

Evacuation Slide Test

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Administration**



Recent Activities

- A meeting was held at the FAA Technical Center on Wednesday, February 27th with Zodiac-Air Cruisers and Uretek
- Results from Round Robin testing were discussed

Slide Evacuation Test Round Robin 2

Material 1								
Lab	n	<i>Reported Pressure at Time (seconds)</i>					P/F	Time (sec)
		0	90	180	240	360		
A	1	2.52	3.10	3.20	3.25	3.30	Pass	
	2	2.54	3.12	3.22	3.28	3.34	Pass	
	3	2.51	3.09	3.19	3.23	3.28	Pass	
B	1	2.50	3.00	3.05	3.10	3.10	Pass	
	2	2.50	3.00	3.00	3.00	3.00	Pass	
	3	2.50	2.95	3.00	3.05	3.10	Pass	
C	1	2.50					Pass	>250
	2	2.50					Pass	>250
	3	2.50					Pass	>250
D	1	2.50					Failed	25
	2	2.50					Failed	35
	3	2.50					Failed	25
E	1	2.50	2.85	2.90	2.95	3.00	Pass	
	2	2.50	2.80	2.80	2.80	2.80	Pass	
	3	2.50	3.00	3.00	3.05	3.05	Pass	

Slide Evacuation Test Round Robin 2

Material 2								
Lab	n	Reported Pressure at Time (seconds)					P/F	Time (sec)
		0	90	180	240	360		
A	1	2.50	3.05	3.17	3.22	3.27	Pass	
	2	2.53	3.09	3.19	3.24	3.30	Pass	
	3	2.53	3.13	3.21	2.99		Pass	
B	1	2.50	3.00	3.05	3.00		Pass	
	2	2.50	2.95	3.00	3.00	3.00	Pass	
	3	2.50	3.00	3.05	3.00		Pass	
C	1	2.50					Pass	>250
	2	2.50					Pass	>250
	3	2.50					Pass	>250
D	1	2.50					Failed	20
	2	2.50					Failed	19
	3	2.50					Failed	28
E	1	2.50	2.90	2.90	3.00	3.00	Pass	
	2	2.50	2.90	3.00	3.00	3.05	Pass	
	3	2.50	2.90	3.00	3.00	3.10	Pass	

Slide Evacuation Test Round Robin 2

Material 3								
Lab	n	<i>Reported Pressure at Time (seconds)</i>				P/F	Time (sec)	
		0	90	180	240			360
A	1	2.51					Failed	25
	2	2.50					Failed	26
	3	2.51					Failed	34
B	1	2.50					Failed	45
	2	2.50					Failed	26
	3	2.50					Failed	33
C	1	2.50					Failed	30
	2	2.50					Failed	30
	3	2.50					Failed	32
D	1	2.50					Failed	8
	2	2.50					Failed	14
	3	2.50					Failed	14
E	1	2.50					Failed	10
	2	2.50					Failed	29
	3	2.50					Failed	29

Recent Activities (continued)

- Extensive conversation as to why Lab D failed all samples.
 - Consensus ... incorrect test setup (i.e., measurements or instrumentation)
- Started a review of new slide evacuation test method
- New test method (working) could replace the existing TSO-C69c (TSO will remain)
- Use of new tools to make the test more repeatable
- Questions concerning the new 180 second per sample pass requirement as stated in the new test method
- Frequency of calibration
- Coil degradation

Follow Up

- Participants will review the new test method and make comments/suggestions for possible inclusion in to the document
- Additional Round Robin testing to be conducted later in 2013