



September 28, 2018

Dylan Vandemark
CellBlock FCS, LLC
234 Northeast Road Unit #5
Standish, Maine 04084

Dear Mr. Vandemark:

Enclosed is the flammability data resulting from a cargo liner test performed for CellBlock FCS in Standish, Maine:

FOR RESEARCH AND DEVELOPMENT ONLY

AccuFleet Test Number: CL17018
Part Number: LIBIK/Fire Blanket Sample
Specimen Orientation: Ceiling Only
Purchase Order Number: AF001

The tests were conducted in accordance with "Aircraft Materials of Fire Test Handbook," Chapter 8 dated October 20, 2017 and Title 14 CFR, PART 25—Subpart D, § 25.855 (c) cargo or baggage compartments, [Amdt. 25-142, Eff. 4/18/2016] Appendix F to Part 25, Part III [Amdt. 25-142, Eff. 4/18/2016]. The test operators were Elizabeth Huff and Clay Holcomb and the DERT present was Patrick L. Black, DERT Consultant. A DVD recording was made of the tests with appropriate comments.

To pass this test, at least three specimens of cargo compartment sidewall or ceiling liner panels must be tested. There must be no flame penetration of any specimen within 5 minutes after application of the flame source, and the peak temperature measured at 4 inches above the upper surface of the horizontal test sample must not exceed 400 degrees F.

If you have any questions regarding this test, please call me at (281) 999-8800 ext 1111 or 1140.

Sincerely,
AccuFleet Testing Services, Inc.

A handwritten signature in blue ink, appearing to read "Patrick L. Black", is written over a horizontal line.

Patrick L. Black
General Manager
DERT/DARF Consultant

PLB/gr
Enclosures

Form #216RDCargoL Rev.A dated 3/17/18



1959 South Starpoint Drive Houston, TX 77032

**CARGO LINER BURN DATA
RESEARCH AND DEVELOPMENT TEST ONLY (PAGE 1 OF 1)**

Date: 09/28/18	AccuFleet Test No.: CL17018
Client: CellBlock	Purchase Order No.: AF001
Contact: Dylan Vandemark	Work Order No.: 18-9125

CONDITIONING INFORMATION				TEST CHAMBER INFORMATION	
DATE IN:	09/20/18	DATE OUT:	09/28/18	Humidity:	51.0%
TIME IN:	10:45 PM	TIME OUT:	9:29 AM	Temperature:	72 °F

CALIBRATION DATA											
Calibration:					C1809281					Date:	09/28/18
Calorimeter		Air Flow		THERMOCOUPLES							
7.8	1800	1651	1651	1650	1647	1649	1622	1621			

SPECIMEN DESCRIPTION				
Part Number:	LIBIK/Fire Blanket Sample		Specimen Orientation:	Ceiling Only
Specimen Description:	LIBIK/Fire Blanket Sample			

TEST DATA						
TIME	TEMP	TEST SPECIMEN- RUN #1 COMMENTS	TEMP	TEST SPECIMEN- RUN #2 COMMENTS	TEMP	TEST SPECIMEN- RUN #3 COMMENTS
30 SEC.	125	Nothing at this time	134	Nothing at this time	141	Nothing at this time
1 MIN.	129	No Change	139	Very Little Smoke at Seams	137	Very Little Smoke at Seams
1.5 MIN.	134	Very Little Smoke at Seams	131	No Change	135	No Change
2 MIN.	129	Smoke Increasing	135	Smoke Increasing	135	Smoke Increasing
2.5 MIN.	132	Top side Discoloring at Seams/Increasing Smoke	138	Top side Discoloring at Seams/Increasing Smoke	143	Top side Discoloring at Seams/Increasing Smoke
3 MIN.	124	No Change	129	No Change	130	No Change
3.5 MIN.	134	No Change	137	No Change	135	No Change
4 MIN.	132	No Change	135	No Change	133	No Change
4.5 MIN.	127	No Change	136	No Change	131	No Change
5 MIN.	132	Passed	128	Passed	129	Passed

FLAME PENETRATION	TIME OF FLAME PENETRATION	RESULT: Passed
RUN 1:	NO 0	
RUN 2:	NO 0	
RUN 3:	NO 0	

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