



1
00:01:43,990 --> 00:01:41,270
linus houston good morning

2
00:01:47,830 --> 00:01:46,230
born in chile that was uh

3
00:01:49,190 --> 00:01:47,840
brass rhythm and reed playing jumping at

4
00:02:03,190 --> 00:01:49,200
the woodside linda should be pretty

5
00:02:14,949 --> 00:02:06,069
welcome linda you're going to have a pfc

6
00:02:14,959 --> 00:03:39,430
okay

7
00:03:43,030 --> 00:03:41,350
yeah chilly

8
00:03:45,030 --> 00:03:43,040
first of all some big picture words the

9
00:03:47,190 --> 00:03:45,040
mmt

10
00:03:49,190 --> 00:03:47,200
has decided this morning

11
00:03:51,030 --> 00:03:49,200
or this afternoon actually your morning

12
00:03:54,710 --> 00:03:51,040
to protect the option

13
00:03:59,350 --> 00:03:56,869

the decision the final decision won't

14

00:04:02,309 --> 00:03:59,360

occur for at least another nine ten

15

00:04:04,390 --> 00:04:02,319

hours that's late in your pre-sleep

16

00:04:05,429 --> 00:04:04,400

so we need to protect that option we

17

00:04:07,190 --> 00:04:05,439

realize

18

00:04:41,830 --> 00:04:07,200

how busy you are and how much you have

19

00:04:48,070 --> 00:04:44,390

battery transfer bag

20

00:04:49,350 --> 00:04:48,080

it says stowage bag assembly spectra

21

00:04:51,110 --> 00:04:49,360

and the

22

00:04:53,510 --> 00:04:51,120

it happens also be a serial number zero

23

00:04:54,870 --> 00:04:53,520

zero one but it's the sed number four

24

00:04:58,230 --> 00:04:54,880

six one

25

00:06:24,390 --> 00:04:58,240

zero nine seven five four dash seven

26

00:06:34,230 --> 00:06:25,990

okay dave i got the kid let me open it

27

00:06:38,550 --> 00:06:36,790

maybe this uh this might point out a a

28

00:06:41,270 --> 00:06:38,560

shortcoming where we might need to mark

29

00:06:43,029 --> 00:06:41,280

on the kits an up and down uh

30

00:06:44,870 --> 00:06:43,039

mission that they come up and down on uh

31

00:06:47,510 --> 00:06:44,880

just a thought that you know can be

32

00:06:49,029 --> 00:06:47,520

erased and refilled in

33

00:06:50,550 --> 00:06:49,039

yeah i think we've run into a glitch

34

00:06:53,270 --> 00:06:50,560

here

35

00:06:56,950 --> 00:06:53,280

we did have it signed off a few days ago

36

00:07:00,070 --> 00:06:58,230

thanks for checking out hey dave and i

37

00:07:02,710 --> 00:07:00,080

got a couple more questions for you uh

38

00:07:04,710 --> 00:07:02,720

like i mentioned earlier 30 uh empty

39

00:07:06,790 --> 00:07:04,720

food containers are stowed and have

40

00:07:08,629 --> 00:07:06,800

talked to yuri and he said he may have

41

00:07:12,309 --> 00:07:08,639

two or three more and we got plenty of

42

00:07:12,319 --> 00:07:16,629

in fact they just brought three over

43

00:07:23,189 --> 00:07:20,230

we're expecting up to 36 chile so uh

44

00:07:26,950 --> 00:07:25,589

okay and then item 47 on u.s science

45

00:07:29,510 --> 00:07:26,960

return

46

00:07:31,510 --> 00:07:29,520

uh cristal target we got the base plate

47

00:07:33,909 --> 00:07:31,520

and the standoff across your message

48

00:07:38,150 --> 00:07:33,919

said bolts and washers there are no are

49

00:07:38,160 --> 00:07:46,629

okay we'll write that down thanks

50

00:07:51,670 --> 00:07:49,029

one late piece of data now on the hi kit

51

00:07:57,430 --> 00:07:51,680
the new one should say nasa 2

52

00:08:02,070 --> 00:07:59,189
and so

53

00:08:04,070 --> 00:08:02,080
perhaps this is one that is looks brand

54

00:08:55,590 --> 00:08:04,080
new but hasn't been used

55

00:09:02,230 --> 00:08:57,269
atlantis mayor this is houston are you

56

00:09:02,240 --> 00:09:05,590
yeah bill we're ready

57

00:09:10,070 --> 00:09:07,750
cbs this is houston please call atlanta

58

00:09:12,870 --> 00:09:10,080
smear for a voice check complicated and

59

00:09:15,030 --> 00:09:12,880
it sounds as if the astronauts are

60

00:09:19,750 --> 00:09:15,040
coming into focus so to speak atlanta

61

00:09:27,670 --> 00:09:22,470
pbs we hear you loud and clear good

62

00:09:30,710 --> 00:09:29,269
good morning

63

00:09:31,990 --> 00:09:30,720

we'll warn our audience there is a

64

00:09:33,430 --> 00:09:32,000

little bit of a delay in our

65

00:09:35,269 --> 00:09:33,440

conversation because of the

66

00:09:36,949 --> 00:09:35,279

communications required let me just get

67

00:09:38,710 --> 00:09:36,959

the introductions out of the way we're

68

00:09:40,389 --> 00:09:38,720

joined by three astronauts this morning

69

00:09:42,470 --> 00:09:40,399

and one of their russian crewmates they

70

00:09:43,750 --> 00:09:42,480

are shuttled atlantis commander colonel

71

00:09:45,350 --> 00:09:43,760

kevin chilton

72

00:09:47,509 --> 00:09:45,360

mission specialist lieutenant colonel

73

00:09:49,590 --> 00:09:47,519

rich clifford mission specialist linda

74

00:09:51,350 --> 00:09:49,600

godwin and the commander of the mirror

75

00:09:54,550 --> 00:09:51,360

station lieutenant colonel yuri

76

00:09:58,550 --> 00:09:54,560

onyufrico brienko excuse me thank you

77

00:10:02,389 --> 00:10:00,630

it's our pleasure we're glad you're here

78

00:10:05,030 --> 00:10:02,399

commander cheltenham

79

00:10:06,790 --> 00:10:05,040

you and ask you to tell us and our

80

00:10:11,590 --> 00:10:06,800

audience what the significance of the

81

00:10:15,190 --> 00:10:13,110

well there's several uh significant

82

00:10:17,750 --> 00:10:15,200

points to our mission uh bringing

83

00:10:19,750 --> 00:10:17,760

shannon up and starting a first

84

00:10:21,750 --> 00:10:19,760

permanent uh presence in space for the

85

00:10:23,590 --> 00:10:21,760

u.s uh space program

86

00:10:25,030 --> 00:10:23,600

is uh certainly one of the big events

87

00:10:26,949 --> 00:10:25,040

that we've done here accomplished on

88

00:10:28,790 --> 00:10:26,959

this mission and it will kind of be the

89

00:10:31,269 --> 00:10:28,800

culmination of that uh event when we

90

00:10:33,509 --> 00:10:31,279

close the hatch today and uh at least

91

00:10:35,269 --> 00:10:33,519

and prepare for our undocking early

92

00:10:37,110 --> 00:10:35,279

tomorrow morning on our day

93

00:10:39,590 --> 00:10:37,120

uh the other uh another big thing we've

94

00:10:41,990 --> 00:10:39,600

done is we've transferred over two tons

95

00:10:44,630 --> 00:10:42,000

of supplies uh water

96

00:10:45,910 --> 00:10:44,640

and uh equipment to uh the mir space

97

00:10:48,470 --> 00:10:45,920

station which is really a first for the

98

00:10:51,269 --> 00:10:48,480

u.s program to bring up that uh larger

99

00:10:53,670 --> 00:10:51,279

quantity of equipment and then the other

100

00:10:55,350 --> 00:10:53,680

great first that we did on this flight

101
00:10:57,509 --> 00:10:55,360
which if i don't mention i'm going to

102
00:10:59,670 --> 00:10:57,519
get poked in the head on either side it

103
00:11:03,269 --> 00:10:59,680
was accomplished by rich and linda here

104
00:11:05,030 --> 00:11:03,279
who made the first uh eba by a u.s team

105
00:11:07,590 --> 00:11:05,040
from the space shuttle while docked to a

106
00:11:10,230 --> 00:11:07,600
space station and this is really

107
00:11:12,310 --> 00:11:10,240
a kind of the beginning or one of the

108
00:11:13,750 --> 00:11:12,320
key elements of the construction of that

109
00:11:15,190 --> 00:11:13,760
we need to show that we can do for the

110
00:11:16,790 --> 00:11:15,200
construction of the international space

111
00:11:21,430 --> 00:11:16,800
station and they did it with flying

112
00:11:24,949 --> 00:11:23,030
you've all been in space before i

113
00:11:26,870 --> 00:11:24,959

believe

114

00:11:29,590 --> 00:11:26,880

except for

115

00:11:32,790 --> 00:11:29,600

lieutenant colonel on your franco does

116

00:11:37,430 --> 00:11:32,800

it seem the same as in the past or um

117

00:11:41,990 --> 00:11:40,389

let me answer that uh two ways one is uh

118

00:11:43,430 --> 00:11:42,000

commander a franco it might be his first

119

00:11:46,630 --> 00:11:43,440

flight but he's got more days in space

120

00:11:48,870 --> 00:11:47,750

and uh

121

00:11:50,870 --> 00:11:48,880

the uh

122

00:11:52,629 --> 00:11:50,880

the experience changes each time you

123

00:11:55,110 --> 00:11:52,639

come up i've flown with kevin and linda

124

00:11:56,470 --> 00:11:55,120

before on my second flight and it was uh

125

00:11:58,470 --> 00:11:56,480

remarkable it was an earth observing

126

00:11:59,990 --> 00:11:58,480

mission this one had its uh different uh

127

00:12:02,150 --> 00:12:00,000

moments uh joining up with another

128

00:12:04,389 --> 00:12:02,160

spacecraft is just phenomenal it's

129

00:12:06,310 --> 00:12:04,399

something you can't ever forget but the

130

00:12:08,150 --> 00:12:06,320

physical reactions are pretty much the

131

00:12:09,670 --> 00:12:08,160

same each time but the

132

00:12:11,110 --> 00:12:09,680

psychological and the mental factors

133

00:12:13,670 --> 00:12:11,120

that you take back with you the memories

134

00:12:15,910 --> 00:12:13,680

are uh are just cherished

135

00:12:18,470 --> 00:12:15,920

commander chilton it must be kind of

136

00:12:20,389 --> 00:12:18,480

hard to leave shannon lucid behind she's

137

00:12:21,910 --> 00:12:20,399

going to be up there on mir for quite

138

00:12:23,670 --> 00:12:21,920

some time i know that this was the

139

00:12:25,990 --> 00:12:23,680

intent and that was what was planned but

140

00:12:29,110 --> 00:12:26,000

just the same it must be kind of hard to

141

00:12:33,350 --> 00:12:31,110

absolutely we're going to miss shannon

142

00:12:34,629 --> 00:12:33,360

both personally certainly in a personal

143

00:12:36,790 --> 00:12:34,639

manner but i'll tell you what as the

144

00:12:38,870 --> 00:12:36,800

commander you know shannon spent the

145

00:12:40,710 --> 00:12:38,880

last 14 months before lunch in russia

146

00:12:42,470 --> 00:12:40,720

and she only came back three weeks prior

147

00:12:43,829 --> 00:12:42,480

to the launch of the shuttle so she'd

148

00:12:46,150 --> 00:12:43,839

been completely away from the shuttle

149

00:12:48,389 --> 00:12:46,160

program for a long time and she just fit

150

00:12:50,829 --> 00:12:48,399

in you know just so perfectly with this

151
00:12:53,990 --> 00:12:50,839
crew and has contributed so much to the

152
00:12:55,670 --> 00:12:54,000
sts-76 crew mission here on orbit and i

153
00:12:57,509 --> 00:12:55,680
know she's going to do the same thing

154
00:12:58,870 --> 00:12:57,519
for the mir 21 crew which she's now a

155
00:13:00,550 --> 00:12:58,880
member of

156
00:13:01,670 --> 00:13:00,560
and but again i'd like to emphasize i

157
00:13:03,190 --> 00:13:01,680
think everyone's going to feel kind of

158
00:13:04,389 --> 00:13:03,200
sad tomorrow when we when we close the

159
00:13:06,310 --> 00:13:04,399
hatch and say goodbye to our friend

160
00:13:08,790 --> 00:13:06,320
shannon and not only shannon but but

161
00:13:10,470 --> 00:13:08,800
yuri and yuri uh we've these guys are

162
00:13:12,310 --> 00:13:10,480
great fellas and we've all come very

163
00:13:15,190 --> 00:13:12,320

close up here

164

00:13:17,670 --> 00:13:15,200

this will be the first time that uh any

165

00:13:20,629 --> 00:13:17,680

american spacecraft has ever come back

166

00:13:23,190 --> 00:13:20,639

without one of its crew members

167

00:13:25,269 --> 00:13:23,200

you must see this as quite a milestone

168

00:13:26,710 --> 00:13:25,279

is it for you like a division between

169

00:13:28,310 --> 00:13:26,720

the space program the way it's always

170

00:13:30,550 --> 00:13:28,320

been and what's coming up now with the

171

00:13:33,670 --> 00:13:30,560

space station and a permanent presence

172

00:13:36,790 --> 00:13:34,949

i space you'd normally get in trouble

173

00:13:38,310 --> 00:13:36,800

for coming back one person short but on

174

00:13:39,110 --> 00:13:38,320

this time i think we'll get a pat on the

175

00:13:41,509 --> 00:13:39,120

back

176

00:13:43,430 --> 00:13:41,519

um but if someone put it better than i

177

00:13:44,949 --> 00:13:43,440

before we launched uh another another

178

00:13:47,350 --> 00:13:44,959

astronaut they came up to me and said do

179

00:13:48,470 --> 00:13:47,360

you realize that for the first time in

180

00:13:50,310 --> 00:13:48,480

the shuttle program you guys are

181

00:13:51,829 --> 00:13:50,320

actually going someplace

182

00:13:53,110 --> 00:13:51,839

uh you're not just going up and down

183

00:13:55,670 --> 00:13:53,120

you're going someplace and you have a

184

00:13:57,670 --> 00:13:55,680

place to stop and do something at uh in

185

00:13:59,350 --> 00:13:57,680

the middle of this mission and uh when

186

00:14:01,590 --> 00:13:59,360

you think of in that regard i think this

187

00:14:03,670 --> 00:14:01,600

is a milestone uh

188

00:14:06,710 --> 00:14:03,680

in that it is the beginning of this

189

00:14:08,310 --> 00:14:06,720

permanent presence here and uh and and

190

00:14:10,790 --> 00:14:08,320

we hope to keep this presence that

191

00:14:12,710 --> 00:14:10,800

continued on u.s presence in space on

192

00:14:14,470 --> 00:14:12,720

through the mere phase one program and

193

00:14:22,870 --> 00:14:14,480

right on into the phase two which is the

194

00:14:27,350 --> 00:14:25,590

nasa managers here are considering

195

00:14:29,430 --> 00:14:27,360

shortening your mission and bringing you

196

00:14:30,790 --> 00:14:29,440

back a little early

197

00:14:32,949 --> 00:14:30,800

i imagine you'd have to be a little bit

198

00:14:36,790 --> 00:14:32,959

disappointed losing a day in space if in

199

00:14:41,269 --> 00:14:39,430

well we've all flown before and

200

00:14:43,030 --> 00:14:41,279

personally you know i'm i'm

201
00:14:44,870 --> 00:14:43,040
anxious to get home and see my family i

202
00:14:46,550 --> 00:14:44,880
always am when i'm away and i think

203
00:14:48,790 --> 00:14:46,560
other people maybe share the same

204
00:14:50,310 --> 00:14:48,800
feeling so now one day earlier is not

205
00:14:51,910 --> 00:14:50,320
that big a thing in the grand scheme and

206
00:14:53,269 --> 00:14:51,920
i'll tell you one person who's not

207
00:14:54,949 --> 00:14:53,279
feeling too bad about us getting back

208
00:14:57,430 --> 00:14:54,959
early that's shannon because that just

209
00:14:59,350 --> 00:14:57,440
means it's one extra day in an earlier

210
00:15:00,710 --> 00:14:59,360
occasion that the kennedy space center

211
00:15:03,269 --> 00:15:00,720
folks will have to get working on

212
00:15:05,350 --> 00:15:03,279
atlantis and as you as you may not know

213
00:15:06,470 --> 00:15:05,360

that's her ride home is atlanta so we

214

00:15:08,069 --> 00:15:06,480

got it we got to get her back on the

215

00:15:16,550 --> 00:15:08,079

ground and get working on her and get

216

00:15:20,310 --> 00:15:18,310

well we certainly appreciate you taking

217

00:15:22,470 --> 00:15:20,320

the time out of your busy work day to

218

00:15:24,150 --> 00:15:22,480

join us on up to the minute good luck

219

00:15:26,550 --> 00:15:24,160

with the rest of the mission

220

00:15:28,949 --> 00:15:26,560

thank you take care

221

00:15:30,389 --> 00:15:28,959

and houston cbs thank you very much and

222

00:15:32,150 --> 00:15:30,399

uh

223

00:15:33,350 --> 00:15:32,160

thanks for coming on board thanks for

224

00:15:35,670 --> 00:15:33,360

dania

225

00:15:37,829 --> 00:15:35,680

houston cbs that concludes the event

226

00:15:49,030 --> 00:15:37,839

they told us to say that exactly

227

00:15:49,040 --> 00:15:54,150

and chili zoomed in it looks real good

228

00:16:07,269 --> 00:15:56,230

okay we'll uh bring it back out and

229

00:16:07,279 --> 00:16:17,110

how's it look now bill

230

00:16:17,120 --> 00:16:20,069

you look marvelous

231

00:16:20,079 --> 00:16:23,990

okay thanks for your help

232

00:16:27,749 --> 00:16:25,749

and i guess i'd like to begin by saying

233

00:16:30,230 --> 00:16:27,759

this is kind of a bittersweet moment for

234

00:16:31,590 --> 00:16:30,240

us and uh one also filled with a lot of

235

00:16:32,710 --> 00:16:31,600

satisfaction

236

00:16:36,069 --> 00:16:32,720

um

237

00:16:37,749 --> 00:16:36,079

we've had a wonderful time on the the uh

238

00:16:39,910 --> 00:16:37,759

near atlantis complex here and it

239

00:16:42,790 --> 00:16:39,920
started off just fantastic with the

240

00:16:45,350 --> 00:16:42,800
warmest welcome anyone can imagine from

241

00:16:47,030 --> 00:16:45,360
yuria dean and yuri davao

242

00:16:51,829 --> 00:16:47,040
and

243

00:16:54,069 --> 00:16:51,839
with a great working relationship

244

00:16:56,629 --> 00:16:54,079
between the two crews and certainly the

245

00:16:58,790 --> 00:16:56,639
sense of satisfaction uh that we feel

246

00:17:02,389 --> 00:16:58,800
for having uh got the job done is is

247

00:17:05,429 --> 00:17:02,399
tremendous and uh ron sega who is my

248

00:17:07,750 --> 00:17:05,439
payload commander has been sweating the

249

00:17:10,789 --> 00:17:07,760
transfer both to and from here from the

250

00:17:12,069 --> 00:17:10,799
shuttle perspective and my yuri and yuri

251
00:17:13,909 --> 00:17:12,079
have been working it real hard on the

252
00:17:16,069 --> 00:17:13,919
mirror side and it's been a great team

253
00:17:18,789 --> 00:17:16,079
effort and i think we're there

254
00:17:20,549 --> 00:17:18,799
that's that's the satisfaction part

255
00:17:22,710 --> 00:17:20,559
uh truly the uh

256
00:17:25,909 --> 00:17:22,720
the sad part will be to bid farewell to

257
00:17:28,870 --> 00:17:25,919
shannon and yuri and yuri uh this is a

258
00:17:30,470 --> 00:17:28,880
tremendous team uh we're gonna miss them

259
00:17:32,070 --> 00:17:30,480
um you know

260
00:17:35,510 --> 00:17:32,080
we know we'll see shannon again when she

261
00:17:37,750 --> 00:17:35,520
comes back on stef79 but uh but there's

262
00:17:40,630 --> 00:17:37,760
a big ocean between russia and america

263
00:17:42,630 --> 00:17:40,640

and uh it and i'm we're not all so

264

00:17:44,390 --> 00:17:42,640

confident there sure are certain i

265

00:17:54,630 --> 00:17:44,400

should say that we'll ever see our two

266

00:17:54,640 --> 00:18:05,990

one person

267

00:18:11,430 --> 00:18:08,870

and with that houston uh we will bid the

268

00:18:13,669 --> 00:18:11,440

formal farewell

269

00:18:16,150 --> 00:18:13,679

and i'd like to extend my thanks to soup

270

00:18:24,150 --> 00:18:16,160

in moscow for their great support

271

00:18:29,190 --> 00:18:26,830

like that kid kenneth said some good

272

00:18:30,070 --> 00:18:29,200

words it's been a very high pressure

273

00:18:32,470 --> 00:18:30,080

time

274

00:18:35,029 --> 00:18:32,480

to do the work

275

00:18:36,390 --> 00:18:35,039

we worked not five days

276

00:18:38,310 --> 00:18:36,400

only five days

277

00:18:55,350 --> 00:18:38,320

and we maintained our regime and moved

278

00:19:00,470 --> 00:18:57,430

of 76.

279

00:19:02,789 --> 00:19:00,480

we've alone for five days and

280

00:19:07,430 --> 00:19:02,799

we just don't believe that in in just a

281

00:19:12,310 --> 00:19:10,470

that's the sts-76

282

00:19:13,750 --> 00:19:12,320

we'll go through the

283

00:19:21,270 --> 00:19:13,760

docking module

284

00:19:25,830 --> 00:19:24,470

we will observe each other

285

00:19:28,470 --> 00:19:25,840

only through the portholes they'll be

286

00:19:29,510 --> 00:19:28,480

looking at us we'll be looking at them

287

00:19:31,669 --> 00:19:29,520

and then

288

00:19:34,070 --> 00:19:31,679

we'll be in the base block

289

00:19:36,390 --> 00:19:34,080

it'll be sad too

290

00:19:49,350 --> 00:19:36,400

say farewell to such a great

291

00:19:54,789 --> 00:19:52,310

my thanks to the mission control centers

292

00:19:56,870 --> 00:19:54,799

in moscow and in houston

293

00:19:58,310 --> 00:19:56,880

they have done quite a bit to help us in

294

00:19:59,430 --> 00:19:58,320

consulting with us

295

00:20:01,750 --> 00:19:59,440

it's been

296

00:20:03,430 --> 00:20:01,760

work well done

297

00:20:14,549 --> 00:20:03,440

and a good example of how we can and

298

00:20:22,630 --> 00:20:16,870

we have managed to come closer together

299

00:20:24,950 --> 00:20:24,149

it would be great if flights like this

300

00:20:30,070 --> 00:20:24,960

could

301
00:20:31,270 --> 00:20:30,080
several days but shannon is with us now

302
00:20:33,430 --> 00:20:31,280
and she's going to be with us for four

303
00:20:34,789 --> 00:20:33,440
and a half months and and we'll do the

304
00:20:38,390 --> 00:20:34,799
good work that needs to be done thank

305
00:20:42,470 --> 00:20:40,070
and houston if you'll excuse us now

306
00:20:43,990 --> 00:20:42,480
we'll update our personal farewells and

307
00:20:46,630 --> 00:20:44,000
finish up the last little bit of work

308
00:20:48,549 --> 00:20:46,640
before uh before we close the hatch uh

309
00:20:49,750 --> 00:20:48,559
thank you very much for for joining us

310
00:20:52,950 --> 00:20:49,760
aboard the

311
00:20:54,310 --> 00:20:52,960
base block here for fcs 76 and near tony

312
00:21:13,270 --> 00:20:54,320
once farewell

313
00:21:17,110 --> 00:21:14,830

houston is that these

314

00:21:19,029 --> 00:21:17,120

uh uh

315

00:21:21,110 --> 00:21:19,039

photographs or pictures i'm sorry

316

00:21:23,590 --> 00:21:21,120

emblems uh have a spot on here for every

317

00:21:25,990 --> 00:21:23,600

single one of the phase one joint

318

00:21:27,510 --> 00:21:26,000

flights and uh shannon i think will have

319

00:21:31,270 --> 00:21:27,520

the unique position to have her name on

320

00:21:42,230 --> 00:21:31,280

here four times as a member of the 76 79

321

00:21:47,350 --> 00:21:45,270

well chile imagine that