



1  
00:00:08,870 --> 00:00:07,430  
still is just like all the other bags

2  
00:00:11,350 --> 00:00:08,880  
you have a mate you'll have a map on top

3  
00:00:13,990 --> 00:00:11,360  
to show exactly where everything

4  
00:00:15,589 --> 00:00:14,000  
can be found and also a good aid for uh

5  
00:00:18,150 --> 00:00:15,599  
restowage when you're trying to put

6  
00:00:20,310 --> 00:00:18,160  
stuff back for a return

7  
00:00:22,630 --> 00:00:20,320  
second this bag moves lives on the mid

8  
00:00:24,870 --> 00:00:22,640  
deck uh usually in the

9  
00:00:26,870 --> 00:00:24,880  
camera yeah camera lockers usually 57

10  
00:00:28,950 --> 00:00:26,880  
row about second locker down with a 35

11  
00:00:31,029 --> 00:00:28,960  
camera they always go in the same locker

12  
00:00:34,229 --> 00:00:31,039  
all of your stuff is not in here however

13  
00:00:36,310 --> 00:00:34,239

because we carry extra mags and film in

14

00:00:38,150 --> 00:00:36,320

the locker adjacent to it where the

15

00:00:39,910 --> 00:00:38,160

fluorescent light is in your 70 mags

16

00:00:41,990 --> 00:00:39,920

we'll have additional film cans and

17

00:00:44,069 --> 00:00:42,000

magazines in there we'll talk about that

18

00:00:47,830 --> 00:00:44,079

here

19

00:00:49,510 --> 00:00:47,840

the battery

20

00:00:51,110 --> 00:00:49,520

would be under the finder here

21

00:00:53,110 --> 00:00:51,120

and we the battery is too big to put on

22

00:00:54,790 --> 00:00:53,120

the camera we've got that new

23

00:00:57,430 --> 00:00:54,800

double a type battery and it's just too

24

00:00:59,510 --> 00:00:57,440

big to stow on the camera so we

25

00:01:01,590 --> 00:00:59,520

keep it down in the pocket

26  
00:01:02,950 --> 00:01:01,600  
the camera is stowed with the 5.9 lens

27  
00:01:05,429 --> 00:01:02,960  
on it we'll talk about the lenses you

28  
00:01:07,030 --> 00:01:05,439  
know separately later but that was to

29  
00:01:09,030 --> 00:01:07,040  
help our stowage situation out when we

30  
00:01:15,830 --> 00:01:09,040  
had to move the battery into its own

31  
00:01:18,630 --> 00:01:16,870  
okay

32  
00:01:20,630 --> 00:01:18,640  
this is the basic camera

33  
00:01:21,670 --> 00:01:20,640  
and you know itself it's not too bad

34  
00:01:22,950 --> 00:01:21,680  
it's unfortunate when you get the

35  
00:01:24,870 --> 00:01:22,960  
battery and the mag and film and all

36  
00:01:28,310 --> 00:01:24,880  
that stuff on there it becomes a bear

37  
00:01:29,590 --> 00:01:28,320  
it's about 23 pounds and that's just not

38  
00:01:31,030 --> 00:01:29,600

a lot of fun to tote around your

39

00:01:32,870 --> 00:01:31,040

shoulder in one g

40

00:01:34,550 --> 00:01:32,880

consequently we

41

00:01:35,990 --> 00:01:34,560

use the camcorders to try to train in

42

00:01:37,990 --> 00:01:36,000

cinematography

43

00:01:39,109 --> 00:01:38,000

we've got six

44

00:01:41,190 --> 00:01:39,119

sony

45

00:01:43,749 --> 00:01:41,200

camcorders on order right now we've got

46

00:01:44,469 --> 00:01:43,759

a couple of the old co divisions that

47

00:01:45,910 --> 00:01:44,479

are

48

00:01:48,389 --> 00:01:45,920

still working the only one or two of

49

00:01:51,270 --> 00:01:48,399

them and we'll try to augment your eight

50

00:01:54,789 --> 00:01:52,310

eight millimeters it's just like the one

51  
00:01:57,109 --> 00:01:54,799  
we're flying on the dto 130 and try to

52  
00:01:58,630 --> 00:01:57,119  
augment your cinematography with that

53  
00:02:00,310 --> 00:01:58,640  
checklist yes

54  
00:02:01,270 --> 00:02:00,320  
absolutely set that thing up for the

55  
00:02:03,270 --> 00:02:01,280  
deploy

56  
00:02:05,190 --> 00:02:03,280  
every place in checklist that we call

57  
00:02:07,510 --> 00:02:05,200  
airflex out we have a note in the

58  
00:02:09,190 --> 00:02:07,520  
comments too you know

59  
00:02:10,309 --> 00:02:09,200  
to either have the filter on the easy

60  
00:02:12,229 --> 00:02:10,319  
way to remember the filters like pair of

61  
00:02:14,229 --> 00:02:12,239  
sunglasses sunlight you could have

62  
00:02:15,430 --> 00:02:14,239  
sunglasses on so

63  
00:02:19,589 --> 00:02:15,440

easy tool

64

00:02:23,030 --> 00:02:21,030

okay

65

00:02:25,830 --> 00:02:23,040

you have fuses in here you have a 0.75

66

00:02:26,790 --> 00:02:25,840

amp fuse

67

00:02:28,869 --> 00:02:26,800

and a

68

00:02:33,589 --> 00:02:28,879

10 amp fuse that protects camera

69

00:02:36,949 --> 00:02:34,550

wow

70

00:02:40,550 --> 00:02:36,959

10 amp and 0.75 they're marked to 10 and

71

00:02:41,830 --> 00:02:40,560

0. and 0.75 on the uh on the fuses

72

00:02:43,589 --> 00:02:41,840

themselves

73

00:02:46,390 --> 00:02:43,599

that's just that's the order obviously

74

00:02:47,350 --> 00:02:46,400

well we've um we have called airflex and

75

00:02:48,630 --> 00:02:47,360

we've read all their literature and

76

00:02:51,270 --> 00:02:48,640

we've gotten conflicting information

77

00:02:52,790 --> 00:02:51,280

there so i i i kind of danced around

78

00:02:54,390 --> 00:02:52,800

that issue in the workbook because it

79

00:02:56,710 --> 00:02:54,400

was conflicting

80

00:02:57,430 --> 00:02:56,720

they keep saying camera electronics

81

00:02:59,190 --> 00:02:57,440

so

82

00:03:01,270 --> 00:02:59,200

we pull the fuses at various times to

83

00:03:04,390 --> 00:03:01,280

see what stops and basically most

84

00:03:07,589 --> 00:03:04,400

everything stops when you pull your fuse

85

00:03:09,350 --> 00:03:07,599

you fly spare fuses in the lids pull out

86

00:03:10,390 --> 00:03:09,360

the multimeter to even check the thing

87

00:03:26,710 --> 00:03:10,400

because it's not going to be obvious

88

00:03:29,030 --> 00:03:27,750

you're focusing that's right you're

89

00:03:30,949 --> 00:03:29,040

focusing the image on the ground glass

90

00:03:33,430 --> 00:03:30,959

has no has nothing to do with the focus

91

00:03:36,070 --> 00:03:33,440

of the limbs but if this is soft how are

92

00:03:37,910 --> 00:03:36,080

you going to focus the legs

93

00:03:38,869 --> 00:03:37,920

automatically

94

00:03:40,470 --> 00:03:38,879

don't lock

95

00:03:43,430 --> 00:03:40,480

the only thing about the lens is the

96

00:03:47,509 --> 00:03:43,440

aperture temperature not the focus so

97

00:03:51,270 --> 00:03:49,110

right while you're shooting this lens

98

00:03:53,110 --> 00:03:51,280

you'll always have to focus this lens is

99

00:03:55,670 --> 00:03:53,120

fixed focus so you don't that's not a

100

00:03:56,949 --> 00:03:55,680

problem this lens

101  
00:03:59,350 --> 00:03:56,959  
since it's

102  
00:04:01,030 --> 00:03:59,360  
focused in infinity everything looks a

103  
00:04:02,949 --> 00:04:01,040  
little bit soft it's not the sharpest

104  
00:04:04,550 --> 00:04:02,959  
image in the world but with this lens

105  
00:04:06,550 --> 00:04:04,560  
it's very very critical particularly

106  
00:04:08,550 --> 00:04:06,560  
after you zoom in on something

107  
00:04:10,070 --> 00:04:08,560  
you will really notice any out of focus

108  
00:04:12,149 --> 00:04:10,080  
condition so

109  
00:04:13,509 --> 00:04:12,159  
focus that finder

110  
00:04:16,469 --> 00:04:13,519  
over here is your

111  
00:04:18,870 --> 00:04:16,479  
exposure scale uh underexposure to the

112  
00:04:20,949 --> 00:04:18,880  
top overexposure to the bottom proper

113  
00:04:23,030 --> 00:04:20,959

exposure is the dark dot in the middle

114

00:04:24,629 --> 00:04:23,040

lost two packs right you got 15 volts

115

00:04:27,030 --> 00:04:24,639

per pack but then they're in parallel to

116

00:04:29,189 --> 00:04:27,040

provide those about the amperage and one

117

00:04:30,390 --> 00:04:29,199

of the things we don't usually pop these

118

00:04:31,430 --> 00:04:30,400

things off

119

00:04:33,830 --> 00:04:31,440

on each one

120

00:04:36,950 --> 00:04:33,840

and take the whole take one module out

121

00:04:38,710 --> 00:04:36,960

right and you can use batteries from it

122

00:04:40,390 --> 00:04:38,720

to power your

123

00:04:41,990 --> 00:04:40,400

hasselblad

124

00:04:43,510 --> 00:04:42,000

remember that's why we went although we

125

00:04:44,790 --> 00:04:43,520

we do have other batteries you can draw

126  
00:04:47,590 --> 00:04:44,800  
on before you get to these but there is

127  
00:04:48,790 --> 00:04:47,600  
that option this back will actually run

128  
00:04:51,749 --> 00:04:48,800  
longer right

129  
00:04:53,749 --> 00:04:51,759  
it has run as many as 15 mags full mags

130  
00:04:54,950 --> 00:04:53,759  
of film and you only fly 12 but of

131  
00:04:56,390 --> 00:04:54,960  
course that was

132  
00:04:57,909 --> 00:04:56,400  
not being real sloppy with you know

133  
00:04:58,790 --> 00:04:57,919  
leave it in standby in the embarrassing

134  
00:05:00,870 --> 00:04:58,800  
but

135  
00:05:03,189 --> 00:05:00,880  
it has the capacity to run for the

136  
00:05:04,070 --> 00:05:03,199  
entire load that you carry

137  
00:05:06,390 --> 00:05:04,080  
um

138  
00:05:07,670 --> 00:05:06,400

battery check we incorporated a battery

139

00:05:09,029 --> 00:05:07,680

test in this thing switching this way

140

00:05:10,710 --> 00:05:09,039

you don't have to use this test button

141

00:05:12,629 --> 00:05:10,720

to test the battery

142

00:05:14,469 --> 00:05:12,639

push the button down you should see hold

143

00:05:15,830 --> 00:05:14,479

it down for two or three seconds

144

00:05:20,070 --> 00:05:15,840

you should see a steady green light

145

00:05:20,080 --> 00:05:23,350

so this is uh

146

00:05:26,629 --> 00:05:25,270

we have in your checklist that's the way

147

00:05:28,150 --> 00:05:26,639

it works

148

00:05:29,830 --> 00:05:28,160

no it should not go out it shuts down as

149

00:05:31,670 --> 00:05:29,840

long as i hold the thing on there's a

150

00:05:33,590 --> 00:05:31,680

variety of things you can see steady

151  
00:05:35,590 --> 00:05:33,600  
green is what you expect to see if you

152  
00:05:37,990 --> 00:05:35,600  
see the green go out you see a green and

153  
00:05:39,749 --> 00:05:38,000  
red or if you just see a red that means

154  
00:05:41,510 --> 00:05:39,759  
it's dropped below the nine and a half

155  
00:05:43,029 --> 00:05:41,520  
to ten point three volt threshold and

156  
00:05:45,590 --> 00:05:43,039  
it's supposed to illuminate the red

157  
00:05:47,990 --> 00:05:46,870  
well i mean i just see that little

158  
00:05:49,510 --> 00:05:48,000  
picture

159  
00:05:51,510 --> 00:05:49,520  
okay is that all i'm supposed to say

160  
00:05:54,629 --> 00:05:51,520  
well if you turn the turn the thing on

161  
00:05:56,950 --> 00:05:54,639  
you'll turn the switch on there

162  
00:05:58,310 --> 00:05:56,960  
what you want to do is put in standby

163  
00:05:59,430 --> 00:05:58,320

and then turn it on while you're looking

164

00:06:03,110 --> 00:05:59,440

at it and you see a little red light

165

00:06:16,230 --> 00:06:04,629

the

166

00:06:20,230 --> 00:06:16,240

as this lens only stops down to

167

00:06:22,390 --> 00:06:20,240

f-16 or t-16 if you will

168

00:06:24,469 --> 00:06:22,400

that's not stopping down quite far

169

00:06:25,909 --> 00:06:24,479

enough and in some environments looking

170

00:06:28,070 --> 00:06:25,919

out the window we we would be

171

00:06:29,590 --> 00:06:28,080

overexposing and so

172

00:06:31,350 --> 00:06:29,600

they built a little neutral density into

173

00:06:32,710 --> 00:06:31,360

the filter to cut down the light just a

174

00:06:35,830 --> 00:06:32,720

little bit more particularly if you were

175

00:06:40,790 --> 00:06:35,840

having to use a 320 film outside

176

00:06:44,070 --> 00:06:42,790

yeah it flops around a little bit

177

00:07:14,870 --> 00:06:44,080

the flight ones are a little bit tighter

178

00:07:14,880 --> 00:07:27,909

okay

179

00:07:34,870 --> 00:07:29,350

yeah we'll take that up here in just a

180

00:07:34,880 --> 00:07:38,469

it's easier to see this way

181

00:07:42,550 --> 00:07:40,150

this is where john had problems with his

182

00:07:44,390 --> 00:07:42,560

drive belt

183

00:07:45,909 --> 00:07:44,400

is what had happened is it slipped off

184

00:07:48,070 --> 00:07:45,919

of this idler arm

185

00:07:49,670 --> 00:07:48,080

is what it did

186

00:07:51,350 --> 00:07:49,680

and

187

00:07:53,510 --> 00:07:51,360

then there was so much mass over here

188

00:07:55,270 --> 00:07:53,520

couldn't get started again so you got to

189

00:08:05,029 --> 00:07:55,280

watch that we're fixing that so

190

00:08:08,390 --> 00:08:05,990

that's the way it should be it's a

191

00:08:10,070 --> 00:08:08,400

v-belt it only goes on one direction

192

00:08:11,909 --> 00:08:10,080

it's like putting a bicycle chain okay

193

00:08:14,469 --> 00:08:11,919

get one side started and then just

194

00:08:20,869 --> 00:08:17,589

i can't drive race cars

195

00:08:21,990 --> 00:08:20,879

there you go right back just like that

196

00:08:22,869 --> 00:08:22,000

and that's going down now you see

197

00:08:25,430 --> 00:08:22,879

there's no

198

00:08:27,909 --> 00:08:25,440

when you do that you're also turning the

199

00:08:30,390 --> 00:08:27,919

film inside right and

200

00:08:32,630 --> 00:08:30,400

also doing stuff

201  
00:08:33,670 --> 00:08:32,640  
to the film that you just threaded right

202  
00:08:34,790 --> 00:08:33,680  
so

203  
00:08:35,829 --> 00:08:34,800  
you got to be careful you've got to be

204  
00:08:36,709 --> 00:08:35,839  
careful

205  
00:08:38,070 --> 00:08:36,719  
okay

206  
00:08:40,790 --> 00:08:38,080  
too much right

207  
00:08:44,230 --> 00:08:40,800  
one way to do that while you're still

208  
00:08:47,750 --> 00:08:46,230  
you don't want that to happen

209  
00:09:06,949 --> 00:08:47,760  
and the reason that happened is because

210  
00:09:09,990 --> 00:09:08,790  
that's okay yeah yeah

211  
00:09:12,710 --> 00:09:10,000  
cause you're just slipping the drive

212  
00:09:15,110 --> 00:09:12,720  
belt in there you're not really

213  
00:09:17,990 --> 00:09:15,120

really doing anything of major damage at

214

00:09:21,670 --> 00:09:20,550

so does that mess up the uh

215

00:09:23,190 --> 00:09:21,680

it should

216

00:09:24,790 --> 00:09:23,200

this these are not affected by anything

217

00:09:26,949 --> 00:09:24,800

that happens out here

218

00:09:28,790 --> 00:09:26,959

once these two pins are captured that's

219

00:09:29,670 --> 00:09:28,800

my stuff let's see what you're talking

220

00:09:34,389 --> 00:09:29,680

about

221

00:09:38,790 --> 00:09:36,630

and so we have this only direction in

222

00:09:40,150 --> 00:09:38,800

this era

223

00:09:41,590 --> 00:09:40,160

which is

224

00:09:43,030 --> 00:09:41,600

that's the way it goes if you turn it

225

00:09:45,389 --> 00:09:43,040

backwards what happens is it starts

226

00:09:47,910 --> 00:09:45,399

piling up because this doesn't take

227

00:09:58,070 --> 00:09:47,920

up real

228

00:09:58,080 --> 00:10:07,750

kind of bunched up down there

229

00:10:14,069 --> 00:10:10,870

and you can see the way this is working

230

00:10:19,110 --> 00:10:16,670

opening and closing through the front of

231

00:10:20,470 --> 00:10:19,120

the front of the camera

232

00:10:21,350 --> 00:10:20,480

what's happening

233

00:10:26,949 --> 00:10:21,360

is

234

00:10:28,550 --> 00:10:26,959

it's not moving at all while that

235

00:10:30,550 --> 00:10:28,560

shutter is open

236

00:10:32,710 --> 00:10:30,560

as the shutter closes it's closing now

237

00:10:35,190 --> 00:10:32,720

this pin grabs it pulls the next frame

238

00:10:37,350 --> 00:10:35,200

down these are going to go back in it's

239

00:10:38,949 --> 00:10:37,360

going to make the next exposure

240

00:10:41,350 --> 00:10:38,959

and so it's going round and around and

241

00:10:44,630 --> 00:10:41,360

around like that doing that 24 times a

242

00:10:48,389 --> 00:10:44,640

second which gives you a 160th of a just

243

00:10:51,829 --> 00:10:49,829

so you can imagine that stuff's flying

244

00:10:53,750 --> 00:10:51,839

around in there

245

00:10:55,269 --> 00:10:53,760

pretty pretty quickly so uh whenever

246

00:10:56,470 --> 00:10:55,279

you're doing this unplug the intricate

247

00:11:05,030 --> 00:10:56,480

little

248

00:11:09,110 --> 00:11:06,630

and that that's not a twist that's just

249

00:11:11,750 --> 00:11:09,120

a 90 degree turn there that's a hole

250

00:11:18,630 --> 00:11:11,760

it's just it's just 360 degrees it

251

00:11:18,640 --> 00:11:22,710

is this a flight camera yes

252

00:11:27,030 --> 00:11:25,350

so that what i feel here for pressure

253

00:11:28,710 --> 00:11:27,040

there's not really much of a detent

254

00:11:31,910 --> 00:11:28,720

there or anything on that

255

00:11:35,990 --> 00:11:33,990

it's just a

256

00:11:38,550 --> 00:11:36,000

it just can't count and it's not it

257

00:11:40,069 --> 00:11:38,560

doesn't even doesn't even get tight yeah

258

00:11:44,790 --> 00:11:40,079

as long as we're going the direction the

259

00:11:49,509 --> 00:11:46,470

yeah don't forget to reset your film

260

00:11:51,670 --> 00:11:49,519

counter that's the next step

261

00:11:52,790 --> 00:11:51,680

now

262

00:11:54,710 --> 00:11:52,800

you can tell you've got power to the

263

00:11:56,630 --> 00:11:54,720

camera whenever you've got digits in

264

00:11:59,030 --> 00:11:56,640

that lower display

265

00:12:00,310 --> 00:11:59,040

now that power comes from really two

266

00:12:03,269 --> 00:12:00,320

sources

267

00:12:04,790 --> 00:12:03,279

ac it's no it's dc it comes off cabin

268

00:12:14,310 --> 00:12:04,800

payload bus

269

00:12:18,230 --> 00:12:16,069

no this is this is all

270

00:12:19,750 --> 00:12:18,240

manual mechanically driven

271

00:12:21,350 --> 00:12:19,760

and you reset this mechanical counter

272

00:12:25,670 --> 00:12:21,360

teaching and the mechanical counter just

273

00:12:29,190 --> 00:12:27,030

these two are nothing more than

274

00:12:30,310 --> 00:12:29,200

redundancy for these type right

275

00:12:32,230 --> 00:12:30,320

these are electronic these are

276

00:12:33,910 --> 00:12:32,240

mechanical so you do everything

277

00:12:39,350 --> 00:12:33,920

basically when you reset that you

278

00:12:44,629 --> 00:12:42,150

the one amp is for the display

279

00:12:46,389 --> 00:12:44,639

it's only the additional display

280

00:12:47,430 --> 00:12:46,399

and the five outputs for the electronics

281

00:12:51,110 --> 00:12:47,440

in the camera

282

00:12:54,949 --> 00:12:53,269

we have just you know exposure reminder

283

00:12:55,910 --> 00:12:54,959

again 160th of a second on the spot

284

00:12:58,550 --> 00:12:55,920

meter

285

00:13:00,790 --> 00:12:58,560

orange filters for outside filming clear

286

00:13:02,870 --> 00:13:00,800

filters for inside filter

287

00:13:04,310 --> 00:13:02,880

the settings are on the lens the

288

00:13:17,350 --> 00:13:04,320

scene that you're

289

00:13:21,190 --> 00:13:18,790

there's a way to do it but you won't be

290

00:13:23,509 --> 00:13:21,200

getting into that

291

00:13:26,870 --> 00:13:23,519

uh on off switch just that's what it

292

00:13:30,790 --> 00:13:29,190

which is duplicated by the

293

00:13:32,550 --> 00:13:30,800

buttons on

294

00:13:47,350 --> 00:13:32,560

yeah the hand handle if you were to use

295

00:13:51,110 --> 00:13:49,110

so we have to sort of

296

00:13:52,949 --> 00:13:51,120

plan for that

297

00:13:54,550 --> 00:13:52,959

we'll also be looking through the

298

00:13:55,910 --> 00:13:54,560

viewfinder and getting used to seeing

299

00:13:58,470 --> 00:13:55,920

the ground glass and setting up the

300

00:14:02,310 --> 00:14:00,550

check the lenses make sure the elements

301  
00:14:03,910 --> 00:14:02,320  
are clean especially the back one before

302  
00:14:05,509 --> 00:14:03,920  
you put it on

303  
00:14:07,030 --> 00:14:05,519  
make sure there's no big things growing

304  
00:14:09,910 --> 00:14:07,040  
on the

305  
00:14:11,910 --> 00:14:09,920  
beam splitter in there

306  
00:14:13,910 --> 00:14:11,920  
and one of the simplest ways to make

307  
00:14:15,509 --> 00:14:13,920  
sure it seats right is to always hold

308  
00:14:17,670 --> 00:14:15,519  
that locking ring so it doesn't slip

309  
00:14:19,990 --> 00:14:17,680  
over if you hold it

310  
00:14:22,470 --> 00:14:20,000  
apply the lens in and you align this

311  
00:14:24,550 --> 00:14:22,480  
sort of up with the longitudinal axis of

312  
00:14:26,710 --> 00:14:24,560  
the camera

313  
00:14:28,550 --> 00:14:26,720

and it should just go right into right

314

00:14:30,470 --> 00:14:28,560

into place like that

315

00:14:32,389 --> 00:14:30,480

and then just go ahead and snug it over

316

00:14:36,150 --> 00:14:32,399

here

317

00:14:38,389 --> 00:14:36,160

positive it's just it's a clamping ring

318

00:14:40,710 --> 00:14:38,399

it's not a locking look at the scene

319

00:14:42,829 --> 00:14:40,720

determine where you want to frame

320

00:14:45,350 --> 00:14:42,839

what you're shooting what the action

321

00:14:49,990 --> 00:14:45,360

is once you've determined all that you

322

00:14:53,110 --> 00:14:51,350

and you want to make the scene sharp

323

00:14:55,030 --> 00:14:53,120

like the circle

324

00:14:58,870 --> 00:14:55,040

and the scene that you focus so you want

325

00:15:00,150 --> 00:14:58,880

to be where your main action is

326

00:15:01,590 --> 00:15:00,160

you know

327

00:15:02,870 --> 00:15:01,600

you may have something going on over in

328

00:15:04,230 --> 00:15:02,880

the corner if that's not your main

329

00:15:05,750 --> 00:15:04,240

action you don't want to focus in the

330

00:15:08,310 --> 00:15:05,760

corner you want to focus where your main

331

00:15:10,550 --> 00:15:08,320

action is going on

332

00:15:22,710 --> 00:15:10,560

something here that you can focus on do

333

00:15:22,720 --> 00:15:33,590

he looks wide awake

334

00:15:33,600 --> 00:15:44,790

a little bit more defined than that

335

00:15:50,629 --> 00:15:45,829

okay

336

00:15:52,790 --> 00:15:50,639

you don't think that's focused no i

337

00:15:56,870 --> 00:15:52,800

don't think so it doesn't look right

338

00:16:01,350 --> 00:15:58,470

check your eyepiece again now let me let

339

00:16:02,150 --> 00:16:01,360

me let me put this wide up here

340

00:16:03,670 --> 00:16:02,160

and

341

00:16:18,629 --> 00:16:03,680

do your eyepiece again just looking at

342

00:16:18,639 --> 00:16:34,069

eye right eye

343

00:16:34,079 --> 00:16:41,910

focus on

344

00:16:45,189 --> 00:16:43,590

i'm a ghost

345

00:16:46,310 --> 00:16:45,199

hold still there mike

346

00:16:48,550 --> 00:16:46,320

you're not gonna have a great deal of

347

00:16:50,470 --> 00:16:48,560

depth of field you can just look at look

348

00:16:52,310 --> 00:16:50,480

at where it says mike on his shirt

349

00:16:53,749 --> 00:16:52,320

just get that in focus

350

00:16:58,550 --> 00:16:53,759

not not paying any attention to that

351

00:16:58,560 --> 00:17:07,189

that's gorgeous country yeah

352

00:17:07,199 --> 00:17:44,630

as you get closer to the camera

353

00:17:49,830 --> 00:17:48,150

all right well get down over there go go

354

00:17:51,669 --> 00:17:49,840

before those guys are the boards right

355

00:17:52,870 --> 00:17:51,679

back in there

356

00:17:54,789 --> 00:17:52,880

wait a minute and then you can do

357

00:17:57,110 --> 00:17:54,799

something but i'm going to focus you

358

00:17:58,390 --> 00:17:57,120

now if i have them like out in there

359

00:18:00,470 --> 00:17:58,400

doing something then they're going to go

360

00:18:02,549 --> 00:18:00,480

in and out of focus so how do you keep

361

00:18:05,669 --> 00:18:02,559

getting them focused okay well

362

00:18:09,590 --> 00:18:08,150

well okay what what it is partly is the

363

00:18:11,029 --> 00:18:09,600

low contrast

364

00:18:15,909 --> 00:18:11,039

light that we're in

365

00:18:19,909 --> 00:18:18,470

on the ground glass becomes the

366

00:18:28,549 --> 00:18:19,919

edge of the resolution of the whole

367

00:18:32,310 --> 00:18:29,990

you always want you always want to go in

368

00:18:43,590 --> 00:18:32,320

the direction of this arrow

369

00:18:43,600 --> 00:18:46,870

there we go

370

00:18:46,880 --> 00:18:52,950

rolling