



1
00:00:05,038 --> 00:00:06,106
>> NASA's Student Launch

2
00:00:06,106 --> 00:00:07,340
Competition is not

3
00:00:07,340 --> 00:00:09,409
for the faint of heart.

4
00:00:09,409 --> 00:00:10,343
Teams not only must

5
00:00:10,343 --> 00:00:11,544
design a high powered,

6
00:00:11,544 --> 00:00:12,779
amateur rocket and figure out

7
00:00:12,779 --> 00:00:13,747
how to accomplish

8
00:00:13,747 --> 00:00:15,415
the payload challenge,

9
00:00:15,415 --> 00:00:16,182
fitting that payload

10
00:00:16,182 --> 00:00:17,617
within their rocket,

11
00:00:17,617 --> 00:00:18,651
but they must also submit

12
00:00:18,651 --> 00:00:19,819
multiple design review

13
00:00:19,819 --> 00:00:21,121

documents that can easily

14

00:00:21,121 --> 00:00:23,690

total over 1,000 pages,

15

00:00:23,690 --> 00:00:24,758

and give multiple

16

00:00:24,758 --> 00:00:26,726

presentations to NASA

17

00:00:26,726 --> 00:00:29,362

and rocketry experts.

18

00:00:29,362 --> 00:00:30,597

These milestones ensure that

19

00:00:30,597 --> 00:00:31,965

the team is making necessary

20

00:00:31,965 --> 00:00:33,800

progress toward their goal

21

00:00:33,800 --> 00:00:34,667

and that their work is

22

00:00:34,667 --> 00:00:37,036

being done in a safe manner.

23

00:00:37,036 --> 00:00:38,138

Experienced teams

24

00:00:38,138 --> 00:00:39,439

know the challenge

25

00:00:39,439 --> 00:00:41,941

and can begin to prepare.

26

00:00:41,941 --> 00:00:42,909

For our rookie teams,

27

00:00:42,909 --> 00:00:45,011

the experiences and challenges

28

00:00:45,011 --> 00:00:47,213

are brand new.

29

00:00:47,213 --> 00:00:48,348

That's why we recognize

30

00:00:48,348 --> 00:00:50,016

our new teams in the College

31

00:00:50,016 --> 00:00:51,985

and University Division

32

00:00:51,985 --> 00:00:54,587

with the Rookie Award.

33

00:00:54,587 --> 00:00:55,555

This year's competition

34

00:00:55,555 --> 00:00:57,657

had eight rookie teams.

35

00:00:57,657 --> 00:00:58,892

Finishing third is

36

00:00:58,892 --> 00:00:59,659

the University of

37

00:00:59,659 --> 00:01:02,028

Texas, Arlington.

38

00:01:02,028 --> 00:01:03,329

Our second place rookie team

39

00:01:03,329 --> 00:01:04,164
is the University of

40

00:01:04,164 --> 00:01:07,000
California, Los Angeles.

41

00:01:07,000 --> 00:01:09,803
And winning the 2020 Student

42

00:01:09,803 --> 00:01:11,671
Launch Rookie Award is

43

00:01:11,671 --> 00:01:13,039
the University of

44

00:01:13,039 --> 00:01:15,708
Puerto Rico, Mayaguez.

45

00:01:15,708 --> 00:01:17,710
Congratulations.

46

00:01:21,948 --> 00:01:23,016
The Judge's Choice award

47

00:01:23,016 --> 00:01:24,284
is selected by a panel of

48

00:01:24,284 --> 00:01:26,352
NASA judges and given to

49

00:01:26,352 --> 00:01:27,554
the team that has the best

50

00:01:27,554 --> 00:01:30,056
combination of documentation,

51

00:01:30,056 --> 00:01:31,825

payload innovation,

52

00:01:31,825 --> 00:01:34,260

vehicle design and construction,

53

00:01:34,260 --> 00:01:36,463

and student engagement.

54

00:01:36,463 --> 00:01:37,730

All of the teams have put in

55

00:01:37,730 --> 00:01:39,132

a tremendous amount of work

56

00:01:39,132 --> 00:01:40,834

this year and although

57

00:01:40,834 --> 00:01:42,702

the COVID-19 prevented teams

58

00:01:42,702 --> 00:01:44,737

from travelling to Huntsville,

59

00:01:44,737 --> 00:01:46,039

every team should be proud of

60

00:01:46,039 --> 00:01:47,907

finishing the program through

61

00:01:47,907 --> 00:01:50,810

these unprecedented times.

62

00:01:50,810 --> 00:01:52,679

Third place is a tie between

63

00:01:52,679 --> 00:01:54,681

Madison West High School

64

00:01:54,681 --> 00:01:56,950
from Madison, Wisconsin

65

00:01:56,950 --> 00:01:59,319
and Nativity Catholic School

66

00:01:59,319 --> 00:02:02,422
of Burke, Virginia.

67

00:02:02,422 --> 00:02:03,857
In second place is

68

00:02:03,857 --> 00:02:05,225
the Harrison Central

69

00:02:05,225 --> 00:02:07,093
School District from

70

00:02:07,093 --> 00:02:09,028
Harrison, New York.

71

00:02:09,028 --> 00:02:11,064
And in first place is

72

00:02:11,064 --> 00:02:13,132
Notre Dame Academy from

73

00:02:13,132 --> 00:02:16,236
Los Angeles, California.

74

00:02:16,236 --> 00:02:17,337
This award also comes

75

00:02:17,337 --> 00:02:19,038
with a \$2,000 award from

76

00:02:19,038 --> 00:02:20,273

the National Space Club,

77

00:02:20,273 --> 00:02:21,908

Huntsville.

78

00:02:21,908 --> 00:02:23,243

This team's presentation

79

00:02:23,243 --> 00:02:24,210

during the preliminary

80

00:02:27,580 --> 00:02:25,645

design review,

81

00:02:27,580 --> 00:02:28,481

and the flight readiness

82

00:02:28,481 --> 00:02:30,283

review were thorough

83

00:02:30,283 --> 00:02:31,885

and complete.

84

00:02:31,885 --> 00:02:33,620

It was clear that this team

85

00:02:33,620 --> 00:02:35,622

took extra precaution

86

00:02:35,622 --> 00:02:36,222

and thought through

87

00:02:36,222 --> 00:02:37,524

intricate designs when it

88

00:02:37,524 --> 00:02:40,860

came to their payload.

89

00:02:40,860 --> 00:02:41,928

The payload was geared toward

90

00:02:41,928 --> 00:02:44,497

measuring cosmic ray detection

91

00:02:44,497 --> 00:02:45,832

and the device's ability

92

00:02:45,832 --> 00:02:48,568

to function while withstanding

93

00:02:48,568 --> 00:02:50,570

high acceleration.

94

00:02:50,570 --> 00:02:51,905

Congratulations on

95

00:02:51,905 --> 00:02:54,140

a job well done.

96

00:02:58,778 --> 00:03:00,013

>> I'm Steve Miley,

97

00:03:00,013 --> 00:03:00,980

the Associate Director

98

00:03:00,980 --> 00:03:02,348

of NASA's Marshall

99

00:03:02,348 --> 00:03:03,783

Space Flight Center,

100

00:03:03,783 --> 00:03:04,951

here to announce the final

101
00:03:04,951 --> 00:03:06,553
category of the NASA

102
00:03:06,553 --> 00:03:08,421
Student Launch Competition.

103
00:03:08,421 --> 00:03:09,489
One of the agencies'

104
00:03:09,489 --> 00:03:12,425
Artemis Student Challenges.

105
00:03:12,425 --> 00:03:14,160
Student Launch competitors

106
00:03:14,160 --> 00:03:15,261
go through an intense,

107
00:03:15,261 --> 00:03:16,429
eight-month program that

108
00:03:16,429 --> 00:03:17,864
begins in August when

109
00:03:17,864 --> 00:03:19,832
we release the rules, and ends

110
00:03:19,832 --> 00:03:21,701
in April at Launch Day

111
00:03:21,701 --> 00:03:23,970
in Huntsville, Alabama.

112
00:03:23,970 --> 00:03:25,939
While we were unfortunately

113
00:03:25,939 --> 00:03:28,141

unable to host our students

114

00:03:28,141 --> 00:03:29,776
for the grand finale events

115

00:03:29,776 --> 00:03:31,678
due to COVID-19,

116

00:03:31,678 --> 00:03:32,912
we are excited that

117

00:03:32,912 --> 00:03:34,547
we are able to recognize

118

00:03:34,547 --> 00:03:35,648
the many accomplishments

119

00:03:35,648 --> 00:03:36,549
they achieved during

120

00:03:36,549 --> 00:03:38,351
late nights in the lab,

121

00:03:38,351 --> 00:03:39,218
long weekends

122

00:03:39,218 --> 00:03:40,620
on the launch field,

123

00:03:40,620 --> 00:03:42,889
and early morning presentations

124

00:03:42,889 --> 00:03:45,024
to rocketry experts.

125

00:03:45,024 --> 00:03:46,059
The program challenges

126
00:03:46,059 --> 00:03:47,594
young people to experience

127
00:03:47,594 --> 00:03:49,596
the life cycle of engineering

128
00:03:49,596 --> 00:03:51,230
and hardware development.

129
00:03:51,230 --> 00:03:52,599
And only the top teams

130
00:03:52,599 --> 00:03:54,801
are selected to compete.

131
00:03:54,801 --> 00:03:56,469
It is my honor to announce

132
00:03:56,469 --> 00:03:59,138
the top three overall winners

133
00:03:59,138 --> 00:04:00,540
for the College and University

134
00:04:00,540 --> 00:04:03,376
Division of this year's NASA

135
00:04:03,376 --> 00:04:05,678
Student Launch Competition.

136
00:04:05,678 --> 00:04:07,146
Finishing in third place is

137
00:04:07,146 --> 00:04:09,048
a team whose school has a rich

138
00:04:09,048 --> 00:04:10,183

heritage with Marshall

139

00:04:10,183 --> 00:04:11,851
Space Flight Center.

140

00:04:11,851 --> 00:04:13,853
Congratulations the University

141

00:04:13,853 --> 00:04:16,155
of Alabama in Huntsville.

142

00:04:17,490 --> 00:04:19,892
Finishing in second place is

143

00:04:19,892 --> 00:04:21,227
a group of students who are

144

00:04:21,227 --> 00:04:23,730
no strangers to the top echelon

145

00:04:23,730 --> 00:04:25,832
of NASA's Student Launch.

146

00:04:25,832 --> 00:04:28,368
Congratulations to the 49ers

147

00:04:28,368 --> 00:04:29,369
of the University of

148

00:04:29,369 --> 00:04:31,471
North Carolina, Charlotte.

149

00:04:33,773 --> 00:04:35,441
The overall winner of this

150

00:04:35,441 --> 00:04:37,276
year's competition has made

151
00:04:37,276 --> 00:04:39,412
a habit of being at the top

152
00:04:39,412 --> 00:04:41,280
of the competition.

153
00:04:41,280 --> 00:04:42,782
For the seventh time

154
00:04:42,782 --> 00:04:44,784
in the past eight years,

155
00:04:44,784 --> 00:04:46,185
the Vanderbilt Aerospace

156
00:04:46,185 --> 00:04:47,920
Design Lab from Vanderbilt

157
00:04:47,920 --> 00:04:49,255
University in Nashville,

158
00:04:49,255 --> 00:04:51,290
Tennessee is the winner

159
00:04:51,290 --> 00:04:53,459
of NASA's Student Launch.

160
00:04:53,459 --> 00:04:55,261
En route to victory,

161
00:04:55,261 --> 00:04:57,363
Vanderbilt also claimed awards

162
00:04:57,363 --> 00:04:59,565
in multiple other categories.

163
00:04:59,565 --> 00:05:00,533

Applying both

164

00:05:00,533 --> 00:05:01,868
computer software and

165

00:05:01,868 --> 00:05:04,170
the fundamentals of rocketry,

166

00:05:04,170 --> 00:05:05,371
The students consistently

167

00:05:05,371 --> 00:05:07,240
thought outside of the box

168

00:05:07,240 --> 00:05:08,474
and innovated the various

169

00:05:08,474 --> 00:05:10,209
systems of their rocket

170

00:05:10,209 --> 00:05:11,844
and payload.

171

00:05:11,844 --> 00:05:12,845
They truly have

172

00:05:12,845 --> 00:05:14,514
the right stuff.

173

00:05:14,514 --> 00:05:15,648
Congratulations,

174

00:05:15,648 --> 00:05:18,217
Vanderbilt University.

175

00:05:18,217 --> 00:05:19,585
And congratulations

176

00:05:19,585 --> 00:05:21,020

to all of our NASA

177

00:05:21,020 --> 00:05:23,156

Student Launch participants.

178

00:05:23,156 --> 00:05:25,658

You did a tremendous job.

179

00:05:25,658 --> 00:05:28,494

You are the Artemis generation.

180

00:05:28,494 --> 00:05:29,696

And we at NASA,

181

00:05:29,696 --> 00:05:30,697

along with all of our