



# ACI flame test

912 Lane Drive  
Birmingham, Alabama 35224  
Phone (205) 788-8807  
Fax (205) 786-7578

Customer: Corkey Watts Aircraft Interiors

Customer P.O. #: Verbal

Invoice #: 2102

Location: Row 1

Flame Retardant: N/A

### CONDITIONING ROOM:

Date/Time In: 05/24/06 8:00 a.m.  
Average (Min. 24 hours)

Date/Time Out: 05/25/06 8:00 a.m.

Temp: 71

Rel. Hum.: 49

Test Sample Description: Foamkore .080 Hardboard w/Foam Core 18 oz. sq. ft.

Flame Application (Seconds)	Flame Time (Seconds)		Burn Length (Inches)		Burn Drippings (Seconds)	
	Warp	Fill	Warp	Fill	Warp	Fill
12	Z	N/A	.50	N/A	0.0	N/A
12	Z	N/A	.50	N/A	0.0	N/A
12	Z	N/A	.50	N/A	0.0	N/A
<b>AVERAGE</b>	Z	N/A	.50	N/A	0.0	N/A

**NOTE:** Burn test performed in accordance with FAR 25.853(a) Appendix F Part I (a), (i), (ii) which includes floor covering, textiles (including draperies and upholstery), seat cushions, padding, decorative and non-decorative coated fabrics, leather, trays, galley furnishings, acoustical insulation, or liners of Class B through E cargo or baggage compartments.

12 Second vertical burn test must meet the following conditions: **Average Self Extinguish Flame Time** may not exceed 15 seconds, **Average Burn Length** may not exceed 8 inches, and **Average Burn of Drippings** may not exceed 5 seconds after falling.

**COMMENTS:** No burn on actual wood – Burn length listed is foam between wood

Test Results: Passed  Failed

Signed: Corkey Watts Dated: 5/25/06

Cordis L. (Corkey) Watts DERT-511227-CE



# ACI flame test

912 Lane Drive  
Birmingham, Alabama 35224  
Phone (205) 788-8807  
Fax (205) 786-7578

Customer: Corkey Watts Aircraft Interiors

Customer P.O. #: Verbal

Invoice #: 2098

Location: Row 1

Flame Retardant: N/A

## CONDITIONING ROOM:

Date/Time In: 05/24/06 8:00 a.m.  
Average (Min. 24 hours)

Date/Time Out: 05/25/06 8:00 a.m.

Temp: 71

Rel. Hum.: 49

Test Sample Description: Foamkore 1/16" Fiberboard w/Foam Core

Flame Application (Seconds)	Flame Time (Seconds)		Burn Length (Inches)		Burn Drippings (Seconds)	
	Warp	Fill	Warp	Fill	Warp	Fill
12	<u>10</u>	<u>N/A</u>	<u>1</u>	<u>N/A</u>	<u>0.0</u>	<u>N/A</u>
12	<u>10</u>	<u>N/A</u>	<u>1</u>	<u>N/A</u>	<u>0.0</u>	<u>N/A</u>
12	<u>10</u>	<u>N/A</u>	<u>1</u>	<u>N/A</u>	<u>0.0</u>	<u>N/A</u>
<b>AVERAGE</b>	<u>10</u>	<u>N/A</u>	<u>1</u>	<u>N/A</u>	<u>0.0</u>	<u>N/A</u>

**NOTE:** Burn test performed in accordance with FAR 25.853(a) Appendix F Part I (a), (l), (ii) which includes floor covering, textiles (including draperies and upholstery), seat cushions, padding, decorative and non-decorative coated fabrics, leather, trays, galley furnishings, acoustical insulation, or liners of Class B through E cargo or baggage compartments.

12 Second vertical burn test must meet the following conditions: Average Self Extinguish Flame Time may not exceed 15 seconds, Average Burn Length may not exceed 8 inches, and Average Burn of Drippings may not exceed 5 seconds after falling.

COMMENTS: No burn on actual wood – Burn length listed is foam between wood

Test Results: Passed  Failed

Signed: Corkey Watts Dated: 5/25/06

Cordis L. (Corkey) Watts DERT-511227-CE



# ACI flame test

912 Lane Drive  
Birmingham, Alabama 35224  
Phone (205) 788-8807  
Fax (205) 786-7578

Customer: Corkey Watts Aircraft Interiors

Customer P.O. #: Verbal

Invoice #: 2099

Location: Row 1

Flame Retardant: N/A

### CONDITIONING ROOM:

Date/Time In: 05/24/06 8:00 a.m.  
Average (Min. 24 hours)

Date/Time Out: 05/25/06 8:00 a.m.

Temp: 71

Rel. Hum.: 49

Test Sample Description: Foamkore #FK75CB18 3/16" Chinese Burch w/Foam Core

Flame Application (Seconds)	Flame Time (Seconds)		Burn Length (Inches)		Burn Drippings (Seconds)	
	Warp	Fill	Warp	Fill	Warp	Fill
12	4	N/A	.50	N/A	0.0	N/A
12	4	N/A	.50	N/A	0.0	N/A
12	4	N/A	.50	N/A	0.0	N/A
<b>AVERAGE</b>	4	N/A	.50	N/A	0.0	N/A

**NOTE:** Burn test performed in accordance with FAR 25.853(a) Appendix F Part 1 (a), (l), (ii) which includes floor covering, textiles (including draperies and upholstery), seat cushions, padding, decorative and non-decorative coated fabrics, leather, trays, galley furnishings, acoustical insulation, or liners of Class B through E cargo or baggage compartments.

12 Second vertical burn test must meet the following conditions: Average Self Extinguish Flame Time may not exceed 15 seconds, Average Burn Length may not exceed 8 inches, and Average Burn of Drippings may not exceed 5 seconds after falling.

**COMMENTS:** No burn on actual wood – Burn length listed is foam between wood

Test Results: Passed  Failed

Signed: Corkey Watts Dated: 5/25/06

Cordis L. (Corkey) Watts DERT-511227-CE



# ACI flame test

912 Lane Drive  
Birmingham, Alabama 35224  
Phone (205) 788-8807  
Fax (205) 786-7578

Customer: Corkey Watts Aircraft Interiors

Customer P.O. #: Verbal

Invoice #: 2100

Location: Row 1

Flame Retardant: N/A

### CONDITIONING ROOM:

Date/Time In: 05/24/06 8:00 a.m.  
Average (Min. 24 hours)

Date/Time Out: 05/25/06 8:00 a.m.

Temp: 71

Rel. Hum.: 49

Test Sample Description: Foamcore 1/8" Luan Plywood w/Foam Core 14 oz. sq. ft.

Flame Application (Seconds)	Flame Time (Seconds)		Burn Length (Inches)		Burn Drippings (Seconds)	
	Warp	Fill	Warp	Fill	Warp	Fill
12	3	N/A	.50	N/A	0.0	N/A
12	3	N/A	.50	N/A	0.0	N/A
12	3	N/A	.50	N/A	0.0	N/A
<b>AVERAGE</b>	3	N/A	.50	N/A	0.0	N/A

**NOTE:** Burn test performed in accordance with FAR 25.853(a) Appendix F Part 1 (a), (l), (ii) which includes floor covering, textiles (including draperies and upholstery), seat cushions, padding, decorative and non-decorative coated fabrics, leather, trays, galley furnishings, acoustical insulation, or liners of Class B through E cargo or baggage compartments.

12 Second vertical burn test must meet the following conditions: Average Self Extinguish Flame Time may not exceed 15 seconds, Average Burn Length may not exceed 8 inches, and Average Burn of Drippings may not exceed 5 seconds after falling.

**COMMENTS:** No burn on actual wood - Burn length listed is foam between wood

Test Results: Passed

Failed

Signed: Corkey Watts

Dated: 5/25/06

Cordis L. (Corkey) Watts DERT-511227-CE



# ACI flame test

912 Lane Drive  
Birmingham, Alabama 35224  
Phone (205) 788-8807  
Fax (205) 786-7578

Customer: Corkey Watts Aircraft Interiors

Customer P.O. #: Verbal Invoice #: 2101

Location: Row 1 Flame Retardant: N/A

### CONDITIONING ROOM:

Date/Time In: 05/24/06 8:00 a.m. Date/Time Out: 05/25/06 8:00 a.m.  
Average (Min. 24 hours)

Temp: 71 Rel. Hum.: 49

Test Sample Description: Foamkore 1/8" Poplar Plywood w/Foam Core 10 oz. sq. ft.

Flame Application (Seconds)	Flame Time (Seconds)		Burn Length (Inches)		Burn Drippings (Seconds)	
	Warp	Fill	Warp	Fill	Warp	Fill
12	4	N/A	.50	N/A	0.0	N/A
12	4	N/A	.50	N/A	0.0	N/A
12	4	N/A	.50	N/A	0.0	N/A
<b>AVERAGE</b>	4	N/A	.50	N/A	0.0	N/A

**NOTE:** Burn test performed in accordance with FAR 25.853(a) Appendix F Part I (a), (l), (ii) which includes floor covering, textiles (including draperies and upholstery), seat cushions, padding, decorative and non-decorative coated fabrics, leather, trays, galley furnishings, acoustical insulation, or liners of Class B through E cargo or baggage compartments.

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Test Results: Passed  Failed

Signed: Corkey Watts Dated: 5/25/06  
Cordis L. (Corkey) Watts DERT-511227-CE