:02:55,100 --> 01:03:00,380

WIDE GRANITE STRUCTURE AND ON
IT, IT HAS ENGRAVED THE NAMES OF

697

01:03:00,380 --> 01:03:06,819

ALL THOSE WHO DIED IN DUTY AS
U.S. ASTRONAUTS.

698

01:03:06,819 --> 01:03:11,259

THE NAMES ARE CUT THROUGH THE
GRANITE AND THE LIGHT PENETRATES