



1  
00:00:13,190 --> 00:00:10,430  
good morning and welcome this is Mission

2  
00:00:14,749 --> 00:00:13,200  
Control Houston on your screen now is a

3  
00:00:16,970 --> 00:00:14,759  
live look at the Mid-Atlantic Regional

4  
00:00:19,070 --> 00:00:16,980  
Spaceport on Wallops Island located on

5  
00:00:21,109 --> 00:00:19,080  
the eastern shore of Virginia Northwest

6  
00:00:23,870 --> 00:00:21,119  
grumman's and Terry's rocket is preparing

7  
00:00:25,670 --> 00:00:23,880  
for a liftoff at Launchpad 0a to kick

8  
00:00:27,710 --> 00:00:25,680  
off a cargo Mission carried out by the

9  
00:00:29,630 --> 00:00:27,720  
company cygnus spacecraft

10  
00:00:33,290 --> 00:00:29,640  
launch is expected in about 20 minutes

11  
00:00:37,250 --> 00:00:33,300  
from now at 4 50 and 16 seconds am

12  
00:00:39,470 --> 00:00:37,260  
Central 5 50 16 a.m Eastern with a five

13  
00:00:41,090 --> 00:00:39,480

minute launch window

14

00:00:42,830 --> 00:00:41,100

the rocket and the spacecraft will

15

00:00:45,410 --> 00:00:42,840

launch to the southeast and be visible

16

00:00:47,030 --> 00:00:45,420

up the Eastern Seaboard everything is on

17

00:01:40,249 --> 00:00:47,040

track with the rocket for an on-time

18

00:01:43,969 --> 00:01:42,109

if you take a look at the top of your

19

00:01:46,429 --> 00:01:43,979

screen towards the very top of the

20

00:01:49,010 --> 00:01:46,439

rocket you can see an American flag and

21

00:01:50,810 --> 00:01:49,020

a swan emblem just inside the fairing

22

00:01:52,730 --> 00:01:50,820

there since the cygnus spacecraft we're

23

00:01:54,410 --> 00:01:52,740

talking about today is carrying 8

24

00:01:57,230 --> 00:01:54,420

thousand two hundred pounds of

25

00:01:58,789 --> 00:01:57,240

scientific experiments food hardware and

26  
00:02:00,830 --> 00:01:58,799  
supplies to the people living aboard the

27  
00:02:02,569 --> 00:02:00,840  
International Space Station

28  
00:02:27,470 --> 00:02:02,579  
the Antares rocket is below with the

29  
00:02:31,610 --> 00:02:29,270  
the weather for today's launch is

30  
00:02:33,830 --> 00:02:31,620  
forecast to be 90 favorable even better

31  
00:02:35,390 --> 00:02:33,840  
than yesterday's predictions according

32  
00:02:37,190 --> 00:02:35,400  
to the weather briefing held earlier

33  
00:02:39,589 --> 00:02:37,200  
today temperatures at Wallops are in the

34  
00:02:41,089 --> 00:02:39,599  
mid 60s and weather officers do not

35  
00:02:58,490 --> 00:02:41,099  
expect weather to be any kind of

36  
00:03:02,869 --> 00:03:00,710  
this is Norfolk grumman's 18th

37  
00:03:05,449 --> 00:03:02,879  
Commercial resupply Services Mission and

38  
00:03:06,770 --> 00:03:05,459

following launch cygnus is expected to

39

00:03:08,390 --> 00:03:06,780  
make a two-day Journey to the

40

00:03:10,130 --> 00:03:08,400  
International Space Station

41

00:03:13,070 --> 00:03:10,140  
it'll be robotically captured at

42

00:03:15,589 --> 00:03:13,080  
approximately 5 50 a.m eastern time on

43

00:03:18,830 --> 00:03:15,599  
Tuesday November 8th at the hands of

44

00:03:21,589 --> 00:03:18,840  
NASA astronaut Nicole Mann backed up by

45

00:03:23,990 --> 00:03:21,599  
Josh cassida both inside the station's

46

00:03:26,390 --> 00:03:24,000  
cupola robotic workstation

47

00:03:28,309 --> 00:03:26,400  
man will use the canadarm robotic arm to

48

00:03:30,350 --> 00:03:28,319  
Grapple cygnus and then turn over

49

00:03:32,449 --> 00:03:30,360  
operations to a robotic Specialists here

50

00:03:34,190 --> 00:03:32,459  
in Mission Control who will install it

51  
00:03:39,410 --> 00:03:34,200  
into place on the earth-facing port of

52  
00:03:39,420 --> 00:03:45,350  
admin LC on countdown one

53  
00:03:45,360 --> 00:03:49,190  
admin on countdown one

54  
00:03:55,789 --> 00:03:51,649  
yeah admin there's a request to hold

55  
00:04:01,670 --> 00:03:55,799  
five minute hold at L minus 11 minutes

56  
00:04:07,309 --> 00:04:01,680  
we will hold CDT at 10 39 16. and resume

57  
00:04:09,589 --> 00:04:07,319  
CDT at 10 44 15.

58  
00:04:13,190 --> 00:04:09,599  
copy that in work

59  
00:04:14,570 --> 00:04:13,200  
and NASA tdlc on countdown

60  
00:04:17,689 --> 00:04:14,580  
go for tea

61  
00:04:22,730 --> 00:04:17,699  
yeah TD we'd like to hold for five

62  
00:04:25,670 --> 00:04:22,740  
minutes at CDT 10 39 16.

63  
00:04:32,150 --> 00:04:25,680

hold at 10 39 16.

64

00:04:32,160 --> 00:04:36,950

we Zoom at 10 44 15.

65

00:04:41,930 --> 00:04:39,350

that's a good copy

66

00:04:45,409 --> 00:04:41,940

I'll see prop please uh countdown One

67

00:04:48,830 --> 00:04:45,419

Step 397 we have an actual F1 level of

68

00:04:48,840 --> 00:05:22,129

LC copies check step 397.

69

00:05:26,990 --> 00:05:24,830

we do have a guest from Northrop Grumman

70

00:05:29,270 --> 00:05:27,000

Christian helona Christina do we have

71

00:05:32,270 --> 00:05:29,280

you have you here with us

72

00:05:34,070 --> 00:05:32,280

hi yes you do thank you Kelsey I'm very

73

00:05:35,270 --> 00:05:34,080

honored to be here this early November

74

00:05:38,029 --> 00:05:35,280

morning

75

00:05:40,610 --> 00:05:38,039

as a now a woman like to wish you all a

76  
00:05:42,350 --> 00:05:40,620  
Happy Native American heritage month and

77  
00:05:45,110 --> 00:05:42,360  
thank you all for joining us to see a

78  
00:05:46,670 --> 00:05:45,120  
successful interior design to the

79  
00:05:49,129 --> 00:05:46,680  
International Space Station

80  
00:05:50,450 --> 00:05:49,139  
thank you Mr Christina we're getting

81  
00:05:52,430 --> 00:05:50,460  
ready for launch but we're not quite

82  
00:05:54,650 --> 00:05:52,440  
there yet what do we expect in these

83  
00:05:58,010 --> 00:05:54,660  
final moments of the countdown

84  
00:05:59,930 --> 00:05:58,020  
yeah so as you see the rocket there

85  
00:06:02,510 --> 00:05:59,940  
um there's still a few uh pre-launch

86  
00:06:05,629 --> 00:06:02,520  
Milestones that are left to right before

87  
00:06:07,670 --> 00:06:05,639  
launch for example we are currently at

88  
00:06:09,050 --> 00:06:07,680

the tail end of our propellant loading

89

00:06:12,050 --> 00:06:09,060

operations

90

00:06:14,210 --> 00:06:12,060

so when that when that is completed team

91

00:06:17,570 --> 00:06:14,220

will top off the propellant and do some

92

00:06:19,790 --> 00:06:17,580

feel adjustments then a final go no go

93

00:06:22,249 --> 00:06:19,800

poll will be completed to proceed with

94

00:06:24,770 --> 00:06:22,259

The Final Countdown to launch and

95

00:06:26,689 --> 00:06:24,780

approximately three minutes or so before

96

00:06:29,870 --> 00:06:26,699

launch the auto sequence will be

97

00:06:31,969 --> 00:06:29,880

initiated and what that does is it turns

98

00:06:34,070 --> 00:06:31,979

on the Interiors internal flight

99

00:06:37,010 --> 00:06:34,080

computers take over and commence the

100

00:06:38,570 --> 00:06:37,020

vehicle so the odyssequencer then goes

101  
00:06:40,249 --> 00:06:38,580  
through some final steps of prepping the

102  
00:06:43,330 --> 00:06:40,259  
vehicle for launch and then we'll

103  
00:06:45,770 --> 00:06:43,340  
proceed through the final countdown

104  
00:06:47,390 --> 00:06:45,780  
and after launch what performance can we

105  
00:06:49,909 --> 00:06:47,400  
expect from Antares what are some of the

106  
00:06:52,790 --> 00:06:49,919  
post liftoff milestones

107  
00:06:55,790 --> 00:06:52,800  
yeah so after liftoff for team will

108  
00:06:58,070 --> 00:06:55,800  
butcher some quite a few posts launch

109  
00:07:00,830 --> 00:06:58,080  
Modern Milestones to to the exact the

110  
00:07:02,450 --> 00:07:00,840  
first Milestone we'll be waiting for are

111  
00:07:06,050 --> 00:07:02,460  
the main engines to burn for

112  
00:07:08,990 --> 00:07:06,060  
approximately 200 seconds or so until uh

113  
00:07:10,909 --> 00:07:09,000

main engine cut off so once we get to

114

00:07:13,270 --> 00:07:10,919

that main engine cut off you'll hear

115

00:07:16,490 --> 00:07:13,280

you'll hear that as Nico

116

00:07:18,469 --> 00:07:16,500

from uh from the control room and we'll

117

00:07:21,050 --> 00:07:18,479

go into a short coach right before we

118

00:07:22,670 --> 00:07:21,060

separate stage one and stage two which

119

00:07:25,550 --> 00:07:22,680

we call the upper stack portion of

120

00:07:26,990 --> 00:07:25,560

interis then we'll continue to Coast a

121

00:07:29,029 --> 00:07:27,000

little bit longer

122

00:07:31,909 --> 00:07:29,039

um about 30 seconds or so before the

123

00:07:33,710 --> 00:07:31,919

fairing separation and then uh we'll

124

00:07:35,390 --> 00:07:33,720

have an internal separation where the

125

00:07:36,710 --> 00:07:35,400

stage two flies out of the external

126  
00:07:38,809 --> 00:07:36,720  
upper stack

127  
00:07:41,029 --> 00:07:38,819  
once the stage two is clear of the upper

128  
00:07:43,430 --> 00:07:41,039  
stack the stage two will actually ignite

129  
00:07:45,290 --> 00:07:43,440  
for a two and a half burn should have

130  
00:07:47,210 --> 00:07:45,300  
been a burn and that puts English really

131  
00:07:49,850 --> 00:07:47,220  
close to their orbit and then it goes to

132  
00:07:51,650 --> 00:07:49,860  
ensure everything is stable then a

133  
00:07:52,610 --> 00:07:51,660  
cygnus will be released into desired

134  
00:07:55,309 --> 00:07:52,620  
orbit

135  
00:07:57,469 --> 00:07:55,319  
and then um after stick messages we

136  
00:07:59,089 --> 00:07:57,479  
still kind of go through a calm just

137  
00:08:02,029 --> 00:07:59,099  
check we'll go through some college

138  
00:08:03,650 --> 00:08:02,039

checks and then about an hour or an hour

139

00:08:06,249 --> 00:08:03,660

and a half after that

140

00:08:09,589 --> 00:08:06,259

um so arrays will be

141

00:08:12,290 --> 00:08:09,599

released the solar rays will be out and

142

00:08:14,029 --> 00:08:12,300

open for for it to close on up to the

143

00:08:15,230 --> 00:08:14,039

International Space Station and then

144

00:08:17,330 --> 00:08:15,240

it'll take about

145

00:08:19,309 --> 00:08:17,340

sickness will take about uh nine minutes

146

00:08:21,230 --> 00:08:19,319

or so to get to orbit more transfer

147

00:08:23,390 --> 00:08:21,240

sickness to launch mode

148

00:08:24,830 --> 00:08:23,400

and cygnus is set to make a two-day

149

00:08:26,510 --> 00:08:24,840

Journey to the space station with a

150

00:08:27,890 --> 00:08:26,520

critical job of resupplying the space

151  
00:08:29,510 --> 00:08:27,900  
station what's the importance of

152  
00:08:31,369 --> 00:08:29,520  
cygnus's capabilities in a mission like

153  
00:08:35,209 --> 00:08:31,379  
this

154  
00:08:36,709 --> 00:08:35,219  
yeah for Norther Grumman has played a

155  
00:08:39,230 --> 00:08:36,719  
critical role in keeping the

156  
00:08:43,070 --> 00:08:39,240  
International Space Station operational

157  
00:08:44,930 --> 00:08:43,080  
since 2013 and Cemex was unique in its

158  
00:08:46,970 --> 00:08:44,940  
ability to carry away a large amounts of

159  
00:08:50,150 --> 00:08:46,980  
pressurized cargo and its primary

160  
00:08:52,250 --> 00:08:50,160  
mission to deliver equipment supplies

161  
00:08:54,949 --> 00:08:52,260  
and scientific experiments to the

162  
00:08:57,769 --> 00:08:54,959  
astronaut crew on this particular

163  
00:08:59,810 --> 00:08:57,779

Mission sickness is caring about 8 200

164

00:09:02,509 --> 00:08:59,820

pounds of cargo

165

00:09:05,750 --> 00:09:02,519

um ng-18 will again include capability

166

00:09:07,610 --> 00:09:05,760

to perform an ISS reboost in the

167

00:09:10,670 --> 00:09:07,620

periodic rebooster required as part of

168

00:09:12,850 --> 00:09:10,680

regular maintenance of the station to

169

00:09:15,710 --> 00:09:12,860

cataract the effects of gradual

170

00:09:17,870 --> 00:09:15,720

atmospheric drag and ensure the station

171

00:09:20,570 --> 00:09:17,880

maintains proper orbit

172

00:09:21,949 --> 00:09:20,580

so our team actually

173

00:09:24,610 --> 00:09:21,959

was actually the very first operational

174

00:09:28,850 --> 00:09:24,620

reboost during the ng-17 mission mission

175

00:09:32,389 --> 00:09:28,860

so if requested ng-18 is requested by

176

00:09:36,470 --> 00:09:32,399

NASA NGA team can perform one or more

177

00:09:39,230 --> 00:09:36,480

reboots up to the ISS and cignus also

178

00:09:41,509 --> 00:09:39,240

provides some some trash disposal

179

00:09:44,930 --> 00:09:41,519

services as well if need be

180

00:09:47,990 --> 00:09:44,940

Christina thank you so much

181

00:09:48,949 --> 00:09:48,000

and prop lead LC on countdown one go for

182

00:09:52,070 --> 00:09:48,959

lead

183

00:10:00,350 --> 00:09:52,080

are you our go-to abort the occs

184

00:10:21,470 --> 00:10:03,530

LLC property lawn support it has some uh

185

00:10:33,949 --> 00:10:23,509

and launch Team we have kicked off a

186

00:10:33,959 --> 00:10:36,670

nope

187

00:10:44,509 --> 00:10:41,269

starting on page 142 Alpha 22 properly

188

00:10:51,949 --> 00:10:44,519

verify correct hpgn2 and helium valve

189

00:10:57,110 --> 00:10:54,530

uh it worked we were expecting a launch

190

00:11:01,730 --> 00:10:57,120

of the Antares rocket and cygnus cargo

191

00:11:03,829 --> 00:11:01,740

spacecraft today at 4 50 a.m however uh

192

00:11:06,470 --> 00:11:03,839

we are no go for launch and are going to

193

00:11:08,509 --> 00:11:06,480

do a 24-hour recycle we're going to try

194

00:11:10,310 --> 00:11:08,519

again tomorrow there's absolutely

195

00:11:14,329 --> 00:11:10,320

nothing wrong with the weather Crown

196

00:11:16,310 --> 00:11:14,339

systems rocket or signets itself this is

197

00:11:18,769 --> 00:11:16,320

actually something that's going on here

198

00:11:20,449 --> 00:11:18,779

on our Dulles control room um that's

199

00:11:22,430 --> 00:11:20,459

what Norfolk Grumman is using to control

200

00:11:24,050 --> 00:11:22,440

the cygnus spacecraft after payload

201  
00:11:25,550 --> 00:11:24,060  
separation

202  
00:11:28,370 --> 00:11:25,560  
um they had been hearing a fire alarm

203  
00:11:30,710 --> 00:11:28,380  
going off in their building and it was

204  
00:11:33,050 --> 00:11:30,720  
confirmed and required an evacuation of

205  
00:11:35,509 --> 00:11:33,060  
the control center staff so because

206  
00:11:37,970 --> 00:11:35,519  
Northrop Grumman is unable to be in the

207  
00:11:41,630 --> 00:11:37,980  
room for launch we will be scrubbing

208  
00:11:47,509 --> 00:11:44,210  
LC Ops 1 removal of global launch

209  
00:11:52,370 --> 00:11:49,550  
Insight control disarm tell rapid

210  
00:11:55,730 --> 00:11:52,380  
retract system

211  
00:11:57,470 --> 00:11:55,740  
and steps already and work with LCA on

212  
00:12:04,569 --> 00:11:57,480  
countdown too

213  
00:12:13,009 --> 00:12:08,870

lctlm archiving stopped and restarted

214

00:12:24,970 --> 00:12:16,430

Ops 1 transfer fpsa and ftsb to external

215

00:12:43,269 --> 00:12:29,449

LC Ops 1 fpsa and B external power on

216

00:12:49,970 --> 00:12:46,250

Ops one transfer avionics power to

217

00:12:52,190 --> 00:12:49,980

external LC Ops once again we will not

218

00:12:53,930 --> 00:12:52,200

be launching the Antares rocket and

219

00:12:55,569 --> 00:12:53,940

cygnus cargo spacecraft from NASA's

220

00:12:58,190 --> 00:12:55,579

Wallop Supply facility today

221

00:12:59,750 --> 00:12:58,200

unfortunately due to a fire alarm in the

222

00:13:02,449 --> 00:12:59,760

building of Northrop grumman's cygnus

223

00:13:04,250 --> 00:13:02,459

control room uh we're not able to get

224

00:13:06,050 --> 00:13:04,260

off the ground today

225

00:13:08,750 --> 00:13:06,060

weather is still looking good the

226

00:13:10,670 --> 00:13:08,760

vehicle is looking good that was the

227

00:13:12,290 --> 00:13:10,680

only issue being tracked today and for

228

00:13:14,449 --> 00:13:12,300

the safety of those in the Norfolk

229

00:13:16,790 --> 00:13:14,459

Grumman building we decided to call it

230

00:13:20,150 --> 00:13:16,800

for today the backup launch opportunity

231

00:13:25,670 --> 00:13:20,160

will be tomorrow Monday November 7th at

232

00:13:25,680 --> 00:13:30,710

uh CMD standby

233

00:13:36,430 --> 00:13:34,430

Ops one disable me1 and me2 TBC and eha

234

00:13:50,150 --> 00:13:36,440

buses

235

00:13:56,449 --> 00:13:52,730

this cargo spacecraft was set to deliver

236

00:13:57,530 --> 00:13:56,459

more than 1 200 pounds of cargo to the

237

00:13:59,269 --> 00:13:57,540

astronauts living aboard the

238

00:14:01,370 --> 00:13:59,279

## International Space Station

239

00:14:05,090 --> 00:14:01,380

concludes fuel scientific experiments

240

00:14:06,889 --> 00:14:05,100

and tools that they'll need however the

241

00:14:09,170 --> 00:14:06,899

International Space Station is stocked

242

00:14:11,690 --> 00:14:09,180

for several months in advance of

243

00:14:13,490 --> 00:14:11,700

additional cargo so a delay like today

244

00:14:14,810 --> 00:14:13,500

will not be a significant setback to the

245

00:14:17,930 --> 00:14:14,820

crew

246

00:14:21,410 --> 00:14:17,940

LM become configured for closed loop

247

00:14:25,550 --> 00:14:22,910

I see this is seeing that I can confirm

248

00:14:28,069 --> 00:14:25,560

a30 not required yes

249

00:14:30,710 --> 00:14:28,079

yes ground issue in Dallas control

250

00:14:31,970 --> 00:14:30,720

center we are scrubbing the launch for

251  
00:14:40,870 --> 00:14:31,980  
cygnus today

252  
00:14:47,569 --> 00:14:45,650  
yeah we're watching the gaming TV and we

253  
00:14:49,009 --> 00:14:47,579  
have waiting for tomorrow's launch

254  
00:14:52,689 --> 00:14:49,019  
thanks for the update

255  
00:14:56,509 --> 00:14:52,699  
power fpsa external power all

256  
00:15:00,290 --> 00:14:56,519  
fpsb external power off

257  
00:15:29,389 --> 00:15:04,610  
fso secure CT site and verify RF silence

258  
00:15:29,399 --> 00:15:32,269  
thank you

259  
00:15:38,030 --> 00:15:36,230  
the space station crew is awake it's

260  
00:15:38,930 --> 00:15:38,040  
their day off today it's a weekend for

261  
00:15:40,490 --> 00:15:38,940  
them

262  
00:15:42,410 --> 00:15:40,500  
they're still in communication with

263  
00:15:44,509 --> 00:15:42,420

Mission Control here on the ground they

264

00:15:47,870 --> 00:15:44,519

did have live views of today's launch

265

00:15:50,269 --> 00:15:47,880

available to them and our Capcom today

266

00:15:52,250 --> 00:15:50,279

just informed the crew that

267

00:15:54,050 --> 00:15:52,260

we are standing down from today's launch

268

00:16:00,850 --> 00:15:54,060

attempt of Northrop grumman's 18th

269

00:16:00,860 --> 00:16:08,150

LC CT sight key down RF silence verified

270

00:16:08,160 --> 00:16:17,329

step Alpha 37

271

00:16:17,339 --> 00:16:20,750

Alpha 38

272

00:16:27,590 --> 00:16:24,590

launch abort was a manual scrub

273

00:16:30,290 --> 00:16:27,600

at L minus 11 minutes

274

00:17:55,070 --> 00:16:30,300

and that is due to a fire at the Dulles

275

00:18:03,409 --> 00:17:58,190

up Swan Alpha 41 remove external power

276  
00:18:03,419 --> 00:18:12,830  
LC Ops 2 in work

277  
00:18:16,970 --> 00:18:14,990  
stage one Telemetry transmitter external

278  
00:18:19,070 --> 00:18:16,980  
power is off

279  
00:18:21,230 --> 00:18:19,080  
motor cone transmitter external power is

280  
00:18:25,549 --> 00:18:23,150  
avionics Telemetry transmitter external

281  
00:18:29,570 --> 00:18:25,559  
power off

282  
00:18:32,270 --> 00:18:29,580  
SMI power A and B external power is off

283  
00:18:34,610 --> 00:18:32,280  
a41 complete

284  
00:18:37,669 --> 00:18:34,620  
copy elect one verified transmitter

285  
00:18:37,679 --> 00:18:49,070  
LC electron in work

286  
00:18:53,690 --> 00:18:51,289  
I'll see you look one transmitter power

287  
00:18:57,470 --> 00:18:53,700  
dissolve the vehicle

288  
00:19:14,270 --> 00:18:57,480

and NASA PM c-band interrogation turn

289

00:19:14,280 --> 00:19:18,830

and NASA PM LCN countdown one

290

00:19:23,750 --> 00:19:20,810

NASA PM go

291

00:19:25,850 --> 00:19:23,760

step Alpha 43 CC band interrogation turn

292

00:19:35,990 --> 00:19:25,860

off DM recorders

293

00:19:42,770 --> 00:19:40,909

site control verify or set valve 5258 to

294

00:19:49,850 --> 00:19:42,780

zero percent open

295

00:19:55,070 --> 00:19:52,730

up one place occs into Sac mode stop

296

00:20:00,169 --> 00:19:55,080

charging of engine helium bottles

297

00:20:08,990 --> 00:20:03,830

LC NASA pm go ahead p.m sir

298

00:20:09,000 --> 00:20:27,890

copy check step Alpha 43.

299

00:20:38,690 --> 00:20:29,930

I don't see prop one

300

00:20:43,789 --> 00:20:42,169

so we are live at NASA's Wallops Flight

301

00:20:46,909 --> 00:20:43,799

Facility at the Mid-Atlantic Regional

302

00:20:48,890 --> 00:20:46,919

Spaceport launch pad 0a and the Antares

303

00:20:51,289 --> 00:20:48,900

rocket and cygnus cargo spacecraft are

304

00:20:54,610 --> 00:20:51,299

on your screen now we were anticipating

305

00:20:57,730 --> 00:20:54,620

a launch at 4 50 a.m central time

306

00:21:00,110 --> 00:20:57,740

however we had to scrub the launch today

307

00:21:01,430 --> 00:21:00,120

we stood down from the attempt not

308

00:21:02,810 --> 00:21:01,440

because of anything wrong with the

309

00:21:04,850 --> 00:21:02,820

rocket the countdown was performing

310

00:21:08,029 --> 00:21:04,860

nominally we're moving through all the

311

00:21:10,070 --> 00:21:08,039

Milestones however there was an issue in

312

00:21:12,770 --> 00:21:10,080

the Northrop Grumman cygnus control room

313

00:21:15,169 --> 00:21:12,780

in Dulles Virginia they experienced a

314

00:21:17,810 --> 00:21:15,179

fire alarm and Personnel had to evacuate

315

00:21:19,669 --> 00:21:17,820

the building they're unable to catch the

316

00:21:22,610 --> 00:21:19,679

launch today and they needed to control

317

00:21:25,370 --> 00:21:22,620

the cygnus cargo spacecraft at payload

318

00:21:27,529 --> 00:21:25,380

separation I expected 8 minutes and 52

319

00:21:29,570 --> 00:21:27,539

seconds after the flight our thoughts

320

00:21:31,850 --> 00:21:29,580

are with their team there and their

321

00:21:36,289 --> 00:21:31,860

safety is of the utmost importance so we

322

00:21:41,570 --> 00:21:38,870

thank you LD we'll be back live with you

323

00:21:43,970 --> 00:21:41,580

on NASA TV with coverage starting at 4am

324

00:21:52,130 --> 00:21:43,980

Central Time 5 a.m Eastern for a launch

325

00:21:56,810 --> 00:21:54,049

that would result in a rendezvous and

326

00:21:59,750 --> 00:21:56,820

capture Wednesday November 9th with NASA

327

00:22:02,450 --> 00:21:59,760

TV coverage at 2 30 a.m Central Time 3

328

00:22:05,810 --> 00:22:02,460

30 a.m Eastern capture is expected

329

00:22:08,950 --> 00:22:05,820

around 405 a.m Central or 505 a.m

330

00:22:13,130 --> 00:22:11,149

continuing on after that installation

331

00:22:15,169 --> 00:22:13,140

coverage by robotics controllers here on

332

00:22:20,810 --> 00:22:15,179

the ground will begin at 6 15 a.m

333

00:22:32,930 --> 00:22:23,690

again that is on November 9th

334

00:22:39,110 --> 00:22:35,510

go ahead tlm

335

00:22:42,890 --> 00:22:39,120

or clarification a step A40 is not

336

00:22:46,970 --> 00:22:44,149

foreign

337

00:22:48,529 --> 00:22:46,980

right now launch teams in the range

338

00:22:50,690 --> 00:22:48,539

control center at NASA's wall of Sly

339

00:22:53,750 --> 00:22:50,700

facility are getting the rocket ready

340

00:22:57,350 --> 00:22:53,760

for a reset tomorrow for launch at 4 27

341

00:22:59,450 --> 00:22:57,360

a.m Central 5 27 a.m Eastern here in

342

00:23:01,370 --> 00:22:59,460

Mission Control we've got on the

343

00:23:02,830 --> 00:23:01,380

continue honor activities for the

344

00:23:05,630 --> 00:23:02,840

International Space Station for today

345

00:23:06,529 --> 00:23:05,640

and we'll be in position tomorrow once

346

00:23:08,090 --> 00:23:06,539

again

347

00:23:12,649 --> 00:23:08,100

thank you for joining us this is Mission