



1  
00:00:02,240 --> 00:00:04,120

[Music]

2  
00:00:04,120 --> 00:00:07,240

>>Tonight we're testing three more hangar bays in the WRAIF.

3  
00:00:07,240 --> 00:00:11,140

These are gonna be similar to the same test that we did in building 4802.

4  
00:00:11,140 --> 00:00:14,480

The cones and the tape represent aircraft arrangement in here,

5  
00:00:14,480 --> 00:00:17,100

and that's what we're using for the test criteria tonight.

6  
00:00:17,640 --> 00:00:24,200

The test criteria is that we get 90% coverage under the majority of the wing area within one minute,

7  
00:00:24,200 --> 00:00:32,200

and that we also hit one meter for the entire volume of the hangar within four minutes.

8  
00:00:32,200 --> 00:00:34,280

>>All right, getting ready...

9  
00:00:34,280 --> 00:00:38,940

[Fire alarm]

10  
00:00:40,940 --> 00:00:46,440

[Water/foam falling]

11  
00:01:28,180 --> 00:01:31,020

>>Hit the abort...hit the abort...

12  
00:01:41,580 --> 00:01:47,120

>>The system in 4840 here is different from the others because we've got all the systems going into the same

13  
00:01:47,120 --> 00:01:53,100

building. So, in between each test, we have to drain each system and reset it, so that we're testing the

14

00:01:53,100 --> 00:01:57,340

building just like it would be when it's in its final condition.

15

00:01:57,340 --> 00:02:01,100

>>3, 2, 1, go...

16

00:02:05,740 --> 00:02:11,500

[Fire alarm]

17

00:02:14,640 --> 00:02:20,720

[Water/foam falling]

18

00:03:12,200 --> 00:03:18,120

>>These high-expansion foam systems are meant to give 100% floor coverage for the protection

19

00:03:18,120 --> 00:03:24,040

of the aircraft. It's not just for fuel spill fire, but also for protection of adjacent aircraft that would be to that,

20

00:03:24,040 --> 00:03:26,920

and then also for the building protection, once that goes down.