

## Appendix F – Laboratories Actively Using Fire Test Procedures

The companies listed in table F-1 (as reported to us) are actively using the fire test procedures in this Handbook (this list is not complete or all-inclusive).

**Table F-1. Laboratories Actively Using Fire Test Procedures**

LABORATORY/COMPANY NAME	TESTS CONDUCTED
<p>ACES, Inc.                      202 N. Park Street                      P.O. Box 411                      Maize, KS 67101                      Phone: 316-265-8335                      Fax: 316-221-1039                      Website: <a href="http://www.aces.aero">www.aces.aero</a></p>	<p>Chapters: 1*, 2*, 3*, 4*, 5*, 6*, 7*, 8*, 10*, 12*, 23*, 24*, 25*</p>
<p>AccuFleet Testing Services, Inc.                      1959 S. Starpoint Drive                      Houston, TX 77032                      Phone: 281-999-8800 Ext. 1111                      Email: <a href="mailto:TEST@AccuFleetTesting.com">TEST@AccuFleetTesting.com</a>                      Website: <a href="http://www.AccuFleetTesting.com">www.AccuFleetTesting.com</a></p>	<p>Chapters: 1*, 2*, 3*, 4* 5*, 6*, 7*, 8* 15*, 18*, 19*, 22*, 23*, 24*, 25*, 26*</p>
<p>Aero Technologies, LLC, a 3M Company                      7911 Zionsville Road                      Indianapolis, IN 46268                      Phone: 317-982-3304                      Website: <a href="http://www.ears.com">www.ears.com</a>                      Contact: Mary Colston                      Email: <a href="mailto:mary.colston@mmm.com">mary.colston@mmm.com</a></p>	<p>Chapters: 1, 3, 23 (not offered commercially)</p>
<p>Aeroblaze Laboratory                      12819 Harmon Road, Bldg. 575                      Fort Worth, TX 76177                      Phone: 817-668-0628                      Email: <a href="mailto:info@aeroblazelab.com">info@aeroblazelab.com</a>                      Website: <a href="http://www.aeroblazelab.com">www.aeroblazelab.com</a></p>	<p>Chapters: 1*, 2*, 3*, 4*, 7*, 8*, 10*, 12*, 15*, 18*</p>
<p>Aeroworks Composites BV                      Laan van Ypenburg 48                      2497GB Den Haag                      The Netherlands                      Phone: +31 70 415 1921                      Email: <a href="mailto:testlab@aeroworks.nl">testlab@aeroworks.nl</a>                      Contact: Oscar Toet                      Website: <a href="http://www.aeroworks.nl">www.aeroworks.nl</a></p>	<p>Chapters: 1*, 2*, 3*, 4*, 5*, 6*, 10*, 18*</p>

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<p>AIM Aerospace Inc.  705 S.W. 7<sup>th</sup> Street  Renton, WA 98057  Phone: 425-235-2750  Fax: 425-228-0761  Website: <a href="http://www.aim-aerospace.com">www.aim-aerospace.com</a></p>	<p>Chapters: 1*, 2*, 3*, 4*, 5*, 6*</p>
<p><b>AIM Altitude UK Ltd</b>  <b>(formerly AIM Composites Limited)</b>  Pembroke Avenue  Waterbeach, Cambridge, CB25 9QR  United Kingdom  Phone: (44) 1223 441000  Website: <a href="http://www.aimaltitude.com">www.aimaltitude.com</a>  Email: <a href="mailto:cambridgelabs@aimaltitude.com">cambridgelabs@aimaltitude.com</a></p>	<p>Chapters: 1*, 2*, 3*, 4*, 5*, 6*, 7*</p>
<p><del>Air Capital Certification Services, Inc.</del>  (see Lee Products Engineering Services, Inc.)  <del>2946 S. Hydraulic Street</del>  <del>Wichita, KS 67216</del>  <del>Phone: 316-524-4466</del>  <del>Fax: 316-524-4455</del>  <del>Email: <a href="mailto:relossin@lpsionline.com">relossin@lpsionline.com</a></del>  <del>Website: <a href="http://www.lpsionline.com">www.lpsionline.com</a></del></p>	<p><del>Chapters: 1*, 2*, 3*</del></p>
<p>Airbus Operations GmbH  Department IACMB2  Fire Safety &amp; Engineering Test  <b>Cornelius-Edzard-Straße 15</b>  28199 Bremen, Germany  Phone: (49) 421 538 6209/4860  Fax: (49) 421 538 3999/4852  Email: <a href="mailto:firetestlab@airbus.com">firetestlab@airbus.com</a>  Website: <a href="http://www.airbus.com">www.airbus.com</a></p>	<p>Chapters: 1*, 2*, 3*, 4*, 5*, 6*, 7*, 8*, 15*, 19*, 23*, 24*  Chapters: 11, 12, 13, 14, 25  (not offered commercially)</p>
<p>Andrew Muirhead &amp; Son Limited  273-289 Dunn Street  Glasgow, Scotland, UK G40 3EA  Phone: (44) (0) 141 554 3724  Fax: (44) (0) 141 554 4741  Website: <a href="http://www.muirhead.co.uk">www.muirhead.co.uk</a></p>	<p>Chapters: 1*, 6*</p>
<p>Blue Flame Laboratory  1612 Lima Drive  San Luis Obispo, CA 93405-6815  Phone: 805-440-0073  Email: <a href="mailto:coleeminger@charter.net">coleeminger@charter.net</a></p>	<p>Chapters: 1*, 2*, 3*, 4*</p>
<p>Boeing – BR&amp;T HB  Boeing Technology Services  P.O. Box 3707, MC 1W-02  Seattle, WA 98124-2207  Phone: 206-544-2699  Website: <a href="http://www.boeing.com/bts">www.boeing.com/bts</a>  Email: <a href="mailto:micheal.e.jensen@boeing.com">micheal.e.jensen@boeing.com</a></p>	<p>Chapters: 1*, 2*, 3*, 4*</p>

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Boeing Research and Technology Boeing Technology Services P.O. Box 3707, MC 1W-02 Seattle, WA 98124-2207 Phone: 206-544-2699 Website: <a href="http://www.boeing.com/bts">www.boeing.com/bts</a> Email: <a href="mailto:yaw.s.agyei@boeing.com">yaw.s.agyei@boeing.com</a>	Chapters: 1*, 2*, 3*, 4*, 5*, 6*, 9*
Boeing Test and Evaluation Boeing Technology Services P.O. Box 3707, MC 1W-02 Seattle, WA 98124-2207 Phone: 206-544-2699 Website: <a href="http://www.boeing.com/bts">www.boeing.com/bts</a> Email: <a href="mailto:john.w.vance@boeing.com">john.w.vance@boeing.com</a>	Chapters: 7*, 8*, 10*, 12*, 14*, 15*, 24* Chapter: 11 (not commercially available)
Boeing Research and Technology Interiors Responsibility Center 9775 Patriot Blvd Ladson, South Carolina 29456 Phone: 843-642-4788 Website: <a href="http://www.boeing.com/bts">www.boeing.com/bts</a>	Chapters: 1*, 2*, 3*, 5*, 6*
Centennial Aircraft Interiors, Inc. 7405 Peoria Street Englewood, CO 80112 Phone: 303-649-9296 Website: <a href="http://www.centennialaircraft.com">www.centennialaircraft.com</a> Email: <a href="mailto:cenaircraft@aol.com">cenaircraft@aol.com</a> Contact: Dave Sharpnack	Chapters: 1*, 3*, 4*
CHESTNUT RIDGE FOAM INC. 443 Warehouse Drive Latrobe, PA 15650 Phone: 800-234-2734 Website: <a href="http://www.chestnutridgefoam.com">www.chestnutridgefoam.com</a>	Chapters: 1*, 6*, 7*
John R. Colao, Inc. 1299 Wooden Valley Crossroad Napa, CA 94558 Phone: 707-425-9666 Email: <a href="mailto:colao@earthlink.net">colao@earthlink.net</a>	Chapters: 1*, 2*, 3*, 4*
Collins Aerospace 175 Oak Plaza Drive Winston-Salem, NC 27105 Phone: 336-747-5000 Website: <a href="http://www.collinsaerospace.com">www.collinsaerospace.com</a> Contact: David Gernhart, Flammability Lab Manager Email: <a href="mailto:David.Gernhart@Collins.com">David.Gernhart@Collins.com</a>	Chapters: 1, 3, 4, 5, 6, 7 (not offered commercially)

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<p>CTA, Aeronautical Technologies Center  Parque Tecnologico de Alava  01510 Minano, Alava, Spain  Phone: (34) 945 296 924  Fax: (34) 945 296 923  Website: www.ctaero.com</p>	<p>Chapters: 1*, 2*, 3*, 4*, 5*, 6*,  7*, 8*, 12*, 15*, 23*</p>
<p>Currenta GmbH &amp; Co. OHG  Chempark, Geb. B411  D-51368 Leverkusen, Germany  Phone: (49) 214 30 34416  Fax: (49) 214 30 96 34416  Website: www.fire-testing.eu  Email: brandtechnologie@currenta.de</p>	<p>Chapters: 1*, 5*, 6*</p>
<p>CUSTOM SCIENTIFIC INSTRUMENTS INC. – CSI  Testing Laboratories  1125 Conroy Place  Forks Township  Easton, PA 18040  Phone: 610-923-6500  Fax: 610-923-6543  Website: www.CSItestlab.com</p>	<p>Chapters: 1*, 2*, 3*, 4*, 5*, 23*,  24*</p>
<p>DGA Techniques Aeronautiques  Centre d'Essais Aeronautiques de Toulouse  47 rue Saint-Jean  BP 93123  31131 Balma Cedex, France  Phone: (33) 5 6257 5050/5428  Fax: (33) 5 6257 5032</p>	<p>Chapters: 1*, 2*, 3*, 4*, 5*, 6*,  7*, 8*, 12*, 15*, 23*, 24*</p>
<p>DLR-Material Test Center - Fire Performance  Eugen-Saenger-Str. 50  29328 Fassberg, Germany  Phone: (49) 551 709 2115  Fax: (49) 551 709 12115</p>	<p>Chapters: 1*, 2*, 3*, 4*, 5*, 6*,  7*, 8*, 10*, 11*, 12*, 15*, 19*</p>
<p>Duncan Aviation, Inc.  15745 S. Airport Road  Battle Creek, MI 49015  Phone: 269-969-8400  Fax: 269-968-8273  Website: www.duncanaviation.com</p>	<p>Chapters: 1*, 2*, 3*, 4*, 10*</p>

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<p>Element Los Angeles  1857 Business Center Drive  Duarte, CA 91010  Phone: 818-247-4106  Fax: 818-247-4537  Website: <a href="https://www.element.com/locations/the-americas/los-angeles">https://www.element.com/locations/the-americas/los-angeles</a></p>	<p>Chapters: 1*, 2*, 3*, 4*, 5*, 6*, 19*</p>
<p>Element Materials Technology  (formerly Exova Canada)  2395 Speakman Drive  Mississauga, Ontario  Canada L5K 1B3  Phone: 905-822-4111  Fax: 905-823-1446  Website: <a href="http://www.element.com">www.element.com</a>  Email: <a href="mailto:contact.us@element.com">contact.us@element.com</a></p>	<p>Chapters: 1*, 2*, 3*, 6*, 19*</p>
<p>Element Minneapolis  9725 Girard Avenue South  Minneapolis, MN 55431-2621  Phone: 1-952-888-7795  Fax: 952-888-6345  Website:  <a href="https://www.element.com/locations/usa/minneapolis">https://www.element.com/locations/usa/minneapolis</a></p>	<p>Chapters: 1*, 2*, 3*, 4*, 11*, 12*, 13*, 14*</p>
<p>Embraer Engineering and Technology Center  1400 General Aviation Drive  Melbourne, FL 32935  Phone: 321-752-8650  Fax: 321-752-3000  Email: <a href="mailto:russell.wilcken@embraer.com">russell.wilcken@embraer.com</a>  Website: <a href="http://embraer.com">http://embraer.com</a></p>	<p>Chapters: 1*, 2*, 3*, 4*</p>
<p>Embraer Flammability Laboratory  Av. Brigadeiro Faria Lima, 2170  12227-901, Sao Jose dos Campos – SP  Brazil  Phone: (55) 12 3927 2049  Website: <a href="http://www.embraer.com">www.embraer.com</a></p>	<p>Chapters: 1, 2, 3, 4, 5, 6, 7, 8, 10, 11, 12, 13, 15, 18, 19, 23, 24 (no tests offered commercially)</p>

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<p><del>Exova Canada (see Element Materials Technology)</del>  <del>2395 Speakman Drive</del>  <del>Mississauga, Ontario</del>  <del>Canada L5K 1B3</del>  <del>Phone: 905-822-4111</del>  <del>Fax: 905-823-1446</del>  <del>Website: www.element.com</del>  <del>Email: contact.us@element.com</del></p>	<p><del>Chapters: 1*, 2*, 3*, 6*, 19*</del></p>
<p><del>Exova GmbH (see Warringtonfire Frankfurt GmbH)</del>  <del>Industriepark Hoechst, Building C 369</del>  <del>65926 Frankfurt am Main, Germany</del>  <del>Phone: (49) (0) 69 3 05 3476</del>  <del>Fax: (49) (0) 69 3 05 1 70 71</del>  <del>Website: www.exova.com</del>  <del>Email: ebh@exova.com</del></p>	<p><del>Chapters: 1*, 2*, 3*, 4*, 6*, 7*</del></p>
<p>Flame-Tek, LLC  1515 North Center Street, Suite #1  Lonoke, AR 72086  Phone: 208-569-6093  Website: www.flame-tek.com  Email: brad.shelton@flame-tek.com</p>	<p>Chapters: 1*, 2*, 3*, 4*, 23*</p>
<p>Franklin Products, Inc.  153 Water Street  Torrington, CT 06790  Phone: 860-482-0266  Fax: 860-482-6759  Website: www.franklinproducts.net  Email: jshailer@franklinproducts.net</p>	<p>Chapter: 1*</p>
<p>General Plastics Manufacturing Company  4910 Burlington Way  Tacoma, WA 98409  Phone: 253-473-5000  Website: www.generalplastics.com  Email: tod_maurmann@generalplastics.com</p>	<p>Chapters: 1*, 2*, 3*, 5*, 6*, 7*</p>
<p>Greiner aerospace d.o.o.  Goliješnica bb  72230 Žepče, Bosnia and Herzegovina  Phone: +387 32889 018  Fax: +387 32889 017  Website: www.greiner-aerospace.com  Email: office.bih@greiner-aerospace.com</p>	<p>Chapter: 1*, 3*</p>
<p>Greiner aerospace GmbH  Emesbergstrasse 33  4643 Pettenbach, Austria  Phone: +43 50 541-23222  Fax: +43 50 541-23033  Email: office.at@greiner-aerospace.com  Website: www.greiner-aerospace.com</p>	<p>Chapter: 1*, 7*</p>

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<p>HAECO Americas Cabin Solutions  5568 Gumtree Road  Winston-Salem, NC 27107  Phone: 336-464-0122  Website: www.haeco.aero</p>	Chapters: 1*, 3*, 4*, 5*, 6*, 7*
<p><del>Heath Tecna Inc. (see SAFRAN Cabin Bellingham,  Inc.)  3225 Weburn Street  Bellingham, WA 98226  Phone: 360-738-2005  Fax: 360-715-3999</del></p>	<del>Chapters: 1*, 2*, 3*, 4*, 5*, 6*</del>
<p>Herb Curry Inc.  1701 Leonard Road  P.O. Box 753  Mt. Vernon, IN 47620  Phone: 812-838-6703  Fax: 812-838-6712</p>	Chapters: 1*, 2*, 3*, 5*, 6*
<p>HUTCHINSON Fire Tech Center  JEHIER SAS – Route de St Lézin  49120 Chemillé-en-Anjou – France  Phone: +33 2 41 64 54 00  Email: FTC.HutchinsonChemille@hutchinson.com  Website: www.hutchinson.com</p>	Chapters: 1*, 6*, 23*, 24*

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ISOVOLTA AG 2355 Wiener Neudorf Austria Phone: (43) 5 9595 9305 Fax: (43) 5 9595 79305 Website: www.isovolta.com	Chapters: 1*, 2*, 3*, 5*, 6*
Isovolta, Inc. 495 Territorial Street P.O. Box 287 Harrisburg, OR 97446 Phone: 541-995-6395 Fax: 541-995-8425 Website: www.isovolta-or.us	Chapters: 1*, 2*, 5*, 6*
J3 Aviation Solutions, Inc., d/b/a Blue Flame Lab 600 PSI Drive, Suite 1 Boca Raton, FL 33431 Phone: 561-226-0105 Mobile: 561-302-6383 Contact: Arun Kapur Email: arun@akaeroservices.com Website: www.j3aviationsolutions.com	Chapters: 1*, 2*, 3*, 4*, 7*, 10*
Jamco America, Inc. 1018 80 <sup>th</sup> Street S.W. Everett, WA 98203 Phone: 425-347-4735 Email: nic_tormohlen@jamco-america.com Website: www.jamco-america.com	Chapters: 1*, 2*, 3*, 4*, 5*, 6*, 10*
Jamco Singapore Pte Ltd No. 8 Loyang Lane Singapore 508915 Phone: (65) 6417 0560 Fax: (65) 6542 0248 Website: www.sinjam.com.sg	Chapters: 1*, 2*, 3*, 5*, 6*, 7*, 23*
Krueger Testing and Consulting 14402 E. Goodwin Road Stanwood, WA 98292 Phone: 360-631-6167 Website: www.kruegerflam.com Email: keith@kruegerflam.com	Chapters: 1*, 2*, 3*, 4*, 5*, 6*, 23*

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<p>Lee Products Engineering Services, Inc. (LPESI)  Air Capital Certification Services (ACCS)  2946 S. Hydraulic Street  Wichita, KS 67216  Phone: 316-524-4466  Fax: 316-524-4455  Email: rclossin@lpesionline.com  Website: www.lpesionline.com  CONTACT: rclossin@lpesionline.com</p>	<p>Chapters: 1*, 2*, 3*</p>
<p>LEFAE (Laboratoire d'essais feu aéronautiques et électriques) – Groupe EMITECH  ZI-Stelytec – 2 Allée Isaac Newton  42400 Saint-Chamond  France  Phone: (33) 437 201 917  Fax: (33) 477 815 501  Website: www.lab-lefae.com  Email: a.gutierrez@lab-lefae.com</p>	<p>Chapters: 1*, 2*, 3*, 4*, 5*, 6*, 7*, 8*, 11*, 12*, 13*, 14*, 18*, 20*, 24*</p>
<p>Lufthansa Technik AG  Central Laboratory Services  Materials Flammability Test Center  HAM T/TQ-M  Weg beim Jaeger 193  22335 Hamburg, Germany  Phone: (49) 40 5070 2849  URL: www.Lufthansa-technik.com  Email: laboratoryservices@lht.dlh.de</p>	<p>Chapters: 1*, 2*, 3*, 4*, 5*, 6*, 10*, 18*</p>
<p><del>Northwest Aerospace Technologies, A SAFRAN Company  415 Riverside Rd.  Everett, WA 98201  Phone: 425-212-5080  Email: lori.tatum@safrangroup.com</del></p>	<p><del>Chapters: 1*, 2*, 3*, 4*, 5*, 6*</del></p>

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<p>Parker Hannifin Corporation-Stratoflex Products  Division  2575 West 5<sup>th</sup> Street  Jacksonville, FL 32254  Phone: 904-389-3400  Fax: 904-384-5874</p>	<p>Chapter: 11 (not offered commercially)</p>
<p>Parker Hannifin Corporation-Stratoflex Products  Division  220 Roberts Cutoff Road  Fort Worth, TX 76114  Phone: 817-738-6543  Fax: 817-738-9920</p>	<p>Chapter: 11 (not offered commercially)</p>
<p>Resonate Testing Limited  Unit 1, Bridge Technology Park  Carnagat Lane  Newry, BT35 8XF  United Kingdom  Phone: 44 (0) 2890 736 390  Website: www.resonate-testing.com  Email: info@resonate-testing.com</p>	<p>Chapters: 1*, 2*, 3*, 4*, 7*, 8*, 11*, 12*, 24*, 25*</p>
<p>RESCOLL Technical Centre of Materials  8 Allee Geoffroy St, Hilaire  33615 Pessac, France  Phone: (33) 547 74 69 00  Website: www.rescoll.fr  Email: rescoll@rescoll.com</p>	<p>Chapters: 1*, 2*, 3*, 4*, 5*, 6*, 7*, 8*, 12*, 23*</p>
<p><b>S 7 ENGINEERING LLC</b>  (formerly Sibir Technics LLC)  Flammability Test Laboratory  Mozzherin avenue, 12, Ob town  Novosibirsk region, 633102  Russian Federation  Phone: +7 (383) 359-91-47  Fax: +7 (383) 3599-048  Website: www.s7technics.ru  Email: FTL@s7.ru</p>	<p>Chapters: 1*, 2*, 3*, 4*, 7*</p>
<p><b>SAFRAN Cabin Inc.</b>  5701 Bolsa Ave  Huntington Beach, CA, United States  Phone: 714-934-2722  Email: Jessica.Cambron@safrangroup.com</p>	<p>Chapters: 1, 2, 3, 4, 6, 10, 19</p>

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<p>SAFRAN Cabin Germany GmbH - Test Center  (formerly Zodiac Aerospace-Sell GmbH)  Dr.-Siegfried-Strasse  35745 Herborn  Germany  Contact: Heiko Mueller  heiko.mueller@safrangroup.com  Phone: (49) 2772 707-541  Fax: (49) 2772 707-133  Website: www.safran-cabin.com</p>	<p>Chapters: 1*, 2*, 3*, 4*, 5*, 6*, 10*</p>
<p>Schneller Inc. Corporate Office  6019 Powdermill Road  Kent, OH 44240  Phone: 330-676-7156  Fax: 330-673-6374  Website: www.schneller.com</p>	<p>Chapters: 1*, 5*, 6*</p>
<p>SEKISUI KYDEX, LLC  6685 Low Street  Bloomsburg, PA 17815  Phone: 570-387-6997  Website: www.kydex.com  Email: techservice@kydex.com</p>	<p>Chapters: 1*, 5*, 6*</p>
<p>SGS Govmark Testing Services Inc.  96 Allen Boulevard, Suite D  Farmingdale, NY 11735-5626  Phone: 631-293-8944  Fax: 631-293-8956  Website: www.govmark.com</p>	<p>Chapters: 1*, 2*, 3*, 4*, 5*, 6*, 7*, 8*, 12*, 14*, 15*, 18*, 19*, 23*, 24*, 25*</p>
<p><del>Sibir Technics LLC (see S 7 Engineering LLC)  Flammability Test Laboratory  Mozzherin avenue, 12, office B207, Ob town  Novosibirsk region, 633102  Russian Federation  Phone: +7 (383) 3599 013  Fax: +7 (383) 3599 048  Website: www.s7technics.ru  Email: FTL@s7.ru</del></p>	<p>Chapters: 1*, 2*, 3*, 4*, 7*</p>
<p>Skandia, Inc.  5000 North Highway 251  Davis Junction, IL 61020  Phone: 815-393-4600  Fax: 815-393-3501  Website: www.skandia-inc.com</p>	<p>Chapters: 1*, 2*, 3*, 4*, 5*, 6*, 7*, 9*, 10*, 19*, 23*</p>

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<p>Tapis Corporation  1121 Roundtable Drive  Dallas, TX 75247  Phone: 214-631-9700  Website: <a href="http://www.tapiscorp.com">www.tapiscorp.com</a>  Email: <a href="mailto:info@tapiscorp.com">info@tapiscorp.com</a>,  <a href="mailto:KevinHyde@tapiscorp.com">KevinHyde@tapiscorp.com</a></p>	<p>Chapters: 1*, 2*, 3*, 4*, 5*, 6*</p>
<p>Test Center of Civil Aviation Administration of  China (CAAC)  No. 765, Tengfei Rd, Southwest Airport Economic  Development Zone,  Chengdu, Sichuan, P.R. China 610041  Phone: 0086-28-64456066, or 0086-28-64456022  Fax: 0086-28-64456010  Website: <a href="http://www.fccc.org.cn">www.fccc.org.cn</a></p>	<p>Chapters: 1*, 2*, 3*, 4*, 5*, 6*,  7*, 8*, 10*, 12*, 15*, 18*, 19*,  23*, 24*</p>
<p>Testcorp  24662 Rhea Drive  Mission Viejo, CA 92691  Phone: 949-859-3569  Website: <a href="http://www.testcorp.net">www.testcorp.net</a>  Email: <a href="mailto:jnauman@testcorp.net">jnauman@testcorp.net</a> or  <a href="mailto:mnauman@testcorp.net">mnauman@testcorp.net</a></p>	<p>Chapters: 1*, 2*, 3*, 4*, 5*, 6*,  23*</p>
<p>Triumph Composite Systems, Inc.  1514 S. Flint Road  Spokane, WA 99219  Phone: 509-623-8100  Fax: 509-623-8099  Website: <a href="http://www.triumphgroup.com">www.triumphgroup.com</a></p>	<p>Chapters: 1*, 2*, 23*</p>
<p><del>TTF Aerospace LLC (closed)  4620 B St NW Suite 101  Auburn, WA 98001  Phone: 253-736-6300  Fax: 253-250-6825  Website: <a href="http://www.ttfaero.com">www.ttfaero.com</a>  Email: <a href="mailto:sales@ttfaero.com">sales@ttfaero.com</a></del></p>	<p><del>Chapters: 1*, 2*, 3*, 4*, 5*, 6*,  10*, 19*</del></p>
<p>University of Cincinnati, Fire Test Center  5997 Center Hill Avenue, Building A  Cincinnati, OH 45224  Phone: 513-641-3041 / 513-556-5743  Fax: 513-556-5038  Email: <a href="mailto:firetest@uc.edu">firetest@uc.edu</a>  Website: <a href="http://cfrl.uc.edu/ftc-index.html">http://cfrl.uc.edu/ftc-index.html</a></p>	<p>Chapters: 11, 12</p>

\*Commercial testing services offered.

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<p>Warringtonfire Frankfurt GmbH (formerly Exova GmbH) Industriepark Hoechst, Building C 369 Frankfurt am Main, 65926 Germany Phone: (49) 6950 6089 445 Fax: (49) 6950 6086 43 Contact: Domenic Kautz Email: <a href="mailto:domenic.kautz@warringtonfire.com">domenic.kautz@warringtonfire.com</a> / (49) 6950 6089 420 Website: <a href="http://www.warringtonfire.com">www.warringtonfire.com</a></p>	<p>Chapters: 1*, 2*, 3*, 4*, 6*, 7*</p>
<p><del>Zodiac Aerospace—Sell GmbH (see SAFRAN Cabin Germany GmbH - Test Center) Dr.-Siegfried-Strasse D-35745 Herborn Germany Phone: (49) 2772 707 802 Fax: (49) 2772 707 133 Website: <a href="http://www.sell-interiors.com">www.sell-interiors.com</a></del></p>	<p><del>Chapters: 1*, 2*, 3*, 4*, 5*, 6*, 10*</del></p>

## AIRCRAFT MATERIALS FIRE TEST HANDBOOK CHAPTERS

Chapter 1: Vertical Bunsen Burner Test for Cabin and Cargo Compartment Materials

Chapter 2: 45-Degree Bunsen Burner Test for Cargo Compartment Liners and Waste Stowage Compartment Materials

Chapter 3: Horizontal Bunsen Burner Test for Cabin, Cargo Compartment, and Miscellaneous Materials

Chapter 4: 60-Degree Bunsen Burner Test for Electric Wire

Chapter 5: Heat Release Rate Test for Cabin Materials

Chapter 6: Smoke Test for Cabin Materials

Chapter 7: Oil Burner Test for Seat Cushions

Chapter 8: Oil Burner Test for Cargo Liners

Chapter 9: Radiant Heat Testing of Evacuation Slides, Ramps, and Rafts

Chapter 10: Fire Containment Test of Waste Stowage Compartments

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- Chapter 11: Powerplant Hose Assemblies Test
- Chapter 12: Powerplant Fire Penetration Test
- Chapter 13: Test for Electrical Connectors Used in Firewalls
- Chapter 14: Test for Electrical Wire Used in Designated Fire Zones
- Chapter 15: Two Gallon per Hour Oil Burner Certification Testing for Repaired Cargo Compartment Liners
- Chapter 18: Recommended Procedure for the 4-Ply Horizontal Flammability Test For Aircraft Blankets
- Chapter 19: Smoke Test for Insulated Aircraft Wire
- Chapter 20: Dry Arc Tracking Test Procedure
- Chapter 21: Dry Arc-Propagation Resistance
- Chapter 22: Cotton Swab Test for Thermal Acoustic Insulation Blankets
- Chapter 23: Test Method To Determine the Flammability and Flame Propagation Characteristics of Thermal/Acoustic Insulation Materials
- Chapter 24: Test Method To Determine the Burnthrough Resistance of Thermal/Acoustic Insulation Materials
- Chapter 25: Oil Burner Flammability Test for Magnesium Alloy Seat Structure

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