

HERB CURRY, INC.1701 LEONARD ROAD
P.O. Box 753
MT. VERNON, IN 47620Flammability Technology Services
FAA - DER
Herbc Curry Inc.comPhone (812) 838-6703
Fax (812) 838-6712
Email Burnit@evansville.net**FAA FLAMMABILITY CERTIFICATE
FAR 25.853 VERTICAL BURN**☒ FAR 25.853 (a) Appendix F, Part I, (a), 1, (i): 60 sec.
☐ FAR 25.853 (a) Appendix F, Part I, (a), 1, (ii): 12 sec.

REQUESTOR: Stratasy, Inc.

PHONE: 952-906-2733
FAX: 952-294-3670

DATE: 5/15/2009

SAMPLE ID: 1A

THICKNESS: 0.050
PO#: Visa**RESULTS**

	<u>Burning Time</u> (seconds)	<u>Burning Length</u> (inches)	<u>Longest Burning</u> <u>Particle</u> (Seconds)
1.	0	3.3	NONE
2.	0	3.2	NONE
3.	0	3.3	NONE
Avg.	0	3.3	NONE

CRITERIA: FAR 25.853, Amdt 25-116

	<u>(a), 1, (i)</u>	<u>(a), 1, (ii)</u>
Maximum Burn Time	15 seconds	15 second
Maximum Burn Length	6 inches	8 inches
Maximum Longest Burning Particle	3 seconds	5 seconds

Pass/Fail

Pass

TESTED BY:

Scott A. Moore

DATE COMPLETED

5/15/09

WITNESSED BY:

[Signature]

FAA Form 8110-25(1-79)

Satisfy Your Burning Desires

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✓ **FAR 25.853 (a) Appendix F, Part I, (a), 1, (i): 60 sec.**
FAR 25.853 (a) Appendix F, Part I, (a), 1, (ii): 12 sec.

REQUESTOR: Stratatsys, Inc.

PHONE: 952-906-2733
FAX: 952-294-3670

DATE: 5/15/2009

SAMPLE ID: 1 B

THICKNESS: 0.064
PO#: Visa**RESULTS**

	<u>Burning Time</u> (seconds)	<u>Burning Length</u> (inches)	<u>Longest Burning</u> <u>Particle</u> (Seconds)
1.	0	3.5	NONE
2.	0	3.3	NONE
3.	0	3.4	NONE
Avg.	0	3.4	NONE

CRITERIA: FAR 25.853, Amdt 25-116

	<u>(a), 1, (i)</u>	<u>(a), 1, (ii)</u>
Maximum Burn Time	15 seconds	15 second
Maximum Burn Length	6 inches	8 inches
Maximum Longest Burning Particle	3 seconds	5 seconds

Pass/Fail

PASS

TESTED BY:

Scott L. Weaver

DATE COMPLETED

5/15/09

WITNESSED BY:

[Signature]

FAA Form 8110-25(1-79)

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✓ **FAR 25.853 (a) Appendix F, Part I, (a), 1, (i): 60 sec.**
FAR 25.853 (a) Appendix F, Part I, (a), 1, (ii): 12 sec.

REQUESTOR: Stratasy, Inc.

PHONE: 952-906-2733
FAX: 952-294-3670

DATE: 5/15/2009

SAMPLE ID: 1C

THICKNESS: 0.260
PO#: Visa**RESULTS**

	<u>Burning Time</u> (seconds)	<u>Burning Length</u> (inches)	<u>Longest Burning</u> <u>Particle</u> (Seconds)
1.	0	2.2	NONE
2.	0	2.3	NONE
3.	0	2.2	NONE
Avg.	0	2.2	NONE

CRITERIA: FAR 25.853, Amdt 25-116

	<u>(a), 1, (i)</u>	<u>(a), 1, (ii)</u>
Maximum Burn Time	15 seconds	15 second
Maximum Burn Length	6 inches	8 inches
Maximum Longest Burning Particle	3 seconds	5 seconds

Pass/Fail

Pass

TESTED BY:

Scott Van Noone

DATE COMPLETED

5/15/09

WITNESSED BY:

[Signature]

FAA Form 8110-25(1-79)

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REQUESTOR: Stratasy, Inc.

PHONE: 952-906-2733

DATE: 5/20/2009

FAX: 952-294-3670

SAMPLE ID: 2A

THICKNESS: 0.261

PO#: Visa

RESULTS

	<u>Burning Time</u> (seconds)	<u>Burning Length</u> (inches)	<u>Longest Burning</u> <u>Particle</u> (Seconds)
1.	<u>0</u>	<u>2.5</u>	<u>NONE</u>
2.	<u>0</u>	<u>2.7</u>	<u>NONE</u>
3.	<u>0</u>	<u>2.5</u>	<u>NONE</u>
Avg.	<u>0</u>	<u>2.6</u>	<u>NONE</u>

CRITERIA: FAR 25.853, Amdt 25-116

	<u>(a), 1, (i)</u>	<u>(a), 1, (ii)</u>
Maximum Burn Time	15 seconds	15 second
Maximum Burn Length	6 inches	8 inches
Maximum Longest Burning Particle	3 seconds	5 seconds
Pass/Fail	<u>Pass</u>	

TESTED BY:

Kent W. Wendel

DATE COMPLETED

05/20/09

WITNESSED BY:

[Signature]

FAA Form 8110-25(1-79)

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✓ FAR 25.853 (a) Appendix F, Part I, (a), 1, (i): 60 sec.
FAR 25.853 (a) Appendix F, Part I, (a), 1, (ii): 12 sec.

REQUESTOR: Stratasys, Inc.

PHONE: 952-906-2733
FAX: 952-294-3670

DATE: 5/20/2009

SAMPLE ID: 2B

THICKNESS: 0.050
PO#: Visa**RESULTS**

	<u>Burning Time</u> (seconds)	<u>Burning Length</u> (inches)	<u>Longest Burning</u> <u>Particle</u> (Seconds)
1.	<u>0</u>	<u>4.5</u>	<u>1</u>
2.	<u>0</u>	<u>4.3</u>	<u>0</u>
3.	<u>0</u>	<u>4.5</u>	<u>1</u>
Avg.	<u>0</u>	<u>4.4</u>	<u>1</u>

CRITERIA: FAR 25.853, Amdt 25-116

	<u>(a), 1, (i)</u>	<u>(a), 1, (ii)</u>
Maximum Burn Time	15 seconds	15 second
Maximum Burn Length	6 inches	8 inches
Maximum Longest Burning Particle	3 seconds	5 seconds
Pass/Fail	<u>Pass</u>	<u></u>

TESTED BY:

KENT W. WENDELOTHDATE COMPLETED 05/20/09

WITNESSED BY:

[Signature]

(FAA Form 8110-25(1-79))

Satisfy Your Burning Desires

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✓ FAR 25.853 (a) Appendix F, Part I, (a), 1, (i): 60 sec.
FAR 25.853 (a) Appendix F, Part I, (a), 1, (ii): 12 sec.

REQUESTOR: Stratatsys, Inc.

PHONE: 952-906-2733

DATE: 5/20/2009

FAX: 952-294-3670

SAMPLE ID: 2C

THICKNESS: 0.070

PO#: Visa

RESULTS

	<u>Burning Time</u> (seconds)	<u>Burning Length</u> (inches)	<u>Longest Burning</u> <u>Particle</u> (Seconds)
1.	<u>0</u>	<u>3.1</u>	<u>NONE</u>
2.	<u>0</u>	<u>3.0</u>	<u>NONE</u>
3.	<u>0</u>	<u>3.1</u>	<u>NONE</u>
Avg.	<u>0</u>	<u>3.1</u>	<u>NONE</u>

CRITERIA: FAR 25.853, Amdt 25-116

	<u>(a), 1, (i)</u>	<u>(a), 1, (ii)</u>
Maximum Burn Time	15 seconds	15 second
Maximum Burn Length	6 inches	8 inches
Maximum Longest Burning Particle	3 seconds	5 seconds
Pass/Fail	<u>PASS</u>	

TESTED BY:

KENT W. WUNDERLICH

DATE COMPLETED

05/20/09

WITNESSED BY:

[Signature]

FAA Form 8110-25(1-79)

Satisfy Your Burning Desires

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✓ FAR 25.853 (a) Appendix F, Part I, (a), 1, (i): 60 sec.
FAR 25.853 (a) Appendix F, Part I, (a), 1, (ii): 12 sec.

REQUESTOR: Stratasys, Inc.

PHONE: 952-906-2733

DATE: 5/20/2009

FAX: 952-294-3670

SAMPLE ID: 2D

THICKNESS: 0.252

PO#: Visa

RESULTS

	<u>Burning Time</u> (seconds)	<u>Burning Length</u> (inches)	<u>Longest Burning</u> <u>Particle</u> (Seconds)
1.	<u>0</u>	<u>1.7</u>	<u>NONE</u>
2.	<u>0</u>	<u>1.9</u>	<u>NONE</u>
3.	<u>0</u>	<u>1.9</u>	<u>NONE</u>
Avg.	<u>0</u>	<u>1.8</u>	<u>NONE</u>

CRITERIA: FAR 25.853, Amdt 25-116

	<u>(a), 1, (i)</u>	<u>(a), 1, (ii)</u>
Maximum Burn Time	15 seconds	15 second
Maximum Burn Length	6 inches	8 inches
Maximum Longest Burning Particle	3 seconds	5 seconds
Pass/Fail	<u>Pass</u>	

TESTED BY:

KENT W. WENDEROFF

DATE COMPLETED

05/20/09

WITNESSED BY:

[Signature]

FAA Form 8110-25(1-79)

Satisfy Your Burning Desires

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✓ FAR 25.853 (a) Appendix F, Part I, (a), 1, (i): 60 sec.
FAR 25.853 (a) Appendix F, Part I, (a), 1, (ii): 12 sec.

REQUESTOR: Stratasy, Inc.

PHONE: 952-906-2733
FAX: 952-294-3670

DATE: 5/20/2009

SAMPLE ID: 2E

THICKNESS: 0.255
PO#: Visa**RESULTS**

	<u>Burning Time</u> (seconds)	<u>Burning Length</u> (inches)	<u>Longest Burning</u> <u>Particle</u> (Seconds)
1.	<u>0</u>	<u>1.4</u>	<u>NONE</u>
2.	<u>0</u>	<u>1.5</u>	<u>NONE</u>
3.	<u>0</u>	<u>1.4</u>	<u>NONE</u>
Avg.	<u>0</u>	<u>1.4</u>	<u>NONE</u>

CRITERIA: FAR 25.853, Amdt 25-116

	<u>(a), 1, (i)</u>	<u>(a), 1, (ii)</u>
Maximum Burn Time	15 seconds	15 second
Maximum Burn Length	6 inches	8 inches
Maximum Longest Burning Particle	3 seconds	5 seconds
Pass/Fail	<u>Pass</u>	<u></u>

TESTED BY: KENT W. WENDROTH DATE COMPLETED 05/20/09WITNESSED BY: [Signature] FAA Form 8110-25(1-79)*Satisfy Your Burning Desires*

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☒ FAR 25.853 (a) Appendix F, Part I, (a), 1, (i): 60 sec.
☐ FAR 25.853 (a) Appendix F, Part I, (a), 1, (ii): 12 sec.

REQUESTOR: Stratasys, Inc.

PHONE: 952-906-2733

DATE: 5/27/2009

FAX: 952-294-3670

SAMPLE ID: 3A

THICKNESS: 0.255

PO#: Visa

RESULTS

	<u>Burning Time</u> (seconds)	<u>Burning Length</u> (inches)	<u>Longest Burning</u> <u>Particle</u> (Seconds)
1.	<u>0</u>	<u>2.5</u>	<u>NONE</u>
2.	<u>0</u>	<u>2.5</u>	<u>NONE</u>
3.	<u>0</u>	<u>2.4</u>	<u>NONE</u>
Avg.	<u>0</u>	<u>2.5</u>	<u>NONE</u>

CRITERIA: FAR 25.853, Amdt 25-116

	<u>(a), 1, (i)</u>	<u>(a), 1, (ii)</u>
Maximum Burn Time	15 seconds	15 second
Maximum Burn Length	6 inches	8 inches
Maximum Longest Burning Particle	3 seconds	5 seconds

Pass/Fail

PASS

TESTED BY:

Scott ValWormer

DATE COMPLETED

5/27/09

WITNESSED BY:

[Signature]

FAA Form 8110-25(1-79)

Satisfy Your Burning Desires

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FAR 25.853 (a) Appendix F, Part I, (a), 1, (ii): 12 sec.

REQUESTOR: Stratasys, Inc.

PHONE: 952-906-2733
FAX: 952-294-3670

DATE: 5/27/2009

SAMPLE ID: 3B

THICKNESS: 0.255
PO#: Visa**RESULTS**

	<u>Burning Time</u> (seconds)	<u>Burning Length</u> (inches)	<u>Longest Burning</u> <u>Particle</u> (Seconds)
1.	0	2.4	NONE
2.	0	2.5	NONE
3.	0	2.4	NONE
Avg.	0	2.4	NONE

CRITERIA: FAR 25.853, Amdt 25-116

	<u>(a), 1, (i)</u>	<u>(a), 1, (ii)</u>
Maximum Burn Time	15 seconds	15 second
Maximum Burn Length	6 inches	8 inches
Maximum Longest Burning Particle	3 seconds	5 seconds

Pass/Fail

PASS

TESTED BY:

Stott Van Wazer

DATE COMPLETED

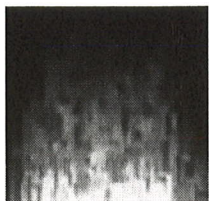
5/27/09

WITNESSED BY:

ATC

FAA Form 8110-25(1-79)

Satisfy Your Burning Desires



HERB CURRY, INC.

Flammability Technology Services



FAA - DER

Phone (812) 838-6703

Fax (812) 838-6712

E-mail burnit@evansville

HERB CURRY, INC. is a small scale fire test laboratory specializing testing aircraft, automotive and railcar interior materials.

We have more than 50 years experience working with the DOT and FAA in designing and testing flame retardant materials used in aircraft and ground transportation (autos, buses, subways, and trains).

We have three FAA certified DER's on staff to answer any questions and to help you solve your "burning" issues.

Some of our testing services are listed below.
For a complete list of our services follow the links to our [price list](#).

Price Sheet

HC Inc. History

Quality Policy

Some of our basic services include:

- FAA Certification 8110-3
- FAA Flammability (FAR 25.853)
- OSU Heat Release
- NBS Smoke Density ASTM E-662
- DOT MVSS 302
- RAILCAR FRA 49 CFR 238.103
- 1-3 Day typical turn around time

Phone (812) 838-6703 Fax (812) 838-6712 E-mail burnit@evansville

Mailing Address
HERB CURRY, INC.
P.O. Box 753
Mt. Vernon, IN 47620-0753

Shipping Address:
HERB CURRY, INC.
1701 Leonard Road
Mt. Vernon, IN 47620

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✓ **FAR 25.853 (a) Appendix F, Part I, (a), 1, (i): 60 sec.**
FAR 25.853 (a) Appendix F, Part I, (a), 1, (ii): 12 sec.

REQUESTOR: Stratasys, Inc.

PHONE: 952-906-2733
FAX: 952-294-3670

DATE: 5/20/2009

SAMPLE ID: 2D

THICKNESS: 0.252
PO#: Visa**RESULTS**

	<u>Burning Time</u> (seconds)	<u>Burning Length</u> (inches)	<u>Longest Burning</u> <u>Particle</u> (Seconds)
1.	<u>0</u>	<u>1.7</u>	<u>NONE</u>
2.	<u>0</u>	<u>1.9</u>	<u>NONE</u>
3.	<u>0</u>	<u>1.9</u>	<u>NONE</u>
Avg.	<u>0</u>	<u>1.8</u>	<u>NONE</u>

CRITERIA: FAR 25.853, Amdt 25-116

	<u>(a), 1, (i)</u>	<u>(a), 1, (ii)</u>
Maximum Burn Time	15 seconds	15 second
Maximum Burn Length	6 inches	8 inches
Maximum Longest Burning Particle	3 seconds	5 seconds
Pass/Fail	<u>Pass</u>	

TESTED BY:

KENT W. WENGEROTH

DATE COMPLETED

05/20/09

WITNESSED BY:

[Signature]

FAA Form 8110-25(1-79)

Satisfy Your Burning Desires