



We're sending a rover to
Mars in 2020.

1

00:01:34,799 --> 00:01:37,999

>> GOOD MORNING.

AND WELCOME TO THE 2017

2

00:01:37,999 --> 00:01:42,729

ADMINISTRATORS, AGENCY HONOR
AWARDS PROGRAM.

3

00:01:42,729 --> 00:01:47,799

MY NAME IS ANGELA McDANIEL AND
I'M THE AGENCY HONOR AWARDS

4

00:01:47,799 --> 00:01:51,899

PROGRAM MANAGER WITH THE OFFICE
OF HUMAN CAPITAL MANAGEMENT AT

5

00:01:51,899 --> 00:01:55,459

NASA HEADQUARTERS IN WASHINGTON,
D.C.

6

00:01:55,459 --> 00:01:58,959

IT IS MY PLEASURE TO INTRODUCE
TO YOU, THE MC FOR TODAY'S

7

00:01:58,959 --> 00:02:05,249

CEREMONY, MR. ROB WYMAN.
MR. WYMAN IS WITH THE OFFICE OF

8

00:02:05,249 --> 00:02:11,720

COMMUNICATIONS.
HE CAME TO LANGLEY IN 2011,

9

00:02:11,720 --> 00:02:17,700

AFTER A 24-YEAR CAREER AS A
PUBLIC AFFAIRS OFFICER WITH THE

10

00:02:17,700 --> 00:02:24,280

U.S. COAST GUARD.
HE NOW OVERSEES THE CENTER'S

11
00:02:24,280 --> 00:02:28,790
INTERNAL AND EXTERNAL
COMMUNICATIONS, PUBLIC OUTREACH

12
00:02:28,790 --> 00:02:33,280
AND EXHIBITS, SPECIAL EVENTS AND
PROTOCOL SERVICES FOR THE

13
00:02:33,280 --> 00:02:37,549
CENTER'S VIP GUESTS.
PLEASE HELP ME WELCOME MR. ROB

14
00:02:37,549 --> 00:02:45,799
WYMAN.
[APPLAUSE]

15
00:02:45,799 --> 00:02:49,170
>> THANK YOU, ANGIE.
THIS ANNUAL AWARDS CEREMONY IS

16
00:02:49,170 --> 00:02:53,060
AN OPPORTUNITY FOR US TO COME
TOGETHER TO HONOR NASA'S BEST OF

17
00:02:53,060 --> 00:02:56,050
THE BEST.
BEFORE WE BEGIN WE ASK THOSE WHO

18
00:02:56,050 --> 00:02:59,400
ARE ABLE TO PLEASE RISE FOR THE
PRESENTATION OF COLORS BY THE

19
00:02:59,400 --> 00:03:02,760
LANGLEY AIR FORCE BASE COLOR
GUARD, AND THE PERFORMANCE OF

20
00:03:02,760 --> 00:03:04,400
THE NATIONAL ANTHEM AND
PATRIOTIC ENSEMBLE.

21

00:03:04,400 --> 00:03:05,400

>> HALT!

PRESENT ARMS.

22

00:03:05,400 --> 00:03:06,400

§ OH, SAY CAN YOU SEE §

§ BY THE DAWN'S EARLY LIGHT §

23

00:03:06,400 --> 00:03:07,489

§ WHAT SO PROUDLY WE HAILED §

§ AT THE TWILIGHT'S LAST

24

00:03:07,489 --> 00:03:09,370

GLEAMING §

§ WHOSE BROOD STRIPES AND BRIGHT

25

00:03:09,370 --> 00:03:10,659

STARS §

§ THROUGH THE PERILOUS FIGHT §

26

00:03:10,659 --> 00:04:03,469

§ O'ER THE RAMPARTS WE WATCHED §

§ WERE SO GALLANTLY STREAMING §

27

00:04:03,469 --> 00:04:17,789

§ AND THE ROCKET'S RED GLARE §

§ THE BOMBS BURSTING IN AIR §

28

00:04:17,789 --> 00:04:31,780

§ GAVE PROOF THROUGH THE NIGHT §

§ THAT OUR FLAG WAS STILL

29

00:04:31,780 --> 00:04:40,150

THERE §

§ OH SAY DOES THAT STAR-SPANGLED

30

00:04:40,150 --> 00:04:52,509

BANNER YET WAVE §

§ O'ER THE LAND OF THE FREE §

31
00:04:52,509 --> 00:05:19,629
§ AND THE HOME OF THE BRAVE §
§ OF THE BRAVE §

32
00:05:19,629 --> 00:05:40,990
§ OH BEAUTIFUL FOR SPACIOUS
SKIES §

33
00:05:40,990 --> 00:05:46,110
§ FOR AMBER WAVES OF GRAIN §
§ FOR PURPLE MOUNTAIN'S IMAGINE

34
00:05:46,110 --> 00:05:49,610
INDUSTRY §
§ ABOVE THE FRUITED PLAINS §

35
00:05:49,610 --> 00:05:58,330
§ AMERICA, AMERICA, GOD SHED HIS
GRACE ON THEE §

36
00:05:58,330 --> 00:06:04,439
§ AND CROWNED THE GOOD WITH
BROTHERHOOD §

37
00:06:04,439 --> 00:06:18,539
§ FROM SEA TO SHINING SEA §
§ MY COUNTRY TIS OF THREE, SWEET

38
00:06:18,539 --> 00:06:27,509
LAND OF LIBERTY §
§ OF THEE I SING §

39
00:06:27,509 --> 00:06:42,919
§ LAND WHERE MY FATHER DIED §
§ LAND OF THE PILL GRAM'S

40
00:06:42,919 --> 00:06:55,419
PRIDE §
§ FROM EVERY MOUNTAIN SIDE §

41

00:06:55,419 --> 00:07:11,050

§ LET FREEDOM RING §

§ AMERICA, AMERICA §

42

00:07:11,050 --> 00:07:23,550

§ MY HOME §

§ AMERICA, AMERICA §

43

00:07:23,550 --> 00:07:36,060

§ MY HOME §

§ MY HOME §

44

00:07:36,060 --> 00:07:38,909

>> PLEASE BE SEATED.

THAT WAS FANTASTIC.

45

00:07:38,909 --> 00:07:41,619

WE WOULD LIKE TO EXTENDING OUR

APPEARATION TO THE LANGLEY AIR

46

00:07:41,619 --> 00:07:45,669

FORCE BASE COLOR GUARD, AND

THANK YOU TO THE MAESTRO SINGERS

47

00:07:45,669 --> 00:07:46,669

FOR YOUR OUTSTANDING

PERFORMANCE.

48

00:07:46,669 --> 00:07:51,690

LET'S GIVE THEM A ROUND OF

APPLAUSE.

49

00:07:51,690 --> 00:07:57,560

[APPLAUSE]

>> AT THIS TIME, I WOULD LIKE TO

50

00:07:57,560 --> 00:08:01,240

INVITE OUR HOST, THE DIRECTOR OF

NASA'S LANGLEY RESEARCH CENTER

51
00:08:01,240 --> 00:08:06,490
DR. DAVID BOLD TO PROVIDE HIS
WELCOMING REMARKS.

52
00:08:06,490 --> 00:08:13,729
>> WELL, HELLO.
AND ON BEHALF OF NASA LANGLEY

53
00:08:13,729 --> 00:08:18,330
RESEARCH CENTER, I WOULD LIKE TO
WELCOME ALL OF YOU TO THE 2017

54
00:08:18,330 --> 00:08:20,099
ADMINISTRATOR'S AGENCY HONOR
AWARDS.

55
00:08:20,099 --> 00:08:28,720
IT'S SUCH A PLEASURE AND
PRIVILEGE TO HOST THIS EVENT.

56
00:08:28,720 --> 00:08:30,889
IN THE MIDST OF OUR CENTER'S
CENTENNIALCELEBRATION,

57
00:08:30,889 --> 00:08:38,460
JULY 17TH, 1917, A LITTLE LESS
THAN A HUNDRED YEARS AGO, WORK

58
00:08:38,460 --> 00:08:41,920
BEGAN ON THE FACILITY THAT WOULD
BECOME NASA LANGLEY.

59
00:08:41,920 --> 00:08:44,240
FOR 100 YEARS WE HAVE BEEN
SUPPLYING THE TECHNICAL

60
00:08:44,240 --> 00:08:48,970
FOUNDATIONS AND BREAK-THROUGH
CONCEPTS NEEDED FOR MISSION

61
00:08:48,970 --> 00:08:51,089
SUCCESS.
SO LET'S TAKE A QUICK LOOK AT

62
00:08:51,089 --> 00:08:53,550
SOME OF THOSE THINGS WE HAVE
DONE.

63
00:08:53,550 --> 00:08:57,880
>> 100 YEARS AGO, THE NATIONAL
ADVISORY COMMITTEE FOR

64
00:08:57,880 --> 00:09:03,080
AERONAUTICS, ESTABLISHED THE
FIRST CIVILIAN AERONAUTICS

65
00:09:03,080 --> 00:09:08,560
LABORATORY, WHAT IS NOW NASA'S
LANGLEY RESEARCH CENTER.

66
00:09:08,560 --> 00:09:18,780
IT HELPS ALL OF US TRAVEL A
SAFER, FURTHER, AND FASTER.

67
00:09:18,780 --> 00:09:25,330
DURING WORLD WAR II, OUR
ENGINEERS TESTED PLANES LIKE THE

68
00:09:25,330 --> 00:09:32,170
P-51 MUSTANG.
CHANGES THEY MADE TO THESE

69
00:09:32,170 --> 00:09:37,149
AIRCRAFT TO GAIN SPEED AND USE
LESS FUEL HELPED WIN THE WAR.

70
00:09:37,149 --> 00:09:41,270
AS LANGLEY ENGINEERS PUSHED THE
ARROW GNATTICS ENVELOPE, THEY

71
00:09:41,270 --> 00:09:50,440
PARTNERED WITH THE MILITARY.
AND AIR PILOT CHUCK YAEGER

72
00:09:50,440 --> 00:09:54,030
FLEW INTO HISTORY, BECOMING THE
FIRST PERSON TO BREAK THE SOUND

73
00:09:54,030 --> 00:09:59,050
BARRIER, BUT THAT WASN'T FAST
ENOUGH, SO RESEARCHES AT LANGLEY

74
00:09:59,050 --> 00:10:06,970
WENT BACK TO THE WIND TUNNELS
AND BY 1959, THX-15 CLIMBEDTORS

75
00:10:06,970 --> 00:10:12,889
FIVE TIMES FASTER THAN THE SPEED
OF SOUND, PAVING THE WAY FE FLI.

76
00:10:12,889 --> 00:10:17,139
AS THE SPACE RACE TRANSFORMED US
INTO THE NATIONAL AERONAUTICS

77
00:10:17,139 --> 00:10:23,529
AND SPACE ADMINISTRATION,
AMERICAN'S PROGRAM BEGAN WITH

78
00:10:23,529 --> 00:10:26,930
PROJECT MERCURY.
LANGLEY TACKLED THE CHALLENGES

79
00:10:26,930 --> 00:10:30,300
OF SPACE FLIGHT, TRAINED
ASTRONAUTS AND SUCCESSFULLY

80
00:10:30,300 --> 00:10:34,339
MANAGED MERCURY, GOING ON TO
PLAY MAJOR ROLES IN GEMINI AND

81
00:10:34,339 --> 00:10:39,120
OPPOLO.
THE NOON GAME THE NEXT GOAL.

82
00:10:39,120 --> 00:10:44,620
THIS PROGRAM NOT ONLY MAPPED THE
MOON BUT SHOWS WHERE MAN WOULD

83
00:10:44,620 --> 00:10:47,600
LEAVE THOSE FIRST FOOTPRINTS ON
HIS SURFACE.

84
00:10:47,600 --> 00:10:53,690
AND THE 12 ASTRONAUTS CAMS TO
LANGLEY TO TRAIN.

85
00:10:53,690 --> 00:11:00,810
THEY ALSO DEVELOPED AN IDEA THAT
ALLOWED THE ASTRONAUTS TO FLY TO

86
00:11:00,810 --> 00:11:04,540
THE MOON AND RETURN SAFELY TO
EARTH.

87
00:11:04,540 --> 00:11:08,430
ATMOSPHERIC SCIENCE WORK BEGAN
IN T EARLY 1970S.

88
00:11:08,430 --> 00:11:12,209
AS RESEARCHERS LEARNED MORE
ABOUT THE AIR AROUND US, THE

89
00:11:12,209 --> 00:11:17,279
IMPROVED MEASUREMENTS OF EARTH'S
ATMOSPHERE, AND FOREVER CHANGED

90
00:11:17,279 --> 00:11:20,269
OUR UNDERSTANDING OF THE AIR WE
BREATHE.

91
00:11:20,269 --> 00:11:23,710
THE PLANES THAT 234R50U HIGHER
AND FASTER RAISED CURBS ABOUT

92
00:11:23,710 --> 00:11:28,940
ENVIRONMENTAL IMPACT.
SO NASA STOOK TOOK INSTRUMENTS

93
00:11:28,940 --> 00:11:35,270
TO THE SKY.
USING WHAT WLERNE ABOUT

94
00:11:35,270 --> 00:11:38,100
TRELING THROUGH EARTH'S
ATMOSPHERE, RESEARCHERS BEGAN TO

95
00:11:38,100 --> 00:11:41,290
FIGURE OUT HOW WE COULD LAND ON
OTHER PLANETS.

96
00:11:41,290 --> 00:11:46,180
LANGLEY LEAD THE FIRST
SUCCESSFUL U.S. MISSION WITH THE

97
00:11:46,180 --> 00:11:50,990
VIKING LANDING IN 1976,
SETTING THE STAGE FOR OUR

98
00:11:50,990 --> 00:11:54,600
JOURNEY TO MARS.
NASA'S SPACE SHUTTLE WAS AN

99
00:11:54,600 --> 00:12:07,940
ESSENTIAL STEP ON THAT JOURNEY.
EASI ACCESS TO SPACE MEANT

100
00:12:07,940 --> 00:12:12,160
SATELLITES, SATELLITES THAT
COULD BE USED TO OBSERVE EAH'S

101
00:12:12,160 --> 00:12:14,940
ATMOSPHERE FROM ABOVE.
LEARNING MORE ABOUT OUR

102
00:12:14,940 --> 00:12:20,750
ATMOSPHERE THINNING
OF THE OZONE.

103
00:12:20,750 --> 00:12:25,200
FOR DECADES LANGLEY'S
INSTRUMENTS AND SPACE PROJECTS

104
00:12:25,200 --> 00:12:35,240
HAVE STEADIED THE AIR, WITH AN
E ENERGY CONSERVATION,

105
00:12:35,240 --> 00:12:39,480
LANGLEY ENGINEERS DEVELOPED
LETS SAVING BILLIONS OF DOLLARS

106
00:12:39,480 --> 00:12:43,910
IN FUEL AND REDUCING POLLUTION.
IN THE SEARCH FOR GREENER,

107
00:12:43,910 --> 00:12:49,709
QUIETER AIRCRAFT, RESEARCHER
TURNS TO LANGLEY TO DESIGN NEW

108
00:12:49,709 --> 00:12:53,579
PLANES LIKE THOSE WITH
BLENDED-WING BODIES.

109
00:12:53,579 --> 00:12:57,360
NASA LANGLEY RESEARCH CENTER
COTO CREATE FIRSTS IN

110
00:12:57,360 --> 00:13:01,500
AERONAUTICS, SCIENCE AND
EXPLORATION, INSPIRING FUTURE

111

00:13:01,500 --> 00:13:08,729

GENERATIONS TO MAKE THE NEXT
GIANT LEAP FOR HUMAN KIND.

112

00:13:08,729 --> 00:13:13,709

§§

>> WELL, THE PROUD LEGACY OF

113

00:13:13,709 --> 00:13:17,279

PROBLEM SOLVING CONTINUES TODAY.
THIS YEAR WE HAVE BEEN TESTING

114

00:13:17,279 --> 00:13:23,399

THE SPACE LAUNCH SYSTEMS, YOUR
14 BY 22 SUB SONIC TUNNEL.

115

00:13:23,399 --> 00:13:26,149

ELSEWHERE WORK CONTINUES TO
[INAUDIBLE] ON ORION'S LAUNCH

116

00:13:26,149 --> 00:13:30,519

ABOARD SYSTEM, AND WITH THE NASA
CREW PROGRAM.

117

00:13:30,519 --> 00:13:36,500

AND WE HAVE SEEN STAGE 3 LAUNCH
EARLIER THIS YEAR, AND BE

118

00:13:36,500 --> 00:13:38,100

SUCCESSFULLY INSTALLED ON THE
IRK

119

00:13:38,100 --> 00:13:45,720

-- ISS, AND WE HAVE BEEN
WORKING ON EX-PLANE CONCEPTS,

120

00:13:45,720 --> 00:13:49,180

DETAIN THE SONIC BOOM AND ONCE
AGAIN BRING SUPER SONIC FLIGHT

121

00:13:49,180 --> 00:14:01,069

OVER LAND.

TODAY WE FOCUS ON THE MEN AND

122

00:14:01,069 --> 00:14:03,420

WOMAN WHO HAVE GREAT

ACHIEVEMENTS POSSIBLE.

123

00:14:03,420 --> 00:14:07,509

WITHOUT THEIR TALENT, DRIVE AND

END GENUITY, AND SO MANY MORE

124

00:14:07,509 --> 00:14:10,820

DEDICATED EMPLOYEES, ROCKETS

COULD NEVER LEAVE THE LAUNCH

125

00:14:10,820 --> 00:14:14,180

PAD, AND OUR BOLD PLANS COULD

NOT TAKE FLIGHT.

126

00:14:14,180 --> 00:14:22,560

SO I WELCOME ALL OF YOU TO

LANGLEY, AND OUR AGENCY'S FIRST

127

00:14:22,560 --> 00:14:25,149

FIELD CENTER.

SO AT THIS TIME, I WOULD LIKE TO

128

00:14:25,149 --> 00:14:29,290

INTRODUC NASA'S ACTING DEPUTY

SUPERVISOR.

129

00:14:29,290 --> 00:14:38,639

LISA, COME ON UP.

[APPLAUSE]

130

00:14:38,639 --> 00:14:43,870

>> WELL, IT'S GREAT TO BE HERE

AT NASA LANGLEY THIS MORNING,

131

00:14:43,870 --> 00:14:47,670

GOOD MORNING TO ALL, AND IT'S
GREAT TO BE HERE WITH SO MANY OF

132

00:14:47,670 --> 00:14:52,009

OUR FOLKS ACROSS OUR NASA
CENTERS THAT I HAVE HAD -- HAVE

133

00:14:52,009 --> 00:14:54,740

BEEN FORTUNATE ENOUGH TO WORK
WITH OVER MY CAREER, SO I CAN

134

00:14:54,740 --> 00:14:58,110

SAY HONESTLY, IT FEELS LIKE
HOME.

135

00:14:58,110 --> 00:15:03,720

NASA LANGLEY IS AND ALWAYS HAS
BEEN VITAL TO OUR NATION.

136

00:15:03,720 --> 00:15:07,149

SO IT'S VERY FITTING TODAY TO BE
HOLDING OUR ADMINISTRATOR'S

137

00:15:07,149 --> 00:15:12,139

HONOR AWARDS, HERE, CELEBRATING
ALL OF YOUR ACCOMPLISHMENTS AS

138

00:15:12,139 --> 00:15:16,249

WE CELEBRATE NASA LADIES AND
GENTLEMEN'S 100 ANNIVERSARY.

139

00:15:16,249 --> 00:15:19,639

AND BY THE WAY, 100 NEVER LOO
SOD GOOD.

140

00:15:19,639 --> 00:15:21,800

[LAUGHTER]

>> SO CONGRATULATIONS TO ALL OF

141

00:15:21,800 --> 00:15:25,230

OUR DISTINGUISHED HONOREES, ALL
OF THE FAMILY AND FRIENDS THAT

142

00:15:25,230 --> 00:15:28,690

ARE WITH US HERE TODAY.
THANK YOU TO OUR ACTING

143

00:15:28,690 --> 00:15:33,550

ADMINISTRATOR FOR HIS AMAZING
LEADERSHIP OF T GREAT AGENCY,

144

00:15:33,550 --> 00:15:37,180

AND THANKS TO EVERYONE WHO TOOK
PART INAKING THIS SUCH A

145

00:15:37,180 --> 00:15:41,500

SPECIAL EVENT TODAY.
THIS IS THE BEST PART OF MY JOB,

146

00:15:41,500 --> 00:15:44,959

WHERE I GET TO RECOGNIZE OUR
EMPLOYEES AND ALL FACETS OF OUR

147

00:15:44,959 --> 00:15:48,389

WORK THAT WE DO.
THE WORLD KNOWS THE VERY PUBLIC

148

00:15:48,389 --> 00:15:53,330

FACE OF NASA WEEE WITH OUR
LAUNCHES, OUR ASTRONAUTS, WITH

149

00:15:53,330 --> 00:16:00,160

OUR SCIENTIFIC MISSIONS.
THESE HONOR WARSD GET A CHANCE

150

00:16:00,160 --> 00:16:04,870

TO REALLY RECOGNIZE THE FULL
SCOPE OF THE WORK THAT WE DO.

151

00:16:04,870 --> 00:16:07,860

WITHOUT THE WORK OF THE PEOPLE
IN THIS ROOM, WE COULDN'T GET ON

152

00:16:07,860 --> 00:16:11,139

AND OFF THIS -- OUR OWN HOME
PLANET, SO IT'S AMAZING THE

153

00:16:11,139 --> 00:16:14,670

ACCOMPLISHMENTS THAT WE DO
THE W YOU ARE DOING IS

154

00:16:14,670 --> 00:16:19,550

AMAZING, INCREDIBLE, AND
UNPRECEDENTED THINGS, AND IT

155

00:16:19,550 --> 00:16:25,750

WILL LEAD TO A FUTURE OFMAZING
AND UNPRECEDENTED THANKS.

156

00:16:25,750 --> 00:16:30,589

IT'S OUR GREAT PRIVILEGE TO TELL
YOUR STORIES AND SING YOUR

157

00:16:30,589 --> 00:16:33,710

PRSES.
THE WORK WE DO TAKES A TEAM, AND

158

00:16:33,710 --> 00:16:38,199

THE FOLKS THAT WE ARE HONORING
TODAY HAVE BEEN NOMINATED BY

159

00:16:38,199 --> 00:16:42,680

MEMBERS OF THAT TEAM.
SO AS SOMEONE TOOK THAT STEP TO

160

00:16:42,680 --> 00:16:46,410

NOMINATE EACH AND EVERY ONE OF
YOU THAT WE ARE HONORING TODAY,

161

00:16:46,410 --> 00:16:49,970

BECAUSE THEY FEEL LIKE YOU ARE
TRULY DESERVING, AND THAT MAKES

162

00:16:49,970 --> 00:16:58,129

THESE AWARDS EVEN MORE SPECIAL.
AND I HOPE THAT GOING FORWARD,

163

00:16:58,129 --> 00:17:01,760

EACH OF YOU THINK ABOUT THAT,
AND -- ANAND

164

00:17:01,760 --> 00:17:04,410

NOMINATE -- AND THOSE REMOTELY
AS WELL -- AND NOMINATE YOUR

165

00:17:04,410 --> 00:17:09,220

COLLEAGUES FOR NEXT YEAR'S
AWARDS OR AWARDS THEREAFTER.

166

00:17:09,220 --> 00:17:12,390

WE ARE BLESSED AND SURROUNDED BY
EXCELLENCE AND WE WANT TO MAKE

167

00:17:12,390 --> 00:17:17,020

SURE WE RECOGNIZE THAT.
AND I WANT TO COMMEND EACH OF

168

00:17:17,020 --> 00:17:21,840

OUR DISTINGUISHED HONOREES FOR
BEING A MENTOR AND A ROLE MODEL.

169

00:17:21,840 --> 00:17:25,319

PASSING THE TORCH TO THOSE
BEHIND US IS THE GREATEST

170

00:17:25,319 --> 00:17:30,530

CONTRIBUTION THAT YOU CAN GIVE
TO NASA AND OUR NATION, AND TO

171

00:17:30,530 --> 00:17:33,950

MAKE SURE THAT WE'RE GOING TO
CONTINUE TO BE GREAT FOR THE

172

00:17:33,950 --> 00:17:38,160

NEXT 100 YEARS, SO THANK YOU FOR
BEING THAT VERY ROLE MODEL

173

00:17:38,160 --> 00:17:41,540

AND -- AND LEADER.
SO IT IS MY PLEASURE NOW TO

174

00:17:41,540 --> 00:17:45,250

INTRODUCE THE MAN WHO HAS BN
MOVING OUR AGENCY FORWARD DURING

175

00:17:45,250 --> 00:17:49,059

A TIME OF GREAT EXCITEMENT A
TRANSITION.

176

00:17:49,059 --> 00:17:52,880

IT HAS BEEN MY GREAT HONOR TO
GET TO SERVE WITH -- WITH THIS

177

00:17:52,880 --> 00:17:55,340

PERSON.
SO PLEASE JOIN ME IN WELCOMING

178

00:17:55,340 --> 00:18:02,740

YOUR NASA'S ACTING
ADMINISTRATOR, ROBERT LIGHTFOOT.

179

00:18:02,740 --> 00:18:07,679

[APPLAUSE]

180

00:18:07,679 --> 00:18:11,650

>> GOOD MORNING.
THIS IS A CELEBRATION, Y'ALL.

181

00:18:11,650 --> 00:18:13,150

GOOD MORNING.

ALL RIGHT.

182

00:18:13,150 --> 00:18:15,590

THAT'S MUCH BETTER.

I WANT TO THANK DAVE AND LISA

183

00:18:15,590 --> 00:18:20,010

FOR THE KIND WORDS.

AND I WANT TO THANK EVERYBODY

184

00:18:20,010 --> 00:18:25,340

WHO JOINED US HERE TODAY.

IT IS REALLY AN HONOR FOR ME TO

185

00:18:25,340 --> 00:18:27,860

BE PART OF THIS.

THIS IS A GREAT DAY FOR ME.

186

00:18:27,860 --> 00:18:36,300

THIS IS A DAY I GET EXITED

EXITED -- EXCITED ABOUT.

187

00:18:36,300 --> 00:18:38,030

I WANT TO THANK EVERYBODY THAT

HAS WORKED SO HARD TO GET THIS

188

00:18:38,030 --> 00:18:40,720

CEREMONY PUT IN PLACE BEFORE I

GET STARTED.

189

00:18:40,720 --> 00:18:43,970

OUR OFFICE OF HUMAN CAPITAL,

MANAGEMENT HAS DONE A FANTASTIC

190

00:18:43,970 --> 00:18:46,170

JOB.

AND THE GROUP IN MISSISSIPPI

191

00:18:46,170 --> 00:18:49,550
HAVE DONE A WONDERFUL JOB
GETTING THIS SET UP, SO WE CAN

192
00:18:49,550 --> 00:18:54,750
REALLY TRULY HONOR THESE FOLKS
FOR THE WORK THEY HAVE DONE.

193
00:18:54,750 --> 00:18:58,130
OUR WORKFORCE CONTINUES A LEGACY
OF AMAZING ACCOMPLISHMENTS FOR

194
00:18:58,130 --> 00:19:09,970
THIS GREAT NATION.
YOU REPRESENT THE BEST.

195
00:19:09,970 --> 00:19:13,230
HUMAN SPACE FLIGHT, SCIENCE,
TECHNOLOGY, ARROW NOTTICS, AND

196
00:19:13,230 --> 00:19:18,530
THOSE MISSION ENABLING FUNCTIONS
WE OFTEN FORGET TO TALK ABOUT.

197
00:19:18,530 --> 00:19:25,940
WE HAVE A BIG MIX OF SCIENTISTS,
ENGINEERS, MANAGERS,

198
00:19:25,940 --> 00:19:28,890
COMMUNICATORS, INNOVATORS,
LEADERS IN EVERY SENSE OF THE

199
00:19:28,890 --> 00:19:33,430
WORLD.
WE PRESENT TODAY AS -- THESE ARE

200
00:19:33,430 --> 00:19:40,260
THE HIGHEST HONORS THAT NASA
BESTOWS OF OUR WORKFORCE.

201

00:19:40,260 --> 00:19:43,980
WE CELEBRATE THE EXCELLENCE OF
HIS HONOREES AND THEIR TEAMS

202
00:19:43,980 --> 00:19:46,890
THROUGHOUT THE AGENCY, BECAUSE I
GUARANTEE EACH OF THESE FOLKS

203
00:19:46,890 --> 00:19:51,690
WOULD SAY I DIDN'T DO THIS BY
MYSELF.

204
00:19:51,690 --> 00:19:54,370
WE CELEBRATE WHAT THEY HAVE
DONE -- AND WE WANT YOU GUYS TO

205
00:19:54,370 --> 00:19:56,750
FEEL HONORED.
WE WANT YOU TO FEEL LIKE YOU ARE

206
00:19:56,750 --> 00:19:58,890
BEING RECOGNIZED FOR WHAT YOU
ARE DONE, BECAUSE WE'RE SUPER

207
00:19:58,890 --> 00:20:01,480
PROUD OF YOU.
AND WE COULDN'T ASK FOR MORE

208
00:20:01,480 --> 00:20:04,220
FROM EACH OF YOU, AND WE WANT TO
CELEBRATE YOUR ACCOMPLISHMENTS

209
00:20:04,220 --> 00:20:13,080
TODAY.
YOU ARE A GREAT EXAMPLE.

210
00:20:13,080 --> 00:20:15,000
THE OTHER THING THAT I SEE IN
EVERYONE IN THIS ROOM,

211

00:20:15,000 --> 00:20:18,670
ESPECIALLY THE ONES I KNOW
PERSONALLY IS THAT GREAT PASSION

212
00:20:18,670 --> 00:20:20,590
THAT YOU HAVE FOR WHAT WE'RE
TRYING TO DO.

213
00:20:20,590 --> 00:20:24,170
THAT PASSION IS -- IT IS JUST
CONTAGIOUS TO THE REST OF US.

214
00:20:24,170 --> 00:20:27,470
AND WHEN YOU HEAR WHAT THESE
FOLKS HAVE DONE TODAY, I HOPE IT

215
00:20:27,470 --> 00:20:30,510
WILL HELP YOU AS WELL.
BUT IT'S MORE THAN JUST THE

216
00:20:30,510 --> 00:20:33,840
HONOREES AND THEIR TEAMS BACK AT
HOME.

217
00:20:33,840 --> 00:20:36,380
IT'S THEIR FAMILIES AND THEIR
SUPPORT SYSTEM.

218
00:20:36,380 --> 00:20:41,870
SO IF YOU ARE HERE WITH AN
HONOREE, SUPPORTING THEM, WOULD

219
00:20:41,870 --> 00:20:43,280
YOU PLEASE STAND.
WE WOULD LIKE TO GIVE YOU GUYS A

220
00:20:43,280 --> 00:20:45,270
ROUND OF APPLAUSE.
FAMILY MEMBERS.

221

00:20:45,270 --> 00:20:54,050

COME ON.
YOU CAN DO IT.

222

00:20:54,050 --> 00:20:57,930

[APPLAUSE]

223

00:20:57,930 --> 00:21:00,250

>> YOU GUYS, WHETHER YOU KNOW IT
OR NOT, YOU ARE PART OF OUR

224

00:21:00,250 --> 00:21:03,210

FAMILY, AND YOU ALLOW THOSE OF
US THAT WORK IN THIS

225

00:21:03,210 --> 00:21:06,250

AGENCY -- YOU ALLOW US TO GO GET
TO DO WHAT WE LOVE TO DO.

226

00:21:06,250 --> 00:21:09,820

WHETHER THAT MEANS PICKING UP
THE KIDS AT A BALL GAME LATE,

227

00:21:09,820 --> 00:21:15,260

EATING DINNER LATE, OR JUST
LISTENING TO US WHINE WHEN WE

228

00:21:15,260 --> 00:21:21,080

GET HOME, IT'S REALLY IMPORTANT
WHAT YOU DO.

229

00:21:21,080 --> 00:21:23,010

SO THANK YOU VERY MUCH FOR
SUPPORTING THEM AS WE MOVE

230

00:21:23,010 --> 00:21:26,950

FORWARD.
TODAY'S CEREMONY IS INTENDED TO

231

00:21:26,950 --> 00:21:28,892

HIGHLIGHT THE DISTINGUISHED
CONTRIBUTIONS OF ALL OF THE

232

00:21:28,892 --> 00:21:32,780

HONOREES, AND HOPEFULLY WE'LL A
WATCHING.

233

00:21:32,780 --> 00:21:37,220

AS LISA SAID, SOMEBODY NOMINATED
THESE FOLKS, AND I HOPE SOMEBODY

234

00:21:37,220 --> 00:21:43,940

THINKS ABOUT NOMINATING ONE OF
THEIR PEERS MOVING FORWARD.

235

00:21:43,940 --> 00:21:46,160

ABOUT THREE YEARS AGO, WE MOVED
THE CEREMONY.

236

00:21:46,160 --> 00:21:49,660

WE USED TO DO THIS AT
HEADQUARTERS, AND BEDECIDED IT

237

00:21:49,660 --> 00:21:52,890

WAS IMPORTANT FOR US TO GET OUT
INTO THE AGENCIES.

238

00:21:52,890 --> 00:22:00,520

I THOUGHT IT WAS A GREAT IDEA BY
HUMAN CAPITAL TO DO THAT.

239

00:22:00,520 --> 00:22:02,600

HERE WE ARE AT LANGLEY, AND I
CANNOT THINK OF A BETTER PLACE

240

00:22:02,600 --> 00:22:06,280

TO BE THIS YEAR.
I HAVE ALL OF THESE REMARKS I

241

00:22:06,280 --> 00:22:08,360

WAS GOING TO SHARE ABOUT WHAT
LANGLEY HAS DONE.

242

00:22:08,360 --> 00:22:11,400
BUT YOU SAW THE VIDEO.
AND THERE'S NO WAY I AM GOING TO

243

00:22:11,400 --> 00:22:17,750
TOP THAT VIDEO.
WE SHOULD BE HERE FOR LANGLEY'S

244

00:22:17,750 --> 00:22:19,880
100TH.
THAT'S WHY WE'RE HERE, AND IT

245

00:22:19,880 --> 00:22:22,090
GIVES OUR HONOREES MAYBE A
CHANCE TO SOMETHING THEY HAVEN'T

246

00:22:22,090 --> 00:22:31,420
BEFORE.
THAT BREADTH OF LEADERSHIP AND

247

00:22:31,420 --> 00:22:34,570
THAT BREADTH OF PASSION TOWARDS
GETTING OUR MISSIONS DONE.

248

00:22:34,570 --> 00:22:38,660
THANK YOU AGAIN FOR HAVING US.
SO AS WE MOVE FORWARD THINKING

249

00:22:38,660 --> 00:22:41,610
ABOUT THE HONOREES HERE, AND
EVERYTHING THAT WE'RE DOING, I

250

00:22:41,610 --> 00:22:45,670
THINK -- YOU KNOW, I WOULD BE
REMISS IF I DIDN'T THANK THE

251

00:22:45,670 --> 00:22:49,530

WHOLE NASA WORKFORCE FOR WHAT
THEY DO EVER DAY.

252

00:22:49,530 --> 00:22:52,040

WE WERE THE BEST PLACE TO WORK
IN GOVERNMENT AS NOMINATED BY

253

00:22:52,040 --> 00:23:00,400

YOU FOR THE FIFTH YEAR IN A ROW.
AND I'M PROUD OF THE TEAMS.

254

00:23:00,400 --> 00:23:03,010

TOGETHER WE'RE ALL -- WE'RE
ACHIEVING INCREDIBLE THINGS.

255

00:23:03,010 --> 00:23:06,120

THAT'S WHAT WE DO.
AND AS YOU CAN SEE FROM THESE

256

00:23:06,120 --> 00:23:09,330

HONOR EAST, IT TAKES EVERYONE
FROM ALL AREAS TO MAKE SURE

257

00:23:09,330 --> 00:23:12,330

WE'RE SUCCESSFUL.
IT'S A LOT OF DIFFERENT AREAS,

258

00:23:12,330 --> 00:23:14,990

AND YOU'LL SEE THE BREADTH OF
THIS AS WE GO THROUGH THIS.

259

00:23:14,990 --> 00:23:19,550

THE MISSIONS AREN'T EASY, AND
THEY AREN'T FOR THE FAINT OF

260

00:23:19,550 --> 00:23:23,780

HEART.
WE'RE REWRITING TEXTS BOOKS

261

00:23:23,780 --> 00:23:28,330

EVERY DAY.
WITH OUR DISCOVERIES, AND THE

262
00:23:28,330 --> 00:23:30,170
SCIENTIFIC KNOWLEDGE GAINED
THROUGH THE MISSIONS, WHETHER

263
00:23:30,170 --> 00:23:34,770
THEY ARE K LOOKING AT OUR HOME
PLANET, AT OUR SUN, AND THE

264
00:23:34,770 --> 00:23:39,510
OTHER PLANETS IN THE SOLAR
SYSTEM, OR LOOKING OUT INTO THE

265
00:23:39,510 --> 00:23:42,570
UNIVERSE TO TRY TO UNDERSTAND
THE ORIGINS OF THE UNIVERSE AND

266
00:23:42,570 --> 00:23:45,840
LIFE AS WE KNOW IT, OR WHETHER
WE'RE PUSHING HUMANS FURTHER

267
00:23:45,840 --> 00:23:51,940
INTO SPACE THAN EVER BEFORE.
AND PROVIDE THAT HUMAN

268
00:23:51,940 --> 00:23:58,470
EXPERIENCE BACK TO US TRAPPED
HERE, THAT DON'T GET TO GO, TO

269
00:23:58,470 --> 00:24:01,580
GIVE US THAT EXPERIENCE.
BECAUSE I TRULY BELIEVE

270
00:24:01,580 --> 00:24:05,530
EXPLORATION IS WRITTEN IN OUR
DNA, THE SAME AS IT WAS FOR THE

271
00:24:05,530 --> 00:24:11,330

EXPLORERS WHO CROSSED THE
OCEANS, WENT TO THE POLLS, OR

272

00:24:11,330 --> 00:24:17,940
SUMMITED MOUNT EVEREST, THAT'S
WHAT WE DO.

273

00:24:17,940 --> 00:24:26,890
MUCH LIKE THE VIDEO SHOWED,
LAYING THAT FOUNDATION FOR THE

274

00:24:26,890 --> 00:24:30,350
NATION'S INDUSTRY AND INNOVATION
THAT WE PURSUE AND PUSH AS AN

275

00:24:30,350 --> 00:24:34,281
AGENCY.
YOU HONOREES TODAY, YOU ARE PART

276

00:24:34,281 --> 00:24:37,140
OF THAT LEGACY, RIGHT?
AND I'M REMINDED EVERY TIME WE

277

00:24:37,140 --> 00:24:38,880
HAVE ONE OF THESE, I JUST HAVE
TO SAY IT, BECAUSE I'M

278

00:24:38,880 --> 00:24:41,880
REMICCEDED OF WHAT HAPPENED WHEN
I USED TO TALK TO THE APOLLO

279

00:24:41,880 --> 00:24:48,510
GUYS, THEY ALWAYS SAY, I WAS
JUST DOING MY JOB.

280

00:24:48,510 --> 00:24:51,900
BUT YOU ARE PART OF THAT LEGACY
THAT HAS MADE HISTORY FOR SO

281

00:24:51,900 --> 00:24:56,840

MANY YEARS IN THIS AGENCY, AND
WE'RE GOING TO STAN ON YOUR

282

00:24:56,840 --> 00:24:59,000

SHOULDERS.

YOU ARE PART OF A LEGACY THAT

283

00:24:59,000 --> 00:25:03,970

INSPIRES THE NEXT GENERATION.

WE HAD 18,000 PEOPLE APPLY TO BE

284

00:25:03,970 --> 00:25:07,570

ASTRONAUT

ASTRONAUTS, 18,000 PEOPLE FOR A

285

00:25:07,570 --> 00:25:09,900

GROUP OF 12.

RIGHT?

286

00:25:09,900 --> 00:25:13,190

DON'T TELL ME WE'RE NOT

INSPIRING PEOPLE.

287

00:25:13,190 --> 00:25:15,780

DON'T TELL ME THAT OUR MISSION

DOESN'T INSPIRE FOLKS.

288

00:25:15,780 --> 00:25:20,690

AND YOU GUYS ARE FOUNDATIONAL TO

WHAT WE DO FROM THAT -- FROM

289

00:25:20,690 --> 00:25:23,840

THAT PERSPECTIVE.

YOU ARE PART OF THAT INSPIRATION

290

00:25:23,840 --> 00:25:27,420

AND LEADERSHIP.

EACH OF THE RECIPIENTS HAS

291

00:25:27,420 --> 00:25:32,100

DEMONSTRATED THAT DRIVE TO REACH
THE HIGHER BAR, THEY HAVE DRIVEN

292

00:25:32,100 --> 00:25:34,960

THE REST US TO REACH A HIGHER
BAR, AND THEY RAISE THAT BAR ALL

293

00:25:34,960 --> 00:25:39,510

THE TIME.

I KNOW SOME OF YOU HAVE RETIRED,

294

00:25:39,510 --> 00:25:43,520

AND I WILL BE GLAD TO SEE YOU UP
HERE IN A LITTLE BIT, GIVE YOU A

295

00:25:43,520 --> 00:25:46,050

HUG, AND THANK YOU FOR WHAT YOU
HAVE DONE, BUT WE'RE GOING TO

296

00:25:46,050 --> 00:25:49,830

BUILD ON THE LEGACY THAT YOU
CREATED -- THAT YOU WORKED SO

297

00:25:49,830 --> 00:25:58,920

HARD TO CREATE, REALLY.
I'M GOING TO GIVE YOU AN

298

00:25:58,920 --> 00:26:00,750

EXAMPLE.

AND YOU'LL SEE THIS LATER, BUT I

299

00:26:00,750 --> 00:26:02,500

JUST WANT TO GIVE YOU A SAMPLE,
RIGHT?

300

00:26:02,500 --> 00:26:06,790

AND I THINK IT REALLY
ARTICULATES IN THE BEST WAY

301

00:26:06,790 --> 00:26:10,040

POSSIBLE EVERYTHING WE DO IN
THIS AGENCY, AND WHAT EACH OF

302

00:26:10,040 --> 00:26:12,610

YOU INDIVIDUALLY HAS DONE, AND
IT WILL SHOW YOU WHAT ALL IT

303

00:26:12,610 --> 00:26:17,270

TAKES TO RUN THIS AGENCY, TOO.
LAUNCH VEHICLE DEVELOPMENT FOR

304

00:26:17,270 --> 00:26:20,400

CERTIFICATION AND FLIGHT FROM
SHUTTLE TO OUR NEXT-GENERATION

305

00:26:20,400 --> 00:26:24,230

SYSTEMS.
THE HEALTH OF OUR ASTRONAUTS.

306

00:26:24,230 --> 00:26:32,010

CUTTING-EDGE FUNDAMENTAL
ENGINEERING AND RESEARCH.

307

00:26:32,010 --> 00:26:34,090

STUDYING AND IMPROVING OUR
UNDERSTANDING OF OUR HOME

308

00:26:34,090 --> 00:26:37,740

PLANET.
NEXT-GENERATION AND ADVANCED

309

00:26:37,740 --> 00:26:41,740

SPACECRAFT INSTRUMENTS TO HELP
US BETTER UNDERSTAND AS WELL.

310

00:26:41,740 --> 00:26:46,100

ENSURING WE CAN BRING ON BOARD
THE TALENT WE NEED, AND MAKING

311

00:26:46,100 --> 00:26:51,600

SURE WHEN TA -- THAT TALENT GETS
HERE, THERE IS A DIVERSE

312

00:26:51,600 --> 00:26:56,230

WORKPLACE.

CONNECTING OUR AGENCY TO THE

313

00:26:56,230 --> 00:27:03,890

REST OF THE FEDERAL GOVERNMENT.

ENSURING WE HAVE STRONG

314

00:27:03,890 --> 00:27:06,490

FINANCIAL PERFORMANCE AND ARE

GOOD STEWARDS OF THE TAXPAYER

315

00:27:06,490 --> 00:27:09,990

DOLLARS.

ENSURING EFFECTIVE AND EFFICIENT

316

00:27:09,990 --> 00:27:14,700

OPERATIONS OF OUR FIELD CENTERS

LIKE RIGHT HERE AT LANGLEY.

317

00:27:14,700 --> 00:27:18,030

EXPANDING OUR KNOWLEDGE AND

UNDERSTANDING OF THE SUN.

318

00:27:18,030 --> 00:27:21,040

ASSUMING AVIATION SYSTEMS THAT

WE DEVELOP ARE SAFE AND READY

319

00:27:21,040 --> 00:27:24,950

FOR USE IN THE NATION'S AIR

SPACE.

320

00:27:24,950 --> 00:27:29,750

COMMUNICATING OUR STORY, TO

INSPIRE THE NEXT GENERATION AND

321

00:27:29,750 --> 00:27:32,960

THE PUBLIC.
ENGAGING WITH OUR INTERNATIONAL

322

00:27:32,960 --> 00:27:37,360
PARTNERS TO MAKE SURE OUR
MISSIONS ARE SUCCESSFUL.

323

00:27:37,360 --> 00:27:40,670
AND DEVELOPING THOSE FUTURE
ARCHITECTURES FOR THOSE DISTANT

324

00:27:40,670 --> 00:27:47,370
MISSIONS SO THAT WE MOVE FROM
OUR OWN IMAGINATIONS TO REALITY.

325

00:27:47,370 --> 00:27:50,640
THAT'S WHAT THE HONOREES TODAY
HAVE DONE.

326

00:27:50,640 --> 00:27:53,540
PRETTY AWESOME STUFF.
PRETTY AWESOME STUFF.

327

00:27:53,540 --> 00:27:57,670
SO THANK YOU FOR THAT.
AT NASA ALL OF OUR [INAUDIBLE]

328

00:27:57,670 --> 00:28:01,950
ARE BUILD THROUGH COLLABORATION,
COMMITMENT, AND DEEPLY HELD

329

00:28:01,950 --> 00:28:06,420
PASSIONS.
I THANK ALL OF YOU FOR KEEPING

330

00:28:06,420 --> 00:28:08,840
NASA STRONG EACH AND EVERY DAY
AND HELPING US MAKE THAT

331

00:28:08,840 --> 00:28:12,720

IMPOSSIBLE POSSIBLE.
PLEASE JOIN ME NOW IN

332

00:28:12,720 --> 00:28:15,330
RECOGNIZING OUR COLLEAGUES WHO
HAVE DONE EXCEPTIONAL WORK THIS

333

00:28:15,330 --> 00:28:18,070
YEAR AND CELEBRATING THE
INCREDIBLE MISSIONS THAT RUN

334

00:28:18,070 --> 00:28:23,020
FOLDING RIGHT NOW AS OUR AGENCY
CONTINUES TO PROVIDE GREAT VALUE

335

00:28:23,020 --> 00:28:27,000
OF INNOVATION, INSPIRATION FOR
THIS NATION.

336

00:28:27,000 --> 00:28:31,390
I WANT YOU TO LISTEN CLOSELY
WHEN YOU HEAR ABOUT EACH ONE'S

337

00:28:31,390 --> 00:28:33,580
ACCOMPLISHMENTS.
TAKE IT ALL IN.

338

00:28:33,580 --> 00:28:39,540
I THINK YOU'LL FINE YOU HAVE
BEEN JUST AS PROUD OF THESE GUYS

339

00:28:39,540 --> 00:28:42,980
AND THE AGENCY AS I AM.
FOR THE HONOREES THANK YOU FOR

340

00:28:42,980 --> 00:28:45,720
WHAT YOU HAVE DONE TO GET US TO
WHERE WE ARE TODAY.

341

00:28:45,720 --> 00:28:48,890

WE'LL BUILD -- WE'LL STANDING ON
YOUR SHOULDERS FOR MANY YEARS TO

342

00:28:48,890 --> 00:28:52,720

COME.

THANK YOU, AND AT THIS TIME,

343

00:28:52,720 --> 00:28:56,480

I'LL HAVE LISA COME JOIN ME ON
THE STAGE, SO WE CAN HAND OUT

344

00:28:56,480 --> 00:28:57,860

AWARDS.

AND REMEMBER, THIS IS A

345

00:28:57,860 --> 00:28:59,010

CELEBRATION.

I EXPECT TO HEAR SOME HOOPING

346

00:28:59,010 --> 00:29:00,980

AND HOLLERING WHEN THESE GUYS
GET UP HERE.

347

00:29:00,980 --> 00:29:10,940

THANK YOU, GUYS.

[APPLAUSE]

348

00:29:10,940 --> 00:29:16,240

>> OKAY.

SO LET'S GET TO IT THEN.

349

00:29:16,240 --> 00:29:19,400

LADIES AND GENTLEMEN, EACH YEAR
NASA RECOGNIZES INDIVIDUALS WHO

350

00:29:19,400 --> 00:29:22,940

HAVE MADE OUTSTANDING AND
VALUABLE CONTRIBUTIONS TO NASA'S

351

00:29:22,940 --> 00:29:25,330

MISSION SUCCESS.
THE INDIVIDUALS BEING HONORED

352

00:29:25,330 --> 00:29:29,290
TODAY HAVE BEEN SELECTED TO REF
ONE OF TWO PRESTIGIOUS AWARDS.

353

00:29:29,290 --> 00:29:31,790
FIRST IS THE DISTINGUISHED
SERVICE MEDAL.

354

00:29:31,790 --> 00:29:34,420
THIS IS NATION SA'S HIGHEST FORM
OF RECOGNITION AWARDED TO A

355

00:29:34,420 --> 00:29:38,160
GOVERNMENT EMPLOYEE WHO BY
DISTINGUISHED SERVICE ABILITY OR

356

00:29:38,160 --> 00:29:40,740
VISION HAS PERSONALLY
CONTRIBUTED TO NASA'S

357

00:29:40,740 --> 00:29:43,960
ADVANCEMENT OF UNITED STATES
INTERESTS.

358

00:29:43,960 --> 00:29:46,650
THE INDIVIDUAL'S ACHIEVEMENT OR
CONTRIBUTION MUST DEMONSTRATE A

359

00:29:46,650 --> 00:29:51,640
LEVEL OF EXCELLENCE THAT HAS
MADE A PROFOUND IMPACT ON NASA

360

00:29:51,640 --> 00:29:54,900
MISSION SUCCESS, AND THEREFORE,
THE CONTRIBUTION IS SO

361

00:29:54,900 --> 00:29:58,170

EXTRAORDINARY THAT OTHER FORMS
OF RECOGNITION WOULD BE

362

00:29:58,170 --> 00:30:03,170

INADEQUATE.

OUR FIRST HONOREE IS MR. MIKE

363

00:30:03,170 --> 00:30:07,080

FRENCH.

MIKE FRENCH, WHAT CAN I SAY.

364

00:30:07,080 --> 00:30:11,350

I HOPE I DON'T EMBARRASS HIM
WITH MY COMMENTS.

365

00:30:11,350 --> 00:30:13,560

MIKE WAS SORT OF A LIFESAVER FOR
ME.

366

00:30:13,560 --> 00:30:18,210

HE SERVED AS A DEPUTY TO CHRIS
LOU OVER IN THE CABINET

367

00:30:18,210 --> 00:30:22,220

SECRETARY'S OFFICE, WHICH MEANT
HE TRIED TO HEARD CATS WITH ALL

368

00:30:22,220 --> 00:30:27,340

OF THE SECRETARIES.
HE LEARNED A LOT THERE, AND HE

369

00:30:27,340 --> 00:30:31,100

BECAME THE TROUBLESHOOTER, THE
GUY TO GO HELP AGENCIES THAT

370

00:30:31,100 --> 00:30:33,860

NEEDED HELP.
SO HE WENT FROM -- FROM THERE,

371

00:30:33,860 --> 00:30:36,850

OVER TO THE DEPARTMENT OF
INTERIOR, WHERE HE MADE A BIG

372

00:30:36,850 --> 00:30:41,620
DIFFERENCE, AND WE WERE ALL
FORTUNATE ENOUGH TO HAVE HIM

373

00:30:41,620 --> 00:30:45,470
SERVE AS THE DEPUTY CHIEF OF
STAFF, AND THEN TAKE OVER THE

374

00:30:45,470 --> 00:30:49,360
REINS OF CHIEF OF STAFF.
AND MIC WAS INCREDIBLE.

375

00:30:49,360 --> 00:30:52,460
HIS GRASP OF HOW GOVERNMENT
WORKS.

376

00:30:52,460 --> 00:30:56,320
HIS KNOWLEDGE OF HOW TO MAKE
THINGS HAPPEN HERE IN D.C., AND

377

00:30:56,320 --> 00:31:01,310
THEN HIS -- HIS REAL -- HIS
FERVOR FOR GETTING TO DO -- WORK

378

00:31:01,310 --> 00:31:04,600
WITH OUR INTERNATIONAL PROGRAMS
AND AS WELL AS TO GET TO KNOW

379

00:31:04,600 --> 00:31:07,620
THE DETAILS OF EFRLG THAT WE
WERE DOING HERE.

380

00:31:07,620 --> 00:31:11,240
MIKE, YOU DID AN ABSOLUTELY
SUPERB JOB, CONGRATULATIONS ON

381

00:31:11,240 --> 00:31:16,480

THIS INCREDIBLY WELL-DESERVED
AWARD.

382

00:31:16,480 --> 00:31:18,480
>> MR. FRENCH IS BEING
RECOGNIZED FOR RE -- RELENTLESS

383

00:31:18,480 --> 00:31:24,880
PURSUIT OF EXCELLENCE, AND
ADVANCEMENT OF OUR NATION'S

384

00:31:24,880 --> 00:31:37,230
ARROW NOTTICS AND SPACE
PROGRAMS.

385

00:31:37,230 --> 00:31:48,110
[APPLAUSE]

386

00:31:48,110 --> 00:31:51,940
>> THE NEXT HONOREE IS DR. PETER
A NATHO?

387

00:31:51,940 --> 00:31:56,970
>> WHAT IS PETER SDEFSHING OF
THIS DISTINGUISHED RECOGNITION?

388

00:31:56,970 --> 00:32:01,940
OVER A 40-PLUS YEAR CAREER, HE
HAS HAD DIRECT MISSION IMPACT IN

389

00:32:01,940 --> 00:32:05,940
THE FIELD OF MODELING FOR ALL OF
NASA'S HUMAN SPACE FLIGHT.

390

00:32:05,940 --> 00:32:11,230
THE SPACE SHUTTLE OR BITTER, AND
ACCESS TO SPACE PROGRAMS.

391

00:32:11,230 --> 00:32:16,540
AS WELL AS MARS PLANETARY

EXPLORATION VEHICLES.

392

00:32:16,540 --> 00:32:19,870

THIS IMPACT WAS ACHIEVED THROUGH
DEEP SUBJECT MATTER EXCELLENCE

393

00:32:19,870 --> 00:32:27,560

AS THE DESIGNER AND DEVELOPER OF
THE HIGH FIDELITY CODE WHICH SET

394

00:32:27,560 --> 00:32:31,300

THE BENCHMARK FOR ACCURACY AND
EFFICIENCY FOR THE PAST 30

395

00:32:31,300 --> 00:32:33,850

YEARS.
BUT HIS TRULY DISTINGUISHING

396

00:32:33,850 --> 00:32:38,040

FEATURE IS HIS GRACIOUS, HUMBLE,
AND INSPIRING NATURE.

397

00:32:38,040 --> 00:32:46,350

HE HAS INFLUENCED ACROSS THE
AGENCY AND IN ACADEMIA, BOTH

398

00:32:46,350 --> 00:32:49,631

NATIONALLY AND WITH
INTERNATIONAL NATO PARTNERS, FOR

399

00:32:49,631 --> 00:32:53,330

ALL OF THESE CONTRIBUTIONS HE IS
RECOGNIZED AS A TRULY

400

00:32:53,330 --> 00:32:55,779

DISTINGUISHED LEADER THROUGHOUT
NASA.

401

00:32:55,779 --> 00:32:59,020

>> THE DOCTOR IS BEING

RECOGNIZED FOR DISTINGUISHED

402

00:32:59,020 --> 00:33:03,260

IMPACT ON SUCCESS OF HUMAN SPACE
FLIGHT AND EXPLORATION IN THE

403

00:33:03,260 --> 00:33:25,320

AREA OF THERMO DYNAMICS.
[APPLAUSE]

404

00:33:25,320 --> 00:33:29,520

>> OUR NEXT HONOREE IS MISS
KELLY HEYHURST.

405

00:33:29,520 --> 00:33:33,560

>> WHY IS KELLY HEYHURST
DESERVING OF THIS RECOGNITION?

406

00:33:33,560 --> 00:33:37,390

FOR OVER 35 YEARS, KELLY HAS
DISTINGUISHED HERSELF AS AN

407

00:33:37,390 --> 00:33:40,940

OUTSTANDING LEADER AND TECHNICAL
AUTHORITY WHO HAS MADE SUSTAINED

408

00:33:40,940 --> 00:33:43,860

AND EXCEPTIONAL CONTRIBUTIONS TO
INCREASING THE SAFETY OF

409

00:33:43,860 --> 00:33:47,590

AVIATION SOFTWARE, CONTRIBUTIONS
THAT HAVE BEEN WIDELY

410

00:33:47,590 --> 00:33:53,450

RECOGNIZED.
HER SOFTWARE CERTIFICATION

411

00:33:53,450 --> 00:33:56,970

RESEARCH RESULTS HAVE HAD

FAR-REACHING IMPACT, INCLUDING

412

00:33:56,970 --> 00:34:01,160

SERVING AS CASE STUDY MATERIAL
USED BY THE FAA IN MANDATORY

413

00:34:01,160 --> 00:34:06,940

CO LEADERSHIP AS THE U.S.
CHAIRPERSON FOR THE FORMAL

414

00:34:06,940 --> 00:34:12,690

METHOD SUBGROUP RESULTED IN THE
FIRST-EVER GUIDANCE AVAILABLE

415

00:34:12,690 --> 00:34:15,950

FOR HOW TO USE FORMAL METHODS IN
COMPLIANCE WITH CIVIL AVIATION

416

00:34:15,950 --> 00:34:23,110

SOFTWARE STANDARDS ENINSURANCE.
AND HER WORK HAS RESULTED IN

417

00:34:23,110 --> 00:34:28,569

PROVISIONALLY PATENTED SAFETY
TECHNOLOGY.

418

00:34:28,569 --> 00:34:31,409

MISS HEYHURT'S CAREER
EXEMPLIFIES PROFESSIONALISM AND

419

00:34:31,409 --> 00:34:34,879

COMMITMENT TO EXCELLENCE, AND
HER CONTRIBUTIONS AS A NATIONAL

420

00:34:34,879 --> 00:34:37,859

AND INTERNATIONAL LEADER IN
SOFTWARE CERTIFICATION HAVE BEEN

421

00:34:37,859 --> 00:34:42,090

PROFOUND AND ENDURING.

>> MISS HEYHURST IS BEING

422

00:34:42,090 --> 00:34:45,780

RECOGNIZED FOR DISTINGUISHED
SERVICE, SUSTAINED EXCELLENCE,

423

00:34:45,780 --> 00:35:00,120

AND ADVANCE IN TO SAFETY
TECHNOLOGIES.

424

00:35:00,120 --> 00:35:11,460

[APPLAUSE]

425

00:35:11,460 --> 00:35:16,240

>> THE NEXT HONOREE IS
DR. MICHAEL HESSA.

426

00:35:16,240 --> 00:35:21,109

>> STEVE WORKED AS A SIGNS DATA
PROCESSING EXPERT THROUGHOUT HIS

427

00:35:21,109 --> 00:35:26,730

CAREER IN NASA.
HE BRIDGED THE GAP, AND CHANGED

428

00:35:26,730 --> 00:35:30,780

THE WAY WE ANALYZE SPACE-BASED
MEASUREMENTINGS BY DEVELOPING

429

00:35:30,780 --> 00:35:36,800

COMPUTER SOFTWARE FOR WIDESPREAD
USE.

430

00:35:36,800 --> 00:35:40,310

HE HAD A VISION OF EXPANDING THE
USE OF SATELLITE DATA BACK WHEN

431

00:35:40,310 --> 00:35:42,990

NASA'S DATA WERE ONLY AVAILABLE
TO PROJECT TEAMS.

432

00:35:42,990 --> 00:35:48,210

IN HIS EARLY PROCESSED
REMARKABLE MISSIONS, AND LATER

433

00:35:48,210 --> 00:35:53,050

LEAD THE IMPLEMENTATION OF THE
SIGNS-DATA PROCESSING TOOL KIT.

434

00:35:53,050 --> 00:35:56,810

THIS WAS THE FIRST SET OF TOOLS
WIDELY USED ACROSS

435

00:35:56,810 --> 00:36:00,100

EARTH-OBSERVING SYSTEMS.
STEVE DESERVES THISTION

436

00:36:00,100 --> 00:36:04,810

FOR HIS WORK SPEAR HEADING
CAPABILITIES THAT HAVE PLAYED A

437

00:36:04,810 --> 00:36:07,180

CRITICAL ROLE IN THE MOST
SUCCESSFUL EARTH AND SPACE

438

00:36:07,180 --> 00:36:11,600

SCIENCE PROGRAMS AT NASA.
STEVE, THANKS FOR YOUR

439

00:36:11,600 --> 00:36:15,590

DISTINGUISHED SERVICE.
>> SO THIS AWARD IS ACTUALLY FOR

440

00:36:15,590 --> 00:36:19,210

MR. STEVEN KEMPER WILL.
MR. KEMPLER IS BEING RECOGNIZED

441

00:36:19,210 --> 00:36:44,980

FOR HIS ADVANCEMENT IN DATA
SERVICES[APPLAUSE]

442

00:36:44,980 --> 00:36:49,950

>> THE HONOREE IS MS. CAROL
MOSHER.

443

00:36:49,950 --> 00:36:53,470

>> CAROL'S WITH NASA
EPITOMIZES THE WORD EXCEPTION.

444

00:36:53,470 --> 00:36:56,400

SHE HAS BEEN A LONG-STANDING
MEMBER OF THE THERMO ENGINEERING

445

00:36:56,400 --> 00:37:01,220

COURSE.
THIS COURSE HAS BEEN

446

00:37:01,220 --> 00:37:04,090

INSTRUMENTAL IN THE DEVELOPMENT
OF PAST AND PRESENT THERMAL AND

447

00:37:04,090 --> 00:37:07,410

SYSTEM ENGINEERINGS AND WILL BE
SERVING THERMAL ENGINEERS OF THE

448

00:37:07,410 --> 00:37:09,790

FUTURE.
CAROL HAS BEEN NOTHING LESS THAN

449

00:37:09,790 --> 00:37:13,480

REMARKABLE OUT THERE HER CAREER
IN SUPPORTING A NUMBER OF

450

00:37:13,480 --> 00:37:19,550

IMPORTANT VISIONS.
THE SCIENCE FROM TREMENDOUS KOBE

451

00:37:19,550 --> 00:37:22,330

MISSION IS ONE OF THE KEY
REASONS DR. JOHN MATHER RECEIVED

452

00:37:22,330 --> 00:37:29,610

A NOBEL PRIZE IN PHYSICS.
CAROL DEVELOPED ANALYTICAL

453

00:37:29,610 --> 00:37:35,080

METHODICAL STOP ANALYSIS, FOR
STRUCTURAL THERMAL AND OPTICAL

454

00:37:35,080 --> 00:37:38,600

SYSTEMS, A TOOL THAT IS STILL
WIDELY USED TODAY.

455

00:37:38,600 --> 00:37:41,840

DESPITE HER STATUS, CAROL
CONTINUES TO BE A HIGHLY

456

00:37:41,840 --> 00:37:44,990

DISTINGUISHED MEMBER OF THE
THERMAL ENGINEERING BRANCH, THE

457

00:37:44,990 --> 00:37:52,410

LEGACY SHE CONTINUES TO LEE
BEHIND MAKE THIS AN HONOR.

458

00:37:52,410 --> 00:37:58,500

>> SHE HAS ACHIEVED HIGH LEVELS
OF SUCCESS TOWARDS THE PAST,

459

00:37:58,500 --> 00:38:10,230

PRESENT, AND FUTURE NASA
MISSIONS.

460

00:38:10,230 --> 00:38:20,550

[APPLAUSE]

461

00:38:20,550 --> 00:38:24,520

>> OUR NEXT HONOREE IS
MR. RONALD MUELLER.

462

00:38:24,520 --> 00:38:28,040

>> THE DISTINGUISHED SERVICE
MEDAL IS AWARDED TO NASA

463

00:38:28,040 --> 00:38:31,140

EMPLOYEES FOR OUTSTANDING
CONTRIBUTIONS TO THE NASA

464

00:38:31,140 --> 00:38:35,300

MISSION.
RON MUELLER HAS OVER 25 YEARS OF

465

00:38:35,300 --> 00:38:38,800

OUTSTANDING CONTRIBUTIONS, HAS
ALWAYS PUT THE NASA MISSION

466

00:38:38,800 --> 00:38:42,280

ABOVE HIMSELF, AND HE HAS
PERSONALLY CARED ABOUT OUR

467

00:38:42,280 --> 00:38:48,190

EMPLOYEES EVERY DAY.
SO RON STARTED AT NASA IN 1991.

468

00:38:48,190 --> 00:38:51,370

HE WAS A FLUIDS AND MECHANICAL
SYSTEMS ENGINEER FOR THE SPACE

469

00:38:51,370 --> 00:38:54,240

SHUTTLE PROGRAM WHERE HE
PREPARED OVER 40 SPACE SHUTTLE

470

00:38:54,240 --> 00:38:57,700

MISSIONS FOR FLIGHT.
FROM THERE HE DID A DETAIL TO

471

00:38:57,700 --> 00:39:02,070

NASA HEADQUARTERS IN THE OFFICE
OF SPACE FLIGHT WHERE HE WAS ON

472

00:39:02,070 --> 00:39:04,890

THE GROUND FLOOR OF THE
EXPENDABLE LAUNCH VEHICLE

473

00:39:04,890 --> 00:39:07,800

PROGRAM CREATION.
WHEN RON CAME BACK HE WAS A

474

00:39:07,800 --> 00:39:11,690

MISSION MANAGER FOR THE LAUNCH
SERVICES PROGRAM, AND TODAY HE

475

00:39:11,690 --> 00:39:15,370

IS THE CHIEF OF THE FLUIDS AND
COME PULSE ENGINEERING BRANCH

476

00:39:15,370 --> 00:39:19,030

PREPARING COMMERCIAL OOL
MISSIONS WITH HIS TEAM FOR

477

00:39:19,030 --> 00:39:22,080

TAKING NASA PAYLOADS INTO OUTER
SPACE.

478

00:39:22,080 --> 00:39:25,070

HIS PASSION FOR NASA IS
INFECTIOUS.

479

00:39:25,070 --> 00:39:27,630

WHEN YOU ARE AROUND HIM, MORE
PEOPLE GET FIRED UP OR WANT TO

480

00:39:27,630 --> 00:39:31,430

DO GREAT THINGS.
AND HAVING BEEN A SUPERVISOR OF

481

00:39:31,430 --> 00:39:34,650

RONS, I HAVE HAD SOME EMPLOYEES
COME TO ME AND SAY THINGS LIKE

482

00:39:34,650 --> 00:39:40,060

BEST SUPERVISOR I HAVE EVER HAD.
SO WHEN YOU LOOK AT THIS MEDAL,

483

00:39:40,060 --> 00:39:44,360

YOU SAY RON MUELLER IS THE TYPE
OF PERSON THAT IS DESERVED OF

484

00:39:44,360 --> 00:39:49,660

THIS AWARD, AND I HAVE REALLY
BEEN HONORED TO WORK WITH HIM.

485

00:39:49,660 --> 00:39:51,800

>> MR. MUELLER IS BEING
RECOGNIZED FOR DISTINGUISHED

486

00:39:51,800 --> 00:39:55,270

SERVICE, ABILITY AND VISION,
LEADING TO A PROFOUND AND

487

00:39:55,270 --> 00:39:59,310

INDELIBLE IMPACT ON NASA'S SPACE
SHUTTLE, LAUNCH SERVICES AND

488

00:39:59,310 --> 00:40:14,599

COMMERCIAL CREW PROGRAMS.
[APPLAUSE]

489

00:40:14,599 --> 00:40:18,869

>> THE NEXT HONOREE IS DR. PAUL
NEWMAN.

490

00:40:18,869 --> 00:40:19,960

>> MAKE THE WORLD A BETTER
PLACE.

491

00:40:19,960 --> 00:40:23,030

WE'RE ALL SUPPOSED TO DO THAT.
PAUL NEWMAN IS A PERSON WHO'S

492

00:40:23,030 --> 00:40:25,430

WORK HAS ACTUALLY MADE THE WORLD
A BETTER PLACE.

493

00:40:25,430 --> 00:40:29,500

HE IS AN EXTRAORDINARY
SCIENTISTS WHO'S WORK HAS LEAD

494

00:40:29,500 --> 00:40:33,000

TO FUNDAMENTAL UNDERSTANDING OF
THE EARTH'S OZONE LAYER.

495

00:40:33,000 --> 00:40:39,550

HE IS A TINE IFFIC LEADER WHO
HAS WORKED AT THE INTERSECTION

496

00:40:39,550 --> 00:40:43,630

OF SCIENCE, ECONOMICS, LAW, AND
DIPLOMACY, STRENGTHENING THE

497

00:40:43,630 --> 00:40:49,290

MONTREAL PROTOCOL TREATY.
THE SCIENTIFIC ASSESSMENTS

498

00:40:49,290 --> 00:40:57,290

CO-CHAIRER BY PAUL, HYDRO FLOW
ROW CARBONS, DO NOT DEplete

499

00:40:57,290 --> 00:41:00,770

OZONE, BUT THEY ARE IMPORTANT
GREENHOUSE GASES.

500

00:41:00,770 --> 00:41:03,530

INFORMED BY THIS SCIENCE, THE
INTERNATIONAL COMMUNITY HAS

501

00:41:03,530 --> 00:41:09,340

ACTED AS SIGNED THE 2016
AMENDMENTS TO THE PROTOCOL,

502

00:41:09,340 --> 00:41:14,540

PHASING DOWN HCSC EMISSIONS.
PAUL'S SCIENTIFIC LEADERSHIP HAS

503

00:41:14,540 --> 00:41:18,309

HELPED THE WORLD AVOID
ADDITIONAL GREENHOUSE WARMING.

504

00:41:18,309 --> 00:41:24,050

>> DR. KNEW ANNMAN IS BEING
RECOGNIZED FOR US IS CONTAINED

505

00:41:24,050 --> 00:41:28,130

LEADERSHIP, STRENGTHENING THE
MONTREAL PROTOCOL, RESULTING IN

506

00:41:28,130 --> 00:41:40,040

THE AMENDMENT CONTROLLING
HYDROFLOW ROW CARBON EMISSIONS.

507

00:41:40,040 --> 00:41:47,860

[APPLAUSE]

508

00:41:47,860 --> 00:41:52,830

>> OUR NEXT HONOREE IS MR. DAVID
RAZNOWSKI.

509

00:41:52,830 --> 00:41:58,510

>> DAVID IS JUST AWESOME FROM
THE FITNESS CENTER IN THE

510

00:41:58,510 --> 00:42:02,970

MORNING WHERE HE LEAD US NO
MATTER WHAT WE WERE DOING, TO

511

00:42:02,970 --> 00:42:06,020

SERVING FOR A WHILE AS MY CHIEF
OF STAFF, AND THEN FINISHING OFF

512

00:42:06,020 --> 00:42:08,860
HIS TIME HERE AS OUR CHIEF
FINANCIAL OFFICER.

513
00:42:08,860 --> 00:42:13,740
HE WAS A DIFFERENCE MAKER, A
GAME BREAKER, A DEAL MAKER, IN

514
00:42:13,740 --> 00:42:16,840
GETTING US TO COORDINATION WITH
THE OFFICE OF SIGNS AND

515
00:42:16,840 --> 00:42:21,390
TECHNOLOGY POLICY WITH OMB IN
PARTICULAR, AND WITH THE HILL.

516
00:42:21,390 --> 00:42:25,430
DAVID DID AN ABSOLUTELY
EXTRAORDINARY JOB IN -- IN

517
00:42:25,430 --> 00:42:30,020
HELPING NASA TO GET FUNDED
ADEQUATELY AND TO KEEP US AS

518
00:42:30,020 --> 00:42:32,700
STRONG AS WE WERE, SO DAVE,
THANKS VERY MUCH FOR ALL THAT

519
00:42:32,700 --> 00:42:37,980
YOU DID FOR ALL OF US.
>> DAVE IS BEING RECOGNIZED FOR

520
00:42:37,980 --> 00:42:40,520
EXTROERD NAFR CAREER
CONTRIBUTIONS, DISTINGUISHED

521
00:42:40,520 --> 00:42:43,250
SERVICE AND OUTSTANDING
LEADERSHIP IN SUPPORT OF OUR

522

00:42:43,250 --> 00:42:54,040
NATION'S ARROW NOTTICS AND SPACE
PROGRAMS.

523
00:42:54,040 --> 00:43:02,730
[APPLAUSE]

524
00:43:02,730 --> 00:43:05,990
>> THE NEXT HONOREE IS
MR. PATTIC TROUTMAN.

525
00:43:05,990 --> 00:43:08,790
>> IT IS MY PLEASURE TO SPEAK TO
WHERE PAT TROUTMAN IS SO

526
00:43:08,790 --> 00:43:13,260
DESERVING OF THIS RECOGNITION.
SINCE 1984 WHEN PAT AND I

527
00:43:13,260 --> 00:43:19,411
STARTED WORKING TOGETHER, HE HAS
GIVEN SELF LISHLY TO SHAPE THE

528
00:43:19,411 --> 00:43:24,250
FUTURE.
SINCE THE EARLY DAYS OF WORKING

529
00:43:24,250 --> 00:43:29,800
SPACE STATION, HE HAS BEEN A
VISIONARY LEADER ON EVERY STUDY,

530
00:43:29,800 --> 00:43:33,520
INCLUDING THE MOST RECENT MARS
CAMPAIGN.

531
00:43:33,520 --> 00:43:37,790
PAT'S LEADERSHIP AND INTEGRATION
ABILITIES COMBINE COMPLEX

532
00:43:37,790 --> 00:43:42,980

TECHNICAL ISSUES WHILE BALANCING
STAKEHOLDER GUIDANCE, MISSION

533

00:43:42,980 --> 00:43:46,890

GOALS, PERFORMANCE CONSTRAINS
AND POLICIES.

534

00:43:46,890 --> 00:43:51,650

QUITE CLEARLY PAT HAS EARNED A
REPUTATION IN THE AGENCY AS THE

535

00:43:51,650 --> 00:43:54,580

GO-TO GUY.
IF THERE'S A SHIFT IN DIRECTION,

536

00:43:54,580 --> 00:43:57,470

YOU HAVE WANT PAT TO BE PART OF
YOUR TEAM.

537

00:43:57,470 --> 00:44:00,900

HE PROVIDES THE VISION, AND
CREATIVE THINKING TO DEVELOP AN

538

00:44:00,900 --> 00:44:04,440

ARCHITECTURE WHEN THERE ARE
COMPETING PRIORITIES AND

539

00:44:04,440 --> 00:44:07,800

COMPLEXITIES.
HE HAS GOT THAT CAN-DO ATTITUDE

540

00:44:07,800 --> 00:44:11,450

THAT MAKES EVERYONE AROUND HIM
WANT TO DO THEIR BEST, AND HE

541

00:44:11,450 --> 00:44:14,080

SEES THE BEST IN EVERYONE AROUND
HIM.

542

00:44:14,080 --> 00:44:17,190

PAT, YOU ARE AMAZING.
CONGRATULATIONS.

543

00:44:17,190 --> 00:44:20,900
YOU DESERVE THIS AWARD.
[APPLAUSE]

544

00:44:20,900 --> 00:44:23,390
>> MR. TROUTMAN IS BEING
RECOGNIZED FOR DISTINGUISHED

545

00:44:23,390 --> 00:44:27,280
SERVICE IN THE ADVANCEMENT OF
NASA'S HUMAN EXPLORATION

546

00:44:27,280 --> 00:44:46,109
ARCHITECTURE.
[CHEERS AND APPLAUSE]

547

00:44:46,109 --> 00:44:50,089
>> OUR NEXT HONOREE IS MISS
THERESA WASHINGTON.

548

00:44:50,089 --> 00:44:53,190
>> ON BEHALF OF MARSHALL SPACE
FLIGHT CENTER AND TODD MAY, THE

549

00:44:53,190 --> 00:44:55,780
CENTER DIRECTOR, WE WOULD LIKE
TO CONGRATULATE YOU ON YOUR

550

00:44:55,780 --> 00:44:59,810
DISTINGUISHED SERVICE MEDAL.
IT IS A MEDAL THAT IS WELL

551

00:44:59,810 --> 00:45:01,690
DESERVED.
THERESA YOU HAVE DONE WONDERFUL

552

00:45:01,690 --> 00:45:07,470

THINGS FROM YOUR EARLY CAREER AS
A LAWYER, TO HOW YOU FINISHED

553

00:45:07,470 --> 00:45:10,110

YOUR CAREER IN THE OFFICE OF
HUMAN CAPITAL.

554

00:45:10,110 --> 00:45:13,520

YOU HAVE ALSO MADE AN INVESTMENT
IN THE FOLKS AT MARSHALL SPACE

555

00:45:13,520 --> 00:45:21,440

FLIGHT CENTER, HELPING US BE A
BETTER TEAM, FOCUS ON DIVERSITY

556

00:45:21,440 --> 00:45:24,470

AND INCLUSION, AND ALSO PAYING
IT FORWARD TO THE NEXT

557

00:45:24,470 --> 00:45:29,730

GENERATION.
YOU ARE GOING FORWARD NOW TO

558

00:45:29,730 --> 00:45:32,430

HELPING YOUNG WOMEN.
SO WE REALLY APPRECIATE ALL YOU

559

00:45:32,430 --> 00:45:34,560

HAVE DONE.
THANK YOU, AND THIS IS A

560

00:45:34,560 --> 00:45:38,640

WELL-DESERVED HONOR.
>> MISS WASHINGTON IS BEING

561

00:45:38,640 --> 00:45:42,540

RECOGNIZED FOR 34 YEARS OF
DISTINGUISHED SERVICE TO NASA

562

00:45:42,540 --> 00:45:50,230

THAT HAS MADE A PROFOUND IMPACT
ON NASA'S MISSION SUCCESS.

563

00:45:50,230 --> 00:46:05,109
[CHEERS AND APPLAUSE]

564

00:46:05,109 --> 00:46:10,400
>> THE NEXT HONOREE IS MR. DAVID
WEAVER.

565

00:46:10,400 --> 00:46:15,220
>> HELLO DAVID WEAVER.
DAVID SORT OF CAME OVER AND

566

00:46:15,220 --> 00:46:19,880
TAUGHT ME A LOT ABOUT HOW -- HOW
DO YOU COMMUNICATE NASA'S STORY?

567

00:46:19,880 --> 00:46:24,510
HOW DO YOU TELL NASA'S STORY?
I TASKED DAVID AS THE HEAD OF

568

00:46:24,510 --> 00:46:28,650
THE COMMUNICATIONS SHOP WITH
TRYING TO BRING US TOGETHER AS

569

00:46:28,650 --> 00:46:32,980
AN AGENCY, TRYING TO COORDINATE
WHAT WAS GOING ON AMONG THE NINE

570

00:46:32,980 --> 00:46:36,450
DISPARATE NASA CENTERS PLUS
GAPL, AND THEN ALL OF OUR

571

00:46:36,450 --> 00:46:40,420
INDUSTRY PARTNERS, AND HE WAS A
CHAMPION.

572

00:46:40,420 --> 00:46:44,490
HE LAID OUT A STRATEGIC PLAN.

HE GOT US ALL FOCUSED ON A

573

00:46:44,490 --> 00:46:48,780

SINGULAR MESSAGE THAT ENABLED US
TO TELL OUR STORY TIME AFTER

574

00:46:48,780 --> 00:46:52,770

TIME AFTER TIME AFTER TIME.
AND WE JUST REVOLUTIONIZED THE

575

00:46:52,770 --> 00:46:58,390

WAY THAT NASA HANDLES ITS
COMMUNICATION, SO DAVID, AS THE

576

00:46:58,390 --> 00:47:03,040

AGENCY'S BEST-EVER STORY TELLER
AND COORDINATION OF

577

00:47:03,040 --> 00:47:04,290

COMMUNICATIONS, THANKS SO VERY
MUCH.

578

00:47:04,290 --> 00:47:08,560

THIS IS VERY RICHLY DESERVED.
>> MR. WEAVER IS BEING

579

00:47:08,560 --> 00:47:14,480

RECOGNIZED FOR EXTORT LAARY
DISTINGUISHED SERVICE, LEADING

580

00:47:14,480 --> 00:47:23,210

COMMUNICATIONS ACROSS THE
AGENCY, GOVERNMENT AND INDUSTRY.

581

00:47:23,210 --> 00:47:40,770

[CHEERS AND APPLAUSE]

582

00:47:40,770 --> 00:47:43,960

>> OUR NEXT HONOREE IS
MR. RICHARD WILLIAMS.

583

00:47:43,960 --> 00:47:46,700

>> DR. RICH WILLIAMS HAS BEEN
THE CHIEF HEALTH AND MEDICAL

584

00:47:46,700 --> 00:47:50,000

OFFICER OF THE AGENCY FOR OVER
15 YEARS.

585

00:47:50,000 --> 00:47:52,720

THE POLICIES THAT ARE IN PLACE
RIGHT NOW, THE GENETICS POLICY,

586

00:47:52,720 --> 00:47:56,970

ETHICS POLICY, QUALITY POLICY,
ALL ARE DUE TO RICH WILLIAMS,

587

00:47:56,970 --> 00:48:01,030

AND THOSE ARE LONG LEAD TIME
POLICIES THAT LAY THE

588

00:48:01,030 --> 00:48:05,310

FOUNDATIONS FOR THE HEALTHCARE
NETWORK THAT WE WILL HAVE FOR

589

00:48:05,310 --> 00:48:08,590

EXPLORATION MISSIONS, AND THEY
ARE IMPERATIVE FOR THOSE

590

00:48:08,590 --> 00:48:12,260

MISSIONS, AND IT JUST SHOWS YOU
THAT RICH REALLY THINKS LONG

591

00:48:12,260 --> 00:48:18,400

TERM, AND -- AND HAS THE
AGENCY'S INTEREST AT HEART.

592

00:48:18,400 --> 00:48:23,390

SO I'M HONORED TO FOLLOW RICH
AND CONGRATULATE HIM ON -- ON

593

00:48:23,390 --> 00:48:26,900

THIS AWARD, AND THE REALLY BIG
SHOES TO FILL.

594

00:48:26,900 --> 00:48:30,119

CONGRATS RICH.
>> MR. WILLIAMS IS BEING

595

00:48:30,119 --> 00:48:33,120

RECOGNIZED FOR DISTINGUISHED
SUSTAINED LEADERSHIP OF NASA'S

596

00:48:33,120 --> 00:48:36,270

HEALTHCARE SYSTEM, BLUSHMENT OF
HEALTH AND MEDICAL TECHNICAL

597

00:48:36,270 --> 00:48:43,810

AUTHORITY, AND ENHANCEMENT OF
ASTRONAUT HEALTHCARE.

598

00:48:43,810 --> 00:48:58,380

[CHEERS AND APPLAUSE]

599

00:48:58,380 --> 00:49:02,150

>> THE NEXT HONOREE IS
DR. MICHAEL HESSA.

600

00:49:02,150 --> 00:49:05,500

>> MICHAEL HESSA CONTRIBUTION TO
THE FIELD IS BROOD.

601

00:49:05,500 --> 00:49:12,980

BUT IT HAS HAD AN SPECIFIC
IMPACT.

602

00:49:12,980 --> 00:49:19,440

HIS LEADERSHIP HAS PROPULLED US
TO BE WORLD LEADERS.

603

00:49:19,440 --> 00:49:25,520

BEYOND HIS EXTRAORDINARY
LEADERSHIP HE IS TO BE COMMENDED

604

00:49:25,520 --> 00:49:31,710

FOR A MULL TIP TUESDAY OF
SUCCESSSES, BUT HIS THEORETICAL

605

00:49:31,710 --> 00:49:36,950

BASIS DESIGNED ONE OF OUR
LARGEST MISSIONS, MMS.

606

00:49:36,950 --> 00:49:40,040

THIS IS ONE EXAMPLE OF HIS
WIDE-SPREAD IMPACT WHICH

607

00:49:40,040 --> 00:49:42,590

ILLUSTRATES HOW WELL HE ENABLES
WORLD CLASS SCIENCE IN OUR

608

00:49:42,590 --> 00:49:47,650

FIELD, AND HIS ABILITY TO
MAINTAIN HIS ROLE AS A PROLIFIC

609

00:49:47,650 --> 00:49:54,330

RESEARCHERS.
ALTHOUGH HE HAS MOVED ON, HIS

610

00:49:54,330 --> 00:49:59,130

IMPACT WILL BE FELT FOR YEARS TO
COME, IN HIS WORDS, FULL SPEED

611

00:49:59,130 --> 00:50:01,390

AHEAD.
>> DOCTOR IS BEING RECOGNIZED

612

00:50:01,390 --> 00:50:16,650

FOR EXEMPLARY SERVICE TO NASA,
LEADING THIS SCIENCE DIVISION.

613

00:50:16,650 --> 00:50:26,730

[APPLAUSE]

614

00:50:26,730 --> 00:50:28,760

>> OUR NEXT AND FINAL
PRESENTATION IS THE

615

00:50:28,760 --> 00:50:30,870

DISTINGUISHED PUBLIC SERVICE
MEDAL.

616

00:50:30,870 --> 00:50:33,650

THE DISTINGUISHED PUBLIC SERVICE
MEDAL IS NASA'S HIGHEST FORM OF

617

00:50:33,650 --> 00:50:38,180

RECOGNITION AWARDED TO ANY NONE
GOVERNMENT INDIVIDUAL OR AN

618

00:50:38,180 --> 00:50:40,420

INDIVIDUAL WHO IS NOT A
GOVERNMENT EMPLOYEE DURING THE

619

00:50:40,420 --> 00:50:43,940

PERIOD IN WHICH THE SERVICE WAS
PERFORMED, WHO'S DISTINGUISHED

620

00:50:43,940 --> 00:50:47,240

SERVICE, ABILITY OR VISION HAS
PERSONALLY CONTRIBUTED TO NASA'S

621

00:50:47,240 --> 00:50:49,970

ADVANCEMENT OF UNITED STATES
INTERESTS.

622

00:50:49,970 --> 00:50:52,720

THE INDIVIDUAL'S ACHIEVEMENT
MUST DEMONSTRATE A LEVEL OFFEL

623

00:50:52,720 --> 00:50:56,380
SESSION LENS THAT HAS MADE A
PROFOUND IMPACT TO NASA'S

624
00:50:56,380 --> 00:51:02,410
MISSION SUCCESS, AND THEREFORE,
OTHER FORMS OF RECOGNITION BY

625
00:51:02,410 --> 00:51:07,810
NASA WOULD BE INADEQUATE.
OUR FIRST HONOREE IS MR. TERRY

626
00:51:07,810 --> 00:51:10,680
ABLE.
>> TERRY ABLE DESERVES THIS

627
00:51:10,680 --> 00:51:16,400
AWARD BECAUSE HE WAS, HE IS, AND
HE ALWAYS WILL BE DEDICATED TO

628
00:51:16,400 --> 00:51:19,350
THE CONCERNS OF YOUNG
PROFESSIONALS.

629
00:51:19,350 --> 00:51:22,940
TERRY IS PASSIONATE ABOUT
SHARING WITH STUDENTS THE MANY

630
00:51:22,940 --> 00:51:25,440
OPPORTUNITIES THAT ARE GOING TO
BE OPEN TO THEM ONCE THEY

631
00:51:25,440 --> 00:51:27,400
GRADUATE.
THROUGH TERRY'S PERSUASION,

632
00:51:27,400 --> 00:51:31,250
LOCKHEED MARTIN BECAME THE
LEADING SPONSOR OF THE ROVER

633

00:51:31,250 --> 00:51:36,500
CHALLENGE, AND LOCKHEED IS ALSO
THE SOUL SUPPORTER OF MARSHALL'S

634
00:51:36,500 --> 00:51:39,670
INTERNSHIP PROGRAM.
HIS LEADERSHIP IN THE NATIONAL

635
00:51:39,670 --> 00:51:43,520
SPACE CLUB LEAD THAT
ORGANIZATION TO MAKE HIM THE

636
00:51:43,520 --> 00:51:46,520
LEADER OF THEIR OUTREACH
PROGRAM.

637
00:51:46,520 --> 00:51:50,930
TERRY ABLE KNOWS HOW TO CONNECT
WITH STUDENTS, CALL IT EMPATHY,

638
00:51:50,930 --> 00:51:53,830
CARING, COMPASSION, HE HAS THEM
ALL IN HIS SOUL.

639
00:51:53,830 --> 00:51:57,119
THE CORNERSTONE OF TERRY'S
ENGAGEMENT WITH STUDENTS HIS

640
00:51:57,119 --> 00:51:59,850
HEART.
TERRY BELIEVES THAT THE LORD HAS

641
00:51:59,850 --> 00:52:02,520
BLESSED HIM WITH THESE
OPPORTUNITIES TO WORK WITH

642
00:52:02,520 --> 00:52:06,130
STUDENTS.
>> MR. ABLE, IS BEING RECOGNIZED

643

00:52:06,130 --> 00:52:09,550
FOR EXCEPTIONAL DEDICATION TO
THE EDUCATION OF YOUNG

644
00:52:09,550 --> 00:52:12,750
PROFESSIONALS BY SPONSORING,
ORGANIZING, AND PARTICIPATING IN

645
00:52:12,750 --> 00:52:20,490
ACTIVITIES RELATED TO SPACE
EXPLORATION.

646
00:52:20,490 --> 00:52:37,930
[CHEERS AND APPLAUSE]

647
00:52:37,930 --> 00:52:41,480
>> THE NEXT HONOREE IS MR. FRANK
BOWER.

648
00:52:41,480 --> 00:52:43,880
>> I'M THRILLED FRANK BOWER IS
RECEIVING THIS AWARD.

649
00:52:43,880 --> 00:52:51,770
FRANK CAREER GOES BACK TO WHEN
WE WAS THE CHIEF OF THE GNC

650
00:52:51,770 --> 00:52:58,130
DIVISION AT GODARD, AND THEN HE
WENT TO NASA HEADQUARTERS.

651
00:52:58,130 --> 00:53:01,640
HE RETIRED FROM THE AGENCY IN
2011, AND IT'S REALLY HIS

652
00:53:01,640 --> 00:53:04,650
CONTINUED CONTRIBUTIONS AFTER
HIS RETIREMENT FOR WHICH THIS

653
00:53:04,650 --> 00:53:08,050

AWARD IS BASED.
FRANK IS AN EXPERT IN GPS.

654
00:53:08,050 --> 00:53:12,369
HE SUPPORTS NASA HEADQUARTERS.
THE TRAVELS WITH THE U.S. US

655
00:53:12,369 --> 00:53:17,869
TEAM, REP SENDING THE NATION AT
GPS POLICY MEETINGS AT THE U.N.

656
00:53:17,869 --> 00:53:21,040
HE IS BOTH A TECHNICAL EXPERT
AND POLICY EXPERT, AND

657
00:53:21,040 --> 00:53:23,859
SPECIFICALLY IN THE LAST FEW
YEARS, HE HAS BEEN A VISIONARY

658
00:53:23,859 --> 00:53:29,320
FOR THE SPACE SERVICE VOLUME,
ALLOWING GPS SATELLITES TO KNOW

659
00:53:29,320 --> 00:53:34,230
WHERE OUR SATELLITES ARE.
>> MR. BOWER IS BEING RECOGNIZED

660
00:53:34,230 --> 00:53:39,050
FOR DISTINGUISHED SERVICE FOR
THE GLOBAL POSITIONING SYSTEM

661
00:53:39,050 --> 00:53:49,849
FOR SATELLITES BY NASA AND THE
UNITED STATES.

662
00:53:49,849 --> 00:53:58,780
[APPLAUSE]

663
00:53:58,780 --> 00:54:02,970
>> OUR NEXT HONOREE IS DR. ERIC

DEE YOUNG.

664

00:54:02,970 --> 00:54:05,790

>> THE EVOLUTION OF THE
VIALIZATION TOOLS HAS GREATLY

665

00:54:05,790 --> 00:54:09,170

IMPACTED THE WAY WE DO
SCIENTIFIC INVESTIGATIONS ON

666

00:54:09,170 --> 00:54:16,930

PLANETARY BODIES, AND ONE OF THE
PIONEERS HAS BEEN ERIC DEYOUNG.

667

00:54:16,930 --> 00:54:20,850

HE HAS CHAMPIONED THE IDEA OF A
PERSISTENT VIRTUAL PRESENCE IN

668

00:54:20,850 --> 00:54:24,369

SPACE.
THIS ALLOWS US TO VIRTUALLY LOOK

669

00:54:24,369 --> 00:54:26,790

AT WHERE WE ARE, AND WHAT WE'RE
LEAKING AT FROM INDIVIDUAL

670

00:54:26,790 --> 00:54:31,500

MISSIONS BY USE OF VISUAL
TECHNOLOGY.

671

00:54:31,500 --> 00:54:36,050

HE IS CHAMPIONED IN THE PROPOSAL
FACE, MISSION PHASE, AND

672

00:54:36,050 --> 00:54:42,520

OPERATIONAL PHASE, SHOWING THE
PUBLIC AND SCIENCE COMMUNITY AT

673

00:54:42,520 --> 00:54:45,540

LARGE WHAT THE MISSION IS

ACTUALLY LOOKING AT, IN A UNIQUE

674

00:54:45,540 --> 00:54:49,150

WAY TO MAKE US FEEL LIKE WE'RE
THERE.

675

00:54:49,150 --> 00:54:52,800

HIS ABILITY TO TAKE A SINGLE
CAMERA AND TURN THOSE IMAGES

676

00:54:52,800 --> 00:54:56,640

INTO STEREO 3-D IS
SCIENTIFICALLY AND VISUALLY

677

00:54:56,640 --> 00:55:00,280

POWERFUL AS WELL.
I KNOW ERIC DID NOT GET INTO

678

00:55:00,280 --> 00:55:02,320

THIS BUSINESS FOR THE AWARDS.
HE GOT INTO THIS BUSINESS

679

00:55:02,320 --> 00:55:07,660

BECAUSE HAS A PASSION FOR THE
SPACE EXPLORATION.

680

00:55:07,660 --> 00:55:10,730

WE DO CONGRATULATE HIM ON
RECEIVING THIS AWARD, AND ARE

681

00:55:10,730 --> 00:55:16,059

VERY PROUD OF HIS WORK IN THE
LAST 25 YEARS.

682

00:55:16,059 --> 00:55:20,050

>> HE IS BEING RECOGNIZED FOR
UNPARALLELED CONTRIBUTIONS FOR

683

00:55:20,050 --> 00:55:28,310

THE PUBLIC EXPLORATION OF THE

COSMOS THROUGH EXTRORDANAIRE

684

00:55:28,310 --> 00:55:41,160

VISUALLY EXPERIENCES.

[APPLAUSE]

685

00:55:41,160 --> 00:55:44,500

>> OUR NEXT HONOREE IS BEING
RECOGNIZED POSTHUMOUSLY.

686

00:55:44,500 --> 00:55:49,010

MR. EDWARD DIVINE.

>> ED DIVINE WAS ONE OF THE

687

00:55:49,010 --> 00:55:53,210

FOUNDING FATHERS OF MECHANISM
AND DEVICE RECK KNOWLEDGE AT

688

00:55:53,210 --> 00:55:56,640

NASA GODARD.

WHEN I STARTED WORK IN THE

689

00:55:56,640 --> 00:56:01,450

BRANCH, ED HAD ALREADY RETIRED
FROM THE GOVERNMENT AND STARTED

690

00:56:01,450 --> 00:56:04,400

WORKING IN THE PRIVATE SECTOR.
HOWEVER, ED'S INFLUENCE NEVER

691

00:56:04,400 --> 00:56:09,960

LEFT.

HE SUPPORTED NUMEROUS GODARD

692

00:56:09,960 --> 00:56:12,450

PROJECTS.

ED SET A STANDARD OF EXCELLENCE

693

00:56:12,450 --> 00:56:14,540

FOR HIMSELF AND ALL OF HIS

COLLEAGUES.

694

00:56:14,540 --> 00:56:26,740

HE HAD THE ABILITY TO QUICKLY
EVALUATE A MECHANICISM.

695

00:56:26,740 --> 00:56:29,840

ONE OF ED'S TOP PRIORITIES WAS
THE CONTINUATION OF EXCELLENCE

696

00:56:29,840 --> 00:56:33,040

IN ENGINEERING.
THE BOTTOM LINE WAS THAT ED WAS

697

00:56:33,040 --> 00:56:38,410

THE GO-TO GUY TO GET ADVICE ON A
PROBLEM OR IDEA FOR A SOLUTION.

698

00:56:38,410 --> 00:56:43,760

HE WAS A TREASURE TO THE FAMILY
AT GODARD TO NASA, AND THE

699

00:56:43,760 --> 00:56:47,180

NATION.
>> MISS DIANA DEVINE WILL BE

700

00:56:47,180 --> 00:56:50,900

ACCEPTING THIS HONOR TODAY ON
BEHALF OF HER LATE FATHER.

701

00:56:50,900 --> 00:56:55,500

MR. DEVINE IS BEING RECOGNIZED
FOR THE DEVELOPMENT OF

702

00:56:55,500 --> 00:57:05,540

MECHANICAL SYSTEMS AND THE
EDUCATION OF YOUNG ENGINEERS.

703

00:57:05,540 --> 00:57:12,420

[APPLAUSE]

704

00:57:12,420 --> 00:57:15,540

>>> OUR NEXT HONOREE IS DR. ALAN
HARDEN.

705

00:57:15,540 --> 00:57:21,490

>> I'M DELIGHTED TO BE A PART OF
THIS PRESENTATION FOR DR. ALAN

706

00:57:21,490 --> 00:57:24,640

HARGANSZ.
HE HAS WRITTEN OVER EIGHT BOOKS,

707

00:57:24,640 --> 00:57:31,300

300 PEER-REVIEW ARTICLES, OVER
56 BOOK CHAPTERS, AND HAS EIGHT

708

00:57:31,300 --> 00:57:36,370

PATENTS, BUT THAT TRULY DOES NOT
REALLY DESCRIBE THE -- THE

709

00:57:36,370 --> 00:57:40,220

MAGNITUDE OF -- OF HIS WORK WITH
NASA OVER THE PAST 30 YEARS.

710

00:57:40,220 --> 00:57:43,380

HIS WORK IN CARDIOVASCULAR
DECONDITIONING, AND COUNTER

711

00:57:43,380 --> 00:57:47,900

EXERCISE MEASURES HAVE HELPED TO
PAVE THE PATH TOWARDS LONG SPACE

712

00:57:47,900 --> 00:57:53,400

FLIGHT.
HE IS NOT ONLY A WORLD CLASS

713

00:57:53,400 --> 00:58:00,099

SCIENTIST, A NASA RESEARCH, A
PROFESSOR OF ORTHOPEDICS, BUT

714

00:58:00,099 --> 00:58:04,070

ALSO A TREMENDOUS MENTOR, AND I
AM PRIVILEGED TO SAY FRIEND.

715

00:58:04,070 --> 00:58:07,760

IT IS AN ABSOLUTE PRIVILEGE TO
BE A PART OF THIS PRESENTATION

716

00:58:07,760 --> 00:58:10,980

OF THIS AWARD.

I KNOW THAT THERE ARE SO MANY

717

00:58:10,980 --> 00:58:14,340

OTHERS AROUND THE COUNTRY AND
AROUND THE WORLD THAT ARE

718

00:58:14,340 --> 00:58:17,220

APPLAUDING TODAY AS WELL.

SO CONGRATULATIONS DOCTOR.

719

00:58:17,220 --> 00:58:20,720

>> THE DOCTOR IS BEING

RECOGNIZED FOR OUTSTANDING

720

00:58:20,720 --> 00:58:23,609

SCIENCE TIFIFIC CONTRIBUTIONS TO
NASA, TO EXPAND THE

721

00:58:23,609 --> 00:58:27,910

UNDERSTANDING OF CARDIOVASCULAR
AND MUSCULOSKELETAL IMPACTS

722

00:58:27,910 --> 00:58:58,320

DURING SPACE FLIGHT.

[APPLAUSE]

723

00:58:58,320 --> 00:59:01,530

>> THE NEXT HONOREE IS

MR. [INAUDIBLE].

724

00:59:01,530 --> 00:59:04,480

>> [INAUDIBLE] WAS NOMINATED
TO THIS DISTINGUISHED AWARD FWOR

725

00:59:04,480 --> 00:59:07,500

HIS YEARS OF DEDICATION AND
EXPERTISE IN STRUCTURAL

726

00:59:07,500 --> 00:59:10,680

ENGINEERING, AND HAS PLAYED AN
IMPORTANT ROLE IN THE SUCCESS OF

727

00:59:10,680 --> 00:59:14,840

THE NAIGS SPACE STATION.
THE LEAD THE MECHANISM THAT HAS

728

00:59:14,840 --> 00:59:19,140

BEEN USED OVER 60 TIMES, HE
DEVELOPED A SOFTWARE PROGRAM

729

00:59:19,140 --> 00:59:21,281

THAT IS USED TO ANALYZE THE
STRUCTURAL HEALTH OF THE ISS.

730

00:59:21,281 --> 00:59:26,580

I RELIED HEAVILY ON HIS
EXPERTISE WHEN I LEAD THE

731

00:59:26,580 --> 00:59:31,340

RECOVERY OF THE [INAUDIBLE].
THE SURFACE HAD BEEN COMPROMISED

732

00:59:31,340 --> 00:59:35,440

AND THERE WAS FEAR OF
[INAUDIBLE] HIS DETAILED

733

00:59:35,440 --> 00:59:39,080

ANALYSIS ELIMINATED OUR FEARS.
HE IS THE ONE NAME KNOWN

734

00:59:39,080 --> 00:59:45,920

THROUGHOUT THE ISS COMMUNITY FOR
STRUCTURAL ENGINEERING.

735

00:59:45,920 --> 00:59:48,700

FOR ALL OF THIS, PLUS MORE, HE
IS WELL DESERVING FOR THIS

736

00:59:48,700 --> 00:59:54,400

DISTINCTIVE HONOR.

>> MR. [INAUDIBLE] IS BEING

737

00:59:54,400 --> 00:59:57,070

RECOGNIZED FOR DISTINGUISHED
SERVICE AND LEADERSHIP IN

738

00:59:57,070 --> 01:00:01,670

INTERNATIONAL COOPERATION AND
ADVANCEMENTS IN SPACE STRUCTURE

739

01:00:01,670 --> 01:00:26,720

INTEGRITY AND FRACTURE CONTROL.
[APPLAUSE]

740

01:00:26,720 --> 01:00:29,900

>> OUR NEXT HONOREE IS
MR. EDWARD NACE.

741

01:00:29,900 --> 01:00:37,240

>> ED IS SDEFSHING OF THIS
AWARD.

742

01:00:37,240 --> 01:00:47,080

HE STARTED HIS CAREER IN AT
GODARD, AND HE BEGAN WITH THE

743

01:00:47,080 --> 01:00:55,970

DYNAMICS EXPLORER, AND TO THE
PRESENT TODAY, ACE AND WIND.

744

01:00:55,970 --> 01:01:02,330

HE INTRODUCED AUTONOMOUS SYSTEM
INTO GROUND SYSTEM DEVELOP AND

745

01:01:02,330 --> 01:01:05,280

OPERATIONS HERE AT GODARD,
RESULTING NOT ONLY IN REDUCTION

746

01:01:05,280 --> 01:01:09,530

IN COST, BUT INCREASING THE
NUMBER OF MISSIONS.

747

01:01:09,530 --> 01:01:14,820

I JUST WANT TO CLOSE BY WISHING
ED CONGRATULATIONS ON THIS

748

01:01:14,820 --> 01:01:19,410

WELL-DESERVED AWARD.

>> MR. NACE IS BEING RECOGNIZED

749

01:01:19,410 --> 01:01:22,760

FOR SIGNIFICANT AND LASTING
CONTRIBUTIONS TO MISSION

750

01:01:22,760 --> 01:01:25,800

OPERATIONS, EXTRAORDINARY
SERVICE TO NASA, DEDICATION TO

751

01:01:25,800 --> 01:01:36,990

FELLOW EMPLOYEES, AND
OUTSTANDING WORK ETHIC.

752

01:01:36,990 --> 01:01:45,940

[APPLAUSE]

753

01:01:45,940 --> 01:01:49,390

>> THE NEXT HONOREE IS
MR. CHRISTOPHER RUSSELL.

754

01:01:49,390 --> 01:01:52,300

>> CHRIS HAS HAD AN EXTREMELY
DISTINGUISHED CAREER, SPANNING

755

01:01:52,300 --> 01:01:55,100

MORE THAN 50 YEARS AT THE
UNIVERSITY OF CALIFORNIA LOS

756

01:01:55,100 --> 01:01:59,520

ANGELES, HE HAS MADE AN
INDELIBLE MARK ON SPACE FINANCE.

757

01:01:59,520 --> 01:02:03,720

CHRIS IS AN EXPERT ON BUILDING
AND FLYING MAGNETOMETERS TO

758

01:02:03,720 --> 01:02:06,650

MEASURE MAGNETIC FIELDS
THROUGHOUT THE SOLAR SYSTEM.

759

01:02:06,650 --> 01:02:13,050

HE BEGAN WITH APOLLO 15 AND 16,
WENT ON TO THE INTERNATIONAL

760

01:02:13,050 --> 01:02:20,050

CENTERS EXPLORERS, ONE AND TWO,
THE POLAR MISSION, BASIC

761

01:02:20,050 --> 01:02:26,110

[INAUDIBLE] THE AND CURRENTLY
THE MULTI-SCALE MISSION AND THE

762

01:02:26,110 --> 01:02:31,099

INCITE LANDER TO MARS.
CHRIS IS ALSO PART OF THE TEAM

763

01:02:31,099 --> 01:02:33,970

BUILDING THE MAGNETOMETER SYSTEM
FOR THE NEXT MISSION.

764

01:02:33,970 --> 01:02:36,240

CHRIS HAS SERVED AS A
[INAUDIBLE] ON NUMEROUS

765

01:02:36,240 --> 01:02:45,220

MISSIONS.
SINCE 2000 HAS BEEN THE

766

01:02:45,220 --> 01:02:49,590

PRINCIPLE INVESTIGATOR OF THE
DAWN MISSION.

767

01:02:49,590 --> 01:02:52,099

ANOTHER QUALITY THAT
DISTINGUISHES CHRIS IS HIS

768

01:02:52,099 --> 01:02:56,520

GENEROSITY WITH HIS TIME.
HE HAS TRAINED AND MENTORS DOZEN

769

01:02:56,520 --> 01:02:58,130

DOZENS
DOZENS OF STUDENTS AND

770

01:02:58,130 --> 01:03:04,280

RESEARCHERS.
FOR ALL OF THESE REASONS CHRIS

771

01:03:04,280 --> 01:03:07,470

IS RICHLY DESERVING OF THE NASA
DISTINGUISHED PUBLIC SERVICE

772

01:03:07,470 --> 01:03:13,319

MEDAL.
I CONGRATULATE YOU, CHRIS.

773

01:03:13,319 --> 01:03:16,070

>> MR. RUSSELL BEING RECOGNIZED
FOR DISTINGUISHED PUBLIC SERVICE

774

01:03:16,070 --> 01:03:21,420

TO NASA IN THE EXMROER RATION OF
PANNETARY INTERIORS, AND LEADING

775

01:03:21,420 --> 01:03:33,710

DAWN'S GROUND BREAKING
EXPLORATION.

776

01:03:33,710 --> 01:03:44,690

[APPLAUSE]

777

01:03:44,690 --> 01:03:47,999

>> OUR NEXT HONOREE IS MR. JOHN
SALES BURY.

778

01:03:47,999 --> 01:03:51,119

>> ON BEHALF OF THE STAGES
OFFICE AND THE MARSHALL SPACE

779

01:03:51,119 --> 01:03:55,810

FLIGHT SENATOR, IT IS MY HONOR
TO CONGRATULATE JOHN ON HIS

780

01:03:55,810 --> 01:04:10,290

RECEIVING OF THE DISTINGUISHES
SERVICE MEDAL.

781

01:04:10,290 --> 01:04:13,480

IN PARTICULAR, JOHN LEAD THE
RECOVERY OF THE VERTICAL

782

01:04:13,480 --> 01:04:16,930

ASSEMBLY CENTER ALIGNMENT ISSUE,
SO THAT ONE OF A KIND

783

01:04:16,930 --> 01:04:20,140

STATE-OF-THE-ART FACILITY IS NOW
BACK IN OPERATION AND PRODUCING

784

01:04:20,140 --> 01:04:24,359
HARDWARE.
ON BEHALF OF THE AGENCY,

785
01:04:24,359 --> 01:04:27,980
MARSHALL SPACE FLIGHT CENTER,
AND THE STAGES OFFICE IN

786
01:04:27,980 --> 01:04:32,050
PARTICULAR, CONGRATULATIONS,
JOHN, ON YOUR AWARD.

787
01:04:32,050 --> 01:04:35,680
>> MR. SALISBURY IS BEING
RECOGNIZED FOR SERVICE IN THE

788
01:04:35,680 --> 01:04:39,450
DEVELOPMENT, INSTALLATION, AND
OPERATION OF THE SPACE LAUNCH

789
01:04:39,450 --> 01:04:42,960
SYSTEMS CORE STAGE VERTICAL
ASSEMBLY, CENTER MANUFACTURING

790
01:04:42,960 --> 01:05:00,040
TOOL.
[APPLAUSE]

791
01:05:00,040 --> 01:05:03,150
>> THE NEXT HONOREE IS MR. JOHN
STAIRET.

792
01:05:03,150 --> 01:05:06,839
>> JOHN IS REALLY A LEDGE
ENGINEER AS KENNEDY SPACE

793
01:05:06,839 --> 01:05:09,859
CENTER.
HE STARTED HIS CAREER BACK IN

794

01:05:09,859 --> 01:05:16,110
1979 AS WE PREPARED COLUMBIA FOR
ITS INAUGURAL LAUNCH.

795
01:05:16,110 --> 01:05:19,869
HE WAS THE MAIN PROPULSION
SYSTEM ENGINEER, ENSURING THAT

796
01:05:19,869 --> 01:05:21,770
THAT VEHICLE WAS READY TO GO
FLY.

797
01:05:21,770 --> 01:05:25,670
A JOB HE DID OVER THE COURSE OF
THE SPACE SHUTTLE PROGRAM FOR

798
01:05:25,670 --> 01:05:31,880
124 OUT OF 135 MISSIONS, WHICH
IS REALLY UNPRECEDENTED.

799
01:05:31,880 --> 01:05:36,260
IF THERE WAS A PROBLEM IN THE
MAIN PROPULSION SYSTEM, YOU CAN

800
01:05:36,260 --> 01:05:39,630
BET THAT JOHN WOULD BE RIGHT IN
THE MIDDLE OF FIGURING OUT WHAT

801
01:05:39,630 --> 01:05:45,640
WAS WRONG, HOW TO FIX IT, AND
HOW TO GET US BACK FLYING.

802
01:05:45,640 --> 01:05:50,330
HE -- AFTER THE SPACE SHUTTLE
PROGRAM WAS COMPLETE, HE JOINED

803
01:05:50,330 --> 01:05:53,380
THE JACOB'S TEAM AT KENNEDY ON
THE TEST OPERATIONS AND SUPPORT

804

01:05:53,380 --> 01:05:57,230
CONTRACT, WHERE HE HAS CONTINUED
TO APPLY HIS EXPERTISE AND

805

01:05:57,230 --> 01:06:00,420
KNOWLEDGE TO THE FLIGHT AND
GROUND SYSTEMS THAT WILL BE USED

806

01:06:00,420 --> 01:06:04,470
FOR THE SLS VEHICLE.
HE IS PART OF THE TEAM THAT IS

807

01:06:04,470 --> 01:06:07,099
GETTING READY FOR EXPLORATION
MISSION 1.

808

01:06:07,099 --> 01:06:11,180
SO JOHN IS ONE OF THOSE FOLKS
THAT YOU ARE REALLY PROUD -- YOU

809

01:06:11,180 --> 01:06:13,331
ARE PROUD TO KNOW HIM.
YOU ARE PROUD TO HAVE HIM ON

810

01:06:13,331 --> 01:06:16,200
YOUR TEAM.
YOU ARE PROUD TO WORK WITH HIM.

811

01:06:16,200 --> 01:06:20,830
YOU KNOW, YOU ARE REALLY BLESSED
JUST TO -- JUST TO HAVE HIM BE A

812

01:06:20,830 --> 01:06:26,410
PART OF -- OF THIS EXPLORATION
MISSION 1 TEAM.

813

01:06:26,410 --> 01:06:32,580
>> MR. STAIRET IS BEING
RECOGNIZED FOR BENEFITING HUMAN

814

01:06:32,580 --> 01:06:44,359
SPACE FLIGHT AND EXPLORATION
PROGRAMS.

815
01:06:44,359 --> 01:06:54,289
[APPLAUSE]

816
01:06:54,289 --> 01:06:56,401
>> OUR NEXT HONOREE IS
MR. FOREMAN WILLIAMS.

817
01:06:56,401 --> 01:07:01,880
>> PROFESSOR WILLIAMS IS A WORLD
RENOWNED COMBUSTION SCIENTIST.

818
01:07:01,880 --> 01:07:05,840
HE HAS HAD A LONG-STANDING
CAREER WITH NASA FOR OVER FOUR

819
01:07:05,840 --> 01:07:13,881
DECADES.
HE HAS BEEN THE PRINCIPAL

820
01:07:13,881 --> 01:07:17,030
INVESTIGATE FOR SIX HIGHLY
SUCCESSFUL SPACE-BASED

821
01:07:17,030 --> 01:07:20,119
EXPERIMENTS.
RECENTLY PROFESSOR WILLIAMS AND

822
01:07:20,119 --> 01:07:23,130
HIS TEAM DISCOVERED THE
SUSTAINED LOW TEMPERATURE

823
01:07:23,130 --> 01:07:26,530
BURNING OF FUEL DROPLETS,
SOMETHING THE LARGER COMMUNITY

824
01:07:26,530 --> 01:07:29,960

THOUGHT TO BE IMPOSSIBLE.
THIS WILL HAVE PROFOUND

825

01:07:29,960 --> 01:07:34,160
INFLUENCES OF ADVANCING THE
DESIGN OF INTERNAL COMBUSTION N

826

01:07:34,160 --> 01:07:38,040
ENGINES.
HE HAS HELPED COUNTLESS

827

01:07:38,040 --> 01:07:41,470
RESEARCHERS, INSIDE AND OUTSIDE
OF NASA.

828

01:07:41,470 --> 01:07:47,810
HE HAS DEEP INCITES TO
RESEARCHERS OF ALL LEVELS.

829

01:07:47,810 --> 01:07:51,840
THE STUDENTS AND SCIENTISTS HE
HAS MONITORED ARE NOW LEADING

830

01:07:51,840 --> 01:07:55,470
RESEARCHERS AND ADMINISTRATORS
IN ACADEMIA, INDUSTRY, AND

831

01:07:55,470 --> 01:07:58,430
GOVERNMENT, WHERE THEY ARE
EDUCATING THE NEXT GENERATION OF

832

01:07:58,430 --> 01:08:02,180
SCIENTISTS AND ENGINEERS.
>> MR. WILLIAMS IS BEING

833

01:08:02,180 --> 01:08:04,740
RECOGNIZED FOR OUTSTANDING
CONTRIBUTIONS TO THE FIELD OF

834

01:08:04,740 --> 01:08:09,410

COMBUSTION SCIENCE AND USING
SPACE EXPERIMENTS TO REVEAL

835

01:08:09,410 --> 01:08:28,900
EXCITING NEW PHENOMENA.
[APPLAUSE]

836

01:08:28,900 --> 01:08:33,170
>> OUR FINAL HONOREE IS MISS
ROBERTA WIRIC.

837

01:08:33,170 --> 01:08:40,339
>> ROBERTA WIRIC HAS PROVIDED
OUTSTANDING SERVICE TO NASA OVER

838

01:08:40,339 --> 01:08:42,609
THE YEARS.
IT HAS SPANNED DECADES, AND IT

839

01:08:42,609 --> 01:08:47,109
HAS SPANNED PROGRAMS.
SHE STARTED HER CAREER PRIOR TO

840

01:08:47,109 --> 01:08:52,839
THE FIRST SHUTTLE FLIGHT, PRIOR
TO STS 1, AND SHE PIONEERED THE

841

01:08:52,839 --> 01:08:56,651
GROUND LAUNCH SEQUENCE SOFTWARE,
WHICH IS THE SOFTWARE THAT IS

842

01:08:56,651 --> 01:08:59,650
USED IN THE TERMINAL PORTION OF
COUNT, THE SOFTWARE THAT ROBERT

843

01:08:59,650 --> 01:09:04,239
TA WORKED ON ALL OF THOSE YEARS
AGO, SERVED 30 YEARS IN THE

844

01:09:04,239 --> 01:09:07,400

PROGRAM.
OF COURSE THERE WERE CHANGES

845
01:09:07,400 --> 01:09:11,049
OVER THE YEARS, BUT THE WORK SHE
PUT IN, IN THE EARLY DAYS REALLY

846
01:09:11,049 --> 01:09:17,410
BUILT THE FOUNDATION.
OVER THE COURSE OF TIME, SHE

847
01:09:17,410 --> 01:09:21,100
MOVED TO THE TEST-CONDUCTOR
OFFICE, WHERE SHE SERVED AS OUR

848
01:09:21,100 --> 01:09:29,549
LAUNCH TEST CONDUCTOR.
AND AS THE FINAL MINUTES TICKED

849
01:09:29,549 --> 01:09:35,980
DOWN THE COUNTDOWN CLOCK, IT WAS
HER VOICE THAT WAS HEARD.

850
01:09:35,980 --> 01:09:38,770
SHE STARTED IN A TIME WHERE
THERE WEREN'T A LOT OF WOMEN

851
01:09:38,770 --> 01:09:46,790
WORKING IN THIS KIND OF ROLE.
SHE HAS COACHED AND MENTORED SO

852
01:09:46,790 --> 01:09:51,069
MANY TEST CONDUCTORS, TEST
DIRECTORS, MYSELF INCLUDED.

853
01:09:51,069 --> 01:09:55,309
SHE HAS MEANT AN AWFUL LOT TO ME
AS A COLLEAGUE, COACH, MENTOR, A

854
01:09:55,309 --> 01:09:59,560

A FRIEND.

>> MISS WIRIC IS BEING

855

01:09:59,560 --> 01:10:04,610

RECOGNIZED FOR ENABLING HUE MOON
SPACE FLIGHT THROUGH SUPERIOR

856

01:10:04,610 --> 01:10:17,670

TEST MANAGEMENT LEADERSHIP THAT
PLANS MULTIPLE PROGRAMS.

857

01:10:17,670 --> 01:10:28,550

[APPLAUSE]

858

01:10:28,550 --> 01:10:31,110

>> AT THIS TIME, WE WOULD LIKE
TO TAKE A MOMENT TO RECOGNIZE

859

01:10:31,110 --> 01:10:33,920

THOSE DISTINGUISHED SERVICE AND
DISTINGUISHED PUBLIC SERVICE

860

01:10:33,920 --> 01:10:41,219

MEDAL HONOREES THAT COULD NOT
JOIN US TODAY.

861

01:10:41,219 --> 01:10:43,579

§§

>> MR. STEVEN CASH.

862

01:10:43,579 --> 01:10:47,150

>> ON BEHALF OF MARSHALL SPACE
FLIGHT CENTER AND TODD MAY, THE

863

01:10:47,150 --> 01:10:49,969

CENTER DIRECTOR, I WOULD LIKE TO
EXTEND OUR HEART-FELT

864

01:10:49,969 --> 01:10:53,979

CONGRATULATIONS TO STEVE CASH

FOR THE DISTINGUISHED SERVICE

865

01:10:53,979 --> 01:10:56,780

MEDAL.

YOUR CAREER OF OVER 34 YEARS

866

01:10:56,780 --> 01:11:00,110

AFTER MARSHALL SPACE FLIGHT

CENTER HAS LEFT A LEGACY.

867

01:11:00,110 --> 01:11:04,269

YOU HAVE ALWAYS TAKEN TO HEART

BEING A LEADER, AND GUIDING US

868

01:11:04,269 --> 01:11:06,639

THROUGH MANY DIFFICULT

SITUATIONS.

869

01:11:06,639 --> 01:11:11,340

THROUGH YOUR CAREER, IN THE SIDE

ROCKET BOOSTER PROGRAM OFFICE,

870

01:11:11,340 --> 01:11:14,159

IN THE SPACE SHUTTLE PROGRAM

OFFICE, WHERE YOU LEAD US

871

01:11:14,159 --> 01:11:18,409

THROUGH RETURN TO FLIGHT, AND A

SAFE FLY OUT OF THE SHUTTLE AS

872

01:11:18,409 --> 01:11:22,010

WELL AS IN YOUR CURRENT ROLE

WHEN YOU RETIRED AS A SAFETY AND

873

01:11:22,010 --> 01:11:26,199

MISSION ASSURANCE DIRECTOR, YOU

ALWAYS PUT THE PEOPLE FIRST.

874

01:11:26,199 --> 01:11:30,249

YOU LEFT A LEGACY, AND YOU

ALWAYS LEFT US APPRECIATING

875

01:11:30,249 --> 01:11:33,010

EVERYTHING YOU DID TO MAKE US A
STRONGER TEAM.

876

01:11:33,010 --> 01:11:36,929

AGAIN, WE WISH THE BEST.
CONGRATULATIONS ON THIS

877

01:11:36,929 --> 01:11:39,809

DISTINGUISHED AWARD.
IT IS SO WELL DESERVED.

878

01:11:39,809 --> 01:11:43,249

YOU MAKE US PROUD.
>> MR. CRASH IS BEING RECOGNIZED

879

01:11:43,249 --> 01:11:45,910

FOR DISTINGUISHED SERVICE,
OUTSTANDING TECHNICAL AND

880

01:11:45,910 --> 01:11:48,889

LEADERSHIP ABILITIES, AND
EXCEPTIONAL DEDICATION TO THE

881

01:11:48,889 --> 01:11:52,059

MARSHALL SPACE FLIGHT CENTER AND
THE AGENCY.

882

01:11:52,059 --> 01:11:56,769

DR. JEFFERY DAVIS.
>> CONGRATULATIONS TO DR. JEFF

883

01:11:56,769 --> 01:11:58,420

DAVIS.
JEFF LEAD OUR HUMAN HEALTH AND

884

01:11:58,420 --> 01:12:02,159

PERFORMANCE DIRECTOR AT IT FOR

12 YEARS WIN OF HIS MANIAC

885

01:12:02,159 --> 01:12:05,489

ACCOMPLISHMENTS WAS THE CREATION
OF THE HUMAN SYSTEMS RISK BOARD,

886

01:12:05,489 --> 01:12:09,219

WHICH BROUGHT TOGETHER PEOE
WITH EXPERIENCE RANGING FROM

887

01:12:09,219 --> 01:12:13,449

CLINICAL OPERATIONS TO
RESEARCHERS IN ORDER TO IDENTIFY

888

01:12:13,449 --> 01:12:19,020

AND MANAGE RISK.
HE ALSO INSTITUTED THE HEALTHED

889

01:12:19,020 --> 01:12:22,880

A MEDICAL TECHNICAL AUTHORITY AT
THE JOHNSON SPACE CENTER AND

890

01:12:22,880 --> 01:12:26,489

ACROSS ALL NASA CENTERS WHERE
HUMAN SPACE FLIGHT IS SUPPORTED.

891

01:12:26,489 --> 01:12:30,199

HE LEAD THE MULTI-LATERAL SPACE
MEDICINE BOARD WORKING WITH ALL

892

01:12:30,199 --> 01:12:33,199

OF THE INTERNATIONAL SPACE
AGENCIES TO MEDICALLY CERTIFY

893

01:12:33,199 --> 01:12:37,499

CREW MEMBERS.
JEFF ALSO PIONEERED NASA'S

894

01:12:37,499 --> 01:12:42,140

APPROACH TO OPEN INNOVATION, AND

DEVELOPED MODEL PROGRAMS THAT

895

01:12:42,140 --> 01:12:46,030

ARE WIDELY USED AND REFERENCED
BOTH ACROSS NASA AND IN OTHER

896

01:12:46,030 --> 01:12:49,829

GOVERNMENT AGENCIES AND
COMMERCIAL ENTERPRISES.

897

01:12:49,829 --> 01:12:52,119

FOR ALL OF THESE
ACCOMPLISHMENTS, WE'RE PROUD AND

898

01:12:52,119 --> 01:12:55,090

HAPPY TO SEE JEFF RECEIVE THE
NASA DISTINGUISHED SERVICE

899

01:12:55,090 --> 01:12:58,420

MEDAL.
>> DR. DAVIS IS BEING RECOGNIZED

900

01:12:58,420 --> 01:13:03,090

FOR EXCEPTION LEADERSHIP OF
HUMAN HEALTH AND ADVANCEMENT OF

901

01:13:03,090 --> 01:13:06,999

NASA'S HUMAN SPACE FLIGHT
MISSION.

902

01:13:06,999 --> 01:13:14,940

MISS ROBIN HENGDERSON.
>> WE WOULD LIKE TO GIVE OUR SIN

903

01:13:14,940 --> 01:13:18,550

VEER CONGRATULATIONS ON YOUR
DISTINGUISHED SERVICE MEDAL.

904

01:13:18,550 --> 01:13:23,110

ROBIN, PERSONALLY, YOU HAVE DONE

SO MUCH FOR ME, AND GIVEN ME SO

905

01:13:23,110 --> 01:13:27,440

MUCH MENTORING AND HELPFULNESS
AS I HAVE TAKEN ON MY NEW ROLE.

906

01:13:27,440 --> 01:13:34,280

YOU HAVE ALWAYS BEEN A LEADER.
YOUR GUIDANCE, YOUR ABILITY TO

907

01:13:34,280 --> 01:13:38,829

MAKE STRONG DECISIONS AND TO
MANAGE COMPLEX SITUATIONS IS

908

01:13:38,829 --> 01:13:41,019

JUST AMAZING.
THROUGHOUT YOUR CAREER, WHETHER

909

01:13:41,019 --> 01:13:43,869

YOU ARE WORKING ON THE
MICROGRAVITY PROGRAM OR WHEN YOU

910

01:13:43,869 --> 01:13:46,459

TOOK ON THE ROLE AS THE
ASSOCIATE DIRECTOR OF MARSHALL

911

01:13:46,459 --> 01:13:52,099

SPACE FLIGHT CENTER IN 2012, YOU
HAVE ALWAYS BEEN A LEADER.

912

01:13:52,099 --> 01:13:56,530

YOU HAVE GUIDED US AND GIVEN US
THE ABILITY TO MANEUVER THROUGH

913

01:13:56,530 --> 01:14:05,170

MULTIPLE ISSUES THAT HAVE MADE
US WHAT WE ARE TODAY.

914

01:14:05,170 --> 01:14:08,639

WE REALLY APPRECIATE YOU, AND

YOU REALLY DESERVE THIS AWARD.

915

01:14:08,639 --> 01:14:12,030

>> MISS HENGDERSON IS BEING
RECOGNIZED FOR 33 YEARS OF

916

01:14:12,030 --> 01:14:15,249

DISTINGUISHED SERVICE TO NASA
THAT HAS MADE A PROFOUND IMPACT

917

01:14:15,249 --> 01:14:21,510

ON NASA'S MISSION SUCCESS.
MR. BRENDA MANUAL.

918

01:14:21,510 --> 01:14:23,760

>> DIVERSITY INCLUSION IS
SOMETHING ABOUT WHICH I TALKED

919

01:14:23,760 --> 01:14:27,099

FROM THE DAY I GOT HERE AS THE
NASA ADMINISTRATOR.

920

01:14:27,099 --> 01:14:32,380

BUT IT WAS PERSONAL TO ME, AND
IT WAS CRITICALLY IMPORTANT, BUT

921

01:14:32,380 --> 01:14:35,969

IN ORDER TO MAKE IT EFFECTIVE IN
AN AGENCY LIKE NASA, BECAUSE YOU

922

01:14:35,969 --> 01:14:40,059

ARE HAVING TO REACH OUT TO
DISPARATE CENTERS, OUT TO

923

01:14:40,059 --> 01:14:43,969

INTERNATIONAL PARTNERS, AND
REACH OUT TO YOUR PARTNERS IN

924

01:14:43,969 --> 01:14:46,849

ACADEMIA AND INDUSTRY, IN

GETTING THEM TO UNDERSTAND WHY

925

01:14:46,849 --> 01:14:49,809

YOU THINK DIVERSITY AND
INCLUSION IS IMPORTANT.

926

01:14:49,809 --> 01:14:53,260

I COULD NOT HAVE ASKED FOR A
BETTER PARTNER THAN BRENDA

927

01:14:53,260 --> 01:14:58,079

MANUAL.

WITH A LEGAL BACKGROUND, AN

928

01:14:58,079 --> 01:15:03,329

INCREDIBLE KNOWLEDGE OF THE LAW
WITH REFERENCE TO CIVIL RIGHTS

929

01:15:03,329 --> 01:15:07,179

AND EVERYTHING ELSE, BRENDA WAS
JUST KWEE IN HELPING US TO PUT

930

01:15:07,179 --> 01:15:10,750

TOGETHER OUR PLAN FOR HOW WE
WERE GOING TO TACKLE HARASSMENT

931

01:15:10,750 --> 01:15:13,539

IN THE WORKPLACE, HOW WE WERE
GOING TO BRING ABOUT DIVERSITY

932

01:15:13,539 --> 01:15:15,630

AND INCLUSION, AND HOW WE WERE
GOING TO MAKE OUR LEADERS

933

01:15:15,630 --> 01:15:20,510

STRONGER, BECAUSE THEY TOO WERE
DEDICATED TO INCREASING

934

01:15:20,510 --> 01:15:23,260

DIVERSITY AND INCLUSION IN THIS

ORGANIZATION.

935

01:15:23,260 --> 01:15:26,510

THANK YOU SO MUCH FOR WHAT YOU
DID NOT JUST FOR NASA, BUT FOR

936

01:15:26,510 --> 01:15:34,619

THE NATION, BECAUSE YOU
WERE -- WERE THE KEYS TO THE

937

01:15:34,619 --> 01:15:37,929

WHITE HOUSE COMING TO US QUITE
FREAK WENTINGLY TO HELP THEM PUT

938

01:15:37,929 --> 01:15:43,699

TOGETHER FRAM -- PROGRAMS.
>> MISS MANUAL IS BEING

939

01:15:43,699 --> 01:15:51,969

RECOGNIZED FOR A CAREER OF
DEDICATATION TO DIVERSITY AND

940

01:15:51,969 --> 01:15:54,679

INCLUSION.
YOUR CONTRIBUTIONS WILL BENEFIT

941

01:15:54,679 --> 01:15:57,580

THE NATION FOR GENERATIONS TO
COME.

942

01:15:57,580 --> 01:16:03,389

MISS NEWMAN.
>> WORDS CAN'T EXPRESS HOW GREAT

943

01:16:03,389 --> 01:16:08,070

IT WAS TO GET DR. NEWMAN TO COME
ABOARD HERE.

944

01:16:08,070 --> 01:16:17,929

HER INSPIRATION IN THE AREAS OF

INNOVATION, TECHNOLOGY, SHE WAS

945

01:16:17,929 --> 01:16:23,540

THE BIG S, T, ANDI, AND NO ONE
DESERVES THIS AWARD FORE THAN

946

01:16:23,540 --> 01:16:27,459

DAVEA.
>> MISS NEWMAN IS BEING

947

01:16:27,459 --> 01:16:32,280

RECOGNIZED FOR OUTSTANDING
LEADERSHIP OF NASA, AND

948

01:16:32,280 --> 01:16:36,369

ADVANCING OUR TECHNOLOGY,
S.T.E.M., AND OUR NATION IN

949

01:16:36,369 --> 01:16:41,149

ARROW NOTTICS AND SPACE.
MR. ALBERLT SOFTCHI.

950

01:16:41,149 --> 01:16:49,960

>> AL RETIRED THIS YEAR, BUT
BEFORE HE DEPARTED IT WAS MY

951

01:16:49,960 --> 01:17:02,310

PLEASURE TO NOMINATE AL.
AL STARTED WORKING WITH NASA, AT

952

01:17:02,310 --> 01:17:04,730

THE KENNEDY SPACE CENTER
IMMEDIATE LIT OUT OF COLLEGE,

953

01:17:04,730 --> 01:17:07,349

FIRST SUPPORTING THE APOLLO
PROGRAM, AND LATER THE SPACE

954

01:17:07,349 --> 01:17:13,530

SHUTTLE PROGRAM.

HE SUPPORTED THE LAUNCH SERVICES

955

01:17:13,530 --> 01:17:15,590

AND INTERNATIONAL SPACE STATION
PROGRAMS.

956

01:17:15,590 --> 01:17:19,610

IN 2004, HE CAME TO THE OFFICE
OF INTERNATIONAL AND INTERAGENCY

957

01:17:19,610 --> 01:17:24,380

OPERATIONS WHERE HE SERVED AS
OUR DIRECTOR.

958

01:17:24,380 --> 01:17:27,260

IN THAT CAPACITY, HE USED HIS
VAST HUMAN SPACE FLIGHT

959

01:17:27,260 --> 01:17:30,650

EXPERIENCE TO LEAD NASA'S ENGAGE
WITH INTERNATIONAL PARTNERS

960

01:17:30,650 --> 01:17:36,039

AROUND THE WORLD.
AL IS RECOGNIZED ACROSS NASA AND

961

01:17:36,039 --> 01:17:39,030

WITH ALL OF OUR INTERNATIONAL
PARTNERS, AS A GENTLEMEN AND A

962

01:17:39,030 --> 01:17:41,949

TRUE INTERNATIONAL RELATIONS
PROFESSION.

963

01:17:41,949 --> 01:17:46,060

HIS CAREER SPANS CENTERS,
MISSIONS, PROGRAMS, AND

964

01:17:46,060 --> 01:17:49,110

DISCIPLINES, AND HIS WISE

COUNSEL AND LEADERSHIP HAVE MADE

965

01:17:49,110 --> 01:17:54,059

LASTING CONTRIBUTIONS.
CONGRATULATIONS, AL.

966

01:17:54,059 --> 01:17:59,229

>> A HE IS BEING RECOGNIZED FOR
MORE THAN FOUR DECADES OF

967

01:17:59,229 --> 01:18:08,610

SUSTAINED LEADERSHIP, A LEGACY
THAT LIVES ON AT NASA AND WITH

968

01:18:08,610 --> 01:18:14,969

OUR INTERNATIONAL PARTNERS.
DR. ELLEN STOWFAN.

969

01:18:14,969 --> 01:18:18,429

>> YOU DON'T OFTEN HEAR PEOPLE
REFER TO A RENAISSANCE WOMAN.

970

01:18:18,429 --> 01:18:21,579

DR. ELLEN WAS MY RENAISSANCE
WOMAN.

971

01:18:21,579 --> 01:18:27,769

SHE CAME TO HELP US IN THE
SCIENCE ARENA, WHEN SHE CAME IN

972

01:18:27,769 --> 01:18:40,659

AND AGREED TO SERVE AS CHIEF
SCIENTIST, LET ME TELL YOU, SHE

973

01:18:40,659 --> 01:18:45,170

JUST JUMPED IN WITH BOTH FEET.
SHE HELPED US HERE AT NASA, AND

974

01:18:45,170 --> 01:18:51,179

THE ENTIRE FEDERAL GOVERNMENT.

SHE WAS MAGIC WHEN IT CAME TO

975

01:18:51,179 --> 01:18:53,790

MEETING WITH STUDENTS AND
TALKING TO THEM AND GETTING THEM

976

01:18:53,790 --> 01:18:56,610

INSPIRED AND FIRED UP ABOUT
S.T.E.M. EDUCATION.

977

01:18:56,610 --> 01:19:01,150

SO ELLEN, I SURE WISH YOU HAD
STAYED ON AND KIND OF

978

01:19:01,150 --> 01:19:05,179

STAYED -- EVEN AFTER I LEFT,
BECAUSE WE MISS YOU DEARLY, YOU

979

01:19:05,179 --> 01:19:07,789

WERE AWESOME AS THE AGENCY'S
CHIEF SCIENTIST.

980

01:19:07,789 --> 01:19:10,960

AND CONGREGATIONS ON RECEIVING
THIS AWARD.

981

01:19:10,960 --> 01:19:14,340

>> THE DOCTOR IS BEING
RECOGNIZED FOR OUTSTANDING

982

01:19:14,340 --> 01:19:18,039

LEADERSHIP, DEDICATION, AND
COMMITMENT TO NASA'S SCIENCE

983

01:19:18,039 --> 01:19:20,690

PROGRAM AND MISSION.
YOUR CONTRIBUTIONS WILL BENEFIT

984

01:19:20,690 --> 01:19:29,469

THE NATION FOR GENERATIONS TO

COME.

985

01:19:29,469 --> 01:19:31,409

§§

>> MR. MICHAEL DORSH.

986

01:19:31,409 --> 01:19:33,980

>> MIKE HAS BEEN CRITICAL IN THE
DEVELOPMENT OF THE AN TARRIES

987

01:19:33,980 --> 01:19:40,030

ROCKET, WHICH IS A VEHICLE THAT
PROVIDES SERVICES TO THE ISS AND

988

01:19:40,030 --> 01:19:44,300

THE SCIENCE THAT IT PERFORMS.
THIS CRITICAL OPERATION AND

989

01:19:44,300 --> 01:19:49,209

DEVELOPMENT OF THIS VEHICLE WAS
AN INTEGRATIVE WORK BETWEEN ORED

990

01:19:49,209 --> 01:19:54,190

BY TALL [INAUDIBLE] THE
UKRAINE AND THE RUSSIANS, AND HE

991

01:19:54,190 --> 01:19:57,349

WAS ABLE TO OVERCOME MANY
CHALLENGES IN CREATING THIS NEW

992

01:19:57,349 --> 01:20:00,179

CAPABILITY FOR ISS, AND HAS BEEN
RESPONSIBLE FOR DELIVERING

993

01:20:00,179 --> 01:20:05,610

THOUSANDS OF TONS TO THE
INTERNATIONAL SPACE SYSTEM.

994

01:20:05,610 --> 01:20:12,130

>> HE IS BEING RECOGNIZED FOR

DEVELOPING COMMERCIAL SUCCESS TO

995

01:20:12,130 --> 01:20:16,510

THE INTERNATIONAL SPACE STATION.
MR. ROGER [INAUDIBLE].

996

01:20:16,510 --> 01:20:20,030

>> I NOMINATED ROGER FOR THE
NATIONAL DISTINGUISHED SERVICE

997

01:20:20,030 --> 01:20:24,530

MEDAL FOR HIS LONG SERVICE TO
NASA HISTORY AND NASA IN

998

01:20:24,530 --> 01:20:26,309

GENERAL.
IN THE DOZEN YEARS HE WAS OUR

999

01:20:26,309 --> 01:20:31,389

CHIEF HISTORIAN, HE COMPLETELY
REVOLUTIONIZED THE NASA HISTORY

1000

01:20:31,389 --> 01:20:35,729

PROGRAM, INCREASING OUR BOOKS
AND PUBLICATIONS AND ALSO

1001

01:20:35,729 --> 01:20:37,969

ESTABLISHING A SITE ON THE
INTERNET.

1002

01:20:37,969 --> 01:20:42,749

AND NOW IT IS ONE OF THE MOST
VALUABLE SOURCES OF INFORMATION

1003

01:20:42,749 --> 01:20:48,619

ABOUT OUR PAST.
IN THE 15 YEARS SINCE HE LEFT,

1004

01:20:48,619 --> 01:20:52,460

WORKING AT THE SPACE MUSEUM,

ROGER HAS CONTINUED TO BE AN

1005

01:20:52,460 --> 01:20:57,699

INCREDIBLE ADVOCATE, PUBLISHING
OVER A DOZEN BOOKS, TWO OF WHICH

1006

01:20:57,699 --> 01:21:02,300

WON THE HISTORY MANUSCRIPT BOOK
PRIZE.

1007

01:21:02,300 --> 01:21:07,719

HE HAS BEEN AN INCREDIBLE
ADVOCATE AS A WRITER, AND

1008

01:21:07,719 --> 01:21:11,539

EDITORIALS AND THOUGHT PIECES,
ANALYSIS PIECES FOR VARIOUS

1009

01:21:11,539 --> 01:21:16,510

ORGANIZATIONS, AND A GOOD FRIEND
OF THE HISTORY PROGRAM FOR YEARS

1010

01:21:16,510 --> 01:21:19,070

AND YEARS.
HE IS CERTAINLY WELL DESERVING

1011

01:21:19,070 --> 01:21:23,280

OF THIS RECOGNITION.
>> HE IS BEING RECOGNIZED FOR

1012

01:21:23,280 --> 01:21:26,940

DISTINGUISHED SERVICE, PROMOTING
OUR NATION'S HISTORY IN ARROW

1013

01:21:26,940 --> 01:21:29,550

NOTTICS, SPACE, AND SELFLESS
LEADERSHIP IN PROMOTING THE

1014

01:21:29,550 --> 01:21:36,320

HIGHEST STANDS IN HISTORICAL

ENDEAVORS.

1015

01:21:36,320 --> 01:21:40,780

[APPLAUSE]

1016

01:21:40,780 --> 01:21:47,820

>> WELL, OUR ACTING
ADMINISTRATOR SAID IT BEST

1017

01:21:47,820 --> 01:21:48,820

EARLIER, WHEN HE SAID THIS IS A
CELEBRATION.

1018

01:21:48,820 --> 01:21:51,199

SO LET'S GIVE ALL OF OUR
DISTINGUISHED HONOREES ANOTHER

1019

01:21:51,199 --> 01:21:53,949

ROUND OF WELL-DESERVED APPLAUSE
FOR THEIR OUTSTANDING

1020

01:21:53,949 --> 01:22:02,840

CONTRIBUTIONS TO NASA.
[APPLAUSE]

1021

01:22:02,840 --> 01:22:07,130

>> ON BEHALF OF THE AGENCY, WE
THANK EACH OF THE EXTRAORDINARY

1022

01:22:07,130 --> 01:22:09,270

HONOREES FOR DISTINGUISHED
SERVICE, AND WE WISH YOU

1023

01:22:09,270 --> 01:22:12,940

CONTINUED SUCCESS IN ALL OF YOUR
FUTURE ENDEAVORS.

1024

01:22:12,940 --> 01:22:24,959

WE WOULD ALSO LIKE TO EXTEND OUR
APPRECIATION TO ALL OF, THE

1025

01:22:24,959 --> 01:22:29,039

CEREMONY STAFF AND VOLUNTEERS,
AND TO OUR HOSTS FOR ALL OF YOUR

1026

01:22:29,039 --> 01:22:32,719

CONTRIBUTIONS IN MAKING TODAY'S
CEREMONY A SUCCESS.

1027

01:22:32,719 --> 01:22:35,360

CONGRATULATIONS ON 100 YEARS OF
AMAZING AND INSPIRING

1028

01:22:35,360 --> 01:22:38,219

DISCOVERIES
DISCOVERIES.

1029

01:22:38,219 --> 01:22:41,739

OUR ACCOMPLISHES ARE BUILT ON
THE HARD WORK AND LEGACY OF

1030

01:22:41,739 --> 01:22:45,349

THOSE WHO HAVE COME BEFORE US.
WE WANT TO THANK ALL OF YOU FOR

1031

01:22:45,349 --> 01:22:54,800

JOINING US, AND SPECIFICALLY OUR
HONOREES, AS