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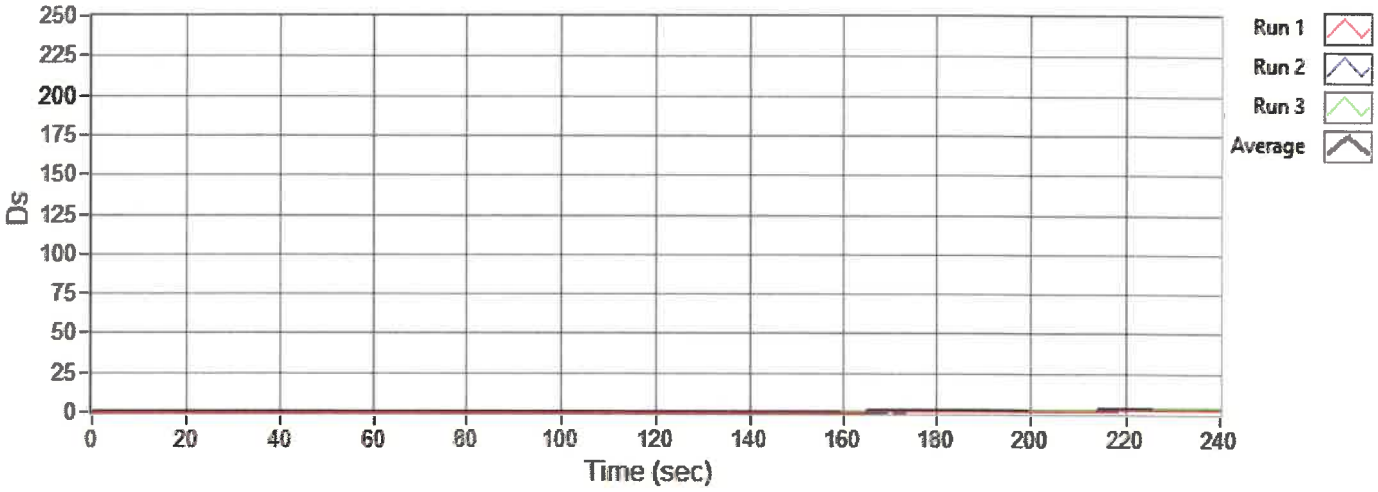
SMOKE DENSITY TEST RESULTS Airbus ABD0031 per AITM2-0007				Skandia, Inc. WO# 384985-1 Client PO 10388
GigaFlight Connectivity Inc. 6180 Industrial Court WI Greendale 53129 USA				Doc ID: 384985-1-21--11.csv Test Plan: Rev Project #
Aircraft or Aircraft Component Identification				
Make:	Model:		Serial:	Tail:
Conditioning Room Data:	Date In: 09/02/2021	Time In: 10:20	Date Out: 09/07/2021	Time Out: 13:40
Heat Flux:	2.51 (W/cm²)		Date calibrated:	09/07/2021
Specimen Materials				
Test P/N: GF5-71T	Description: COAX CABLE with FEP JACKET 0.229" LOT 12562			



Run	Max Ds	Max time (sec)	Specimen Weight (grams)
1	2	219	66.0
2	2	214	66.0
3	3	226	66.0
Average	**2.3**	**220**	**66.0**

Smoke Density Burn Test: The specific optical smoke density (Ds), which is obtained by averaging the reading obtained after 4 minutes with each of the three specimens. See Airbus Specification for Pass/Fail requirements.

Flaming Mode per AITM 2.0008B

[X] Passed [ ] Failed

Test Technician Zach Boehning **Date**
09/07/2021

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Airbus Toxicity Non-Woven Data Sheet
Per AITM 3.0005 & ABD 0031

Client: GigaFlight Connectivity Inc

Work Order: 384985-1

Product P/N & Description: GF5-71T
COAX CABLE

Results

Gases	Limits @ 4 Min.	Flaming	Flaming	P/F	Uncertainty
HCN	150 PP10^6	0	0	P	
NO + NO^2	100 PP10^6	1	1	P	
SO^2	100 PP10^6	0	0	P	
HF	100 PP10^6	9.06	10.6	P	
HCL	150 PP10^6	25	50	P	

Results

Gases	Limits @ 4 Min.	Non-Flaming	Non-Flaming	P/F	Uncertainty
HCN	150 PP10^6				
NO + NO^2	100 PP10^6				
SO^2	100 PP10^6				
HF	100 PP10^6				
HCL	150 PP10^6				

COMMENTS:

ZACH BOEHNING
Technician

9/7/2021
Date

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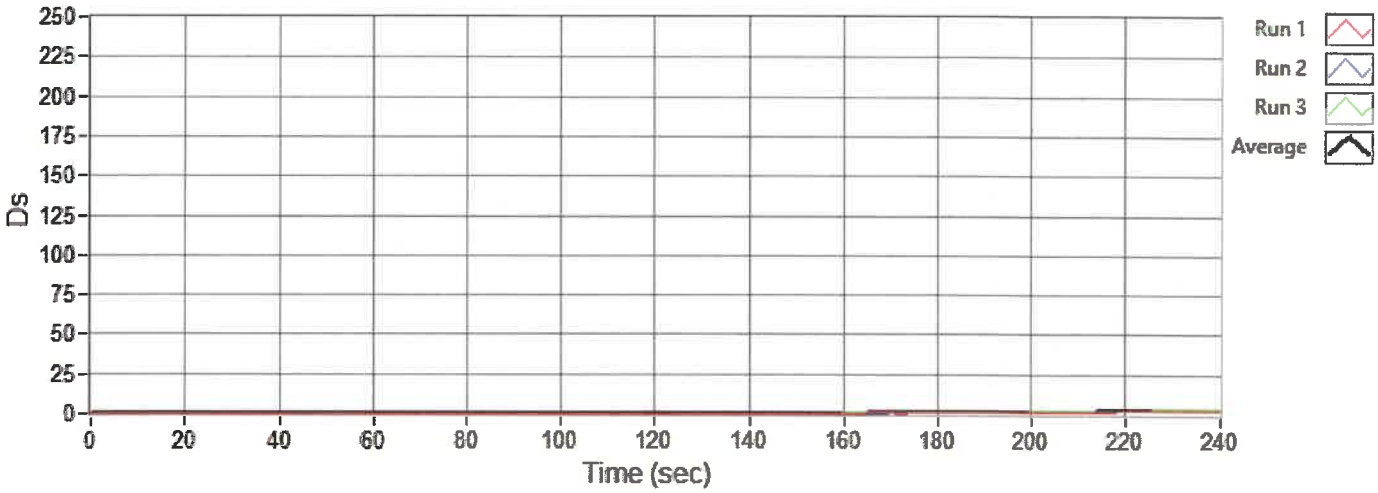
SMOKE DENSITY TEST RESULTS 14 CFR Part 25.853 (d) Amdt 25-116 Appendix F Part V			Skandia, Inc. WO# 384985-1 Client PO 10388
GigaFlight Connectivity Inc. 6180 Industrial Court WI Greendale 53129 USA			Doc ID: 384985-1-21--11.csv Test Plan: Rev Project # Technician Zach Boehning
Aircraft or Aircraft Component Identification			
Make:	Model:	Serial:	Tail:
Conditioning Room Data:	Date In: 09/02/2021 Time In: 10:20	Date Out: 09/07/2021	Time Out: 13:40
Specimen Materials			
Test P/N: GF5-71T	Description: COAX CABLE with FEP JACKET 0.229" LOT 12562		



Run	Max Ds	Max time (sec)
1	2	219
2	2	214
3	3	226
Average	**2.3**	**220**

Smoke Density Burn Test: The specific optical smoke density (Ds), which is obtained by averaging the reading obtained after 4 minutes with each of the three specimens, shall not exceed 200.

Comments: FLAMING MODE per BSS 7238

[X] Passed [ ] Failed

Certification: I certify that after testing these specimens, the above results were obtained in accordance with the procedures and equipment specified by Code of Federal Regulations Title 14 Part 25, revised as of January 1, 2004 and the Aircraft Materials Fire test handbook dated April. 2000.

Witness Jane Biberstein **Date 09/07/2021**

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Boeing Toxicity Non-Woven Data Sheet
Per Boeing BSS 7239

Client: GigaFlight Connectivity

Work Order #: .84985-1

Product P/N & Description: GF5-71T
COAX CABLE

Results

Gases	Limits @ 4 Min.	Flaming	Flaming	P/F	Uncertainty
HCN	150 PP10^6	0	0	P	
NO + NO^2	100 PP10^6	1	1	P	
*SO_2	100 PP10^6	0	0	P	
HF	200 PP10^6	9.06	10.6	P	
HCL	500 PP10^6	25	50	P	
CO	1000 PP10^6	1	9	P	

* " For carpet SO2 , limit is 200 PP10^6".

ZACH BOEHNING
Technician

9/7/2021
Date: