

Appendix G

Commercial Manufacturers of Fire Test Equipment

The following companies (as reported to us) manufacture test and/or calibration equipment used to conduct the fire tests described in this Handbook.

Table G-1. Commercial Manufacturers of Fire Test Equipment

EQUIPMENT DESCRIPTION	SUPPLIER/MANUFACTURER
Test Chamber used for tests described in: 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 18: Recommended Procedure for the 4-Ply Horizontal Flammability Test for Aircraft Blankets.	Atlas Material Testing Technology 1500 Bishop Court Mount Prospect, IL 60056 Phone: 773-327-4520/Fax: 773-327-5787 Email: info@atlas-mts.com URL: http://www.atlas-mts.com Concept Equipment Ltd. Unit D1, Rustington Trading Estate, Dominion Way West Sussex, BN16 3HQ, United Kingdom Phone: 44 (0) 1903 784336 Email: fire@concept-e.co.uk URL: www.concept-e.co.uk Custom Scientific Instruments, Inc. 1125 Conroy Place Forks Industrial Park IV Easton, PA 18040 Phone: 610-923-6500 Fax: 610-923-6543 URL: http://www.csi-instruments.com Deatak 4004 W. Dayton Street McHenry, IL 60050 Phone: 815-322-2013/Fax: 815-679-6544 Email: instruments@deatak.com URL: www.deatak.com Fire Testing Technology Limited Charlwoods Road, East Grinstead, West Sussex, RH19 2HL, United Kingdom Tel: +44 (0)1342 323600 Fax:+44 (0)1342 323608 E-mail: sales@fire-testing.com URL: www.fire-testing.com GBH International

	2 Friars Lane Mill Valley, CA, 94941 Phone: 415-388-8278/FAX: 415-795-9618 Email: sales@gbhinternational.com URL: www.gbhinternational.com Govmark 96-D Allen Boulevard Farmingdale, NY 11735-5626 Phone: 631-293-8944/Fax: 631-293-8956 Email: info@govmark.com URL: http://www.govmark.com Ineltec – Equipos de simulación y ensayo, S.L. C/Metal·lurgia, 8 - Pol. Ind. Les Goules 08551 Tona – Barcelona, Spain Phone: +34 938 601 500 E-mail: ineltec@ineltec.es URL: www.ineltec.es (excluding test chamber described in Chapter 4). MarlinEngineering, Inc. 2200 Division Street, Suite A Bellingham, WA 98226 Phone: 360-671-0155 Email: sales@marlinengineer.com URL: http://www.marlinengineer.com Thermtech Industries LLC 8526 South Elwood Tulsa, OK 74132 Phone: 918-630-3659 Email: sales@thermtechindustries.com URL: http://www.thermtechindustries.com
EQUIPMENT DESCRIPTION	SUPPLIER/MANUFACTURER
Test Apparatus described in: Chapter 4: 60-Degree Bunsen Burner Test for Electric Wire.	Ineltec – Equipos de simulación y ensayo, S.L. C/Metal·lurgia, 8 - Pol. Ind. Les Goules 08551 Tona – Barcelona, Spain Phone: +34 938 601 500 E-mail: ineltec@ineltec.es URL: www.ineltec.es

EQUIPMENT DESCRIPTION	SUPPLIER/MANUFACTURER
Rate of Heat Release Apparatus described in: Chapter 5: Heat Release Rate Test for Cabin Materials.	Concept Equipment Ltd. Unit D1, Rustington Trading Estate, Dominion Way West Sussex, BN16 3HQ, United Kingdom Phone: 44 (0) 1903 784336 Email: fire@concept-e.co.uk URL: www.concept-e.co.uk Custom Scientific Instruments, Inc. 1125 Conroy Place Forks Industrial Park IV Easton, PA 18040 Phone: 610-923-6500 Fax: 610-923-6543 URL: http://www.csi-instruments.com Deatak 4004 W. Dayton Street McHenry, IL 60050 Phone: 815-322-2013/Fax: 815-679-6544 Email: instruments@deatak.com URL: www.deatak.com Fire Testing Technology Limited Charlwoods Road, East Grinstead, West Sussex, RH19 2HL, United Kingdom Tel: +44 (0)1342 323600 Fax:+44 (0)1342 323608 E-mail: sales@fire-testing.com URL: www.fire-testing.com GBH International 2 Friars Lane Mill Valley, CA, 94941 Phone: 415-388-8278/FAX: 415-795-9618 Email: sales@gbhinternational.com URL: www.gbhinternational.com Govmark 96-D Allen Boulevard Farmingdale, NY 11735-5626 Phone: 631-293-8944/Fax: 631-293-8956 Email: info@govmark.com URL: http://www.govmark.com Ineltec – Equipos de simulación y ensayo, S.L. C/Metal·lurgia, 8 - Pol. Ind. Les Goules

	08551 Tona – Barcelona, Spain Phone: +34 938 601 500 E-mail: ineltec@ineltec.es URL: www.ineltec.es MarlinEngineering, Inc. 2200 Division Street, Suite A Bellingham, WA 98226 Phone: 360-671-0155 Email: sales@marlinengineer.com URL: http://www.marlinengineer.com
EQUIPMENT DESCRIPTION	SUPPLIER/MANUFACTURER
Smoke Density Chamber described in: Chapters 6: Smoke Test for Cabin Materials; Chapter 19: Smoke Test for Insulated Aircraft Wire.	Concept Equipment Ltd. Unit D1, Rustington Trading Estate, Dominion Way West Sussex, BN16 3HQ, United Kingdom Phone: 44 (0) 1903 784336 Email: fire@concept-e.co.uk URL: www.concept-e.co.uk Deatak 4004 W. Dayton Street McHenry, IL 60050 Phone: 815-322-2013 Fax: 815-679-6544 Email: instruments@deatak.com URL: www.deatak.com Fire Testing Technology Limited Charlwoods Road, East Grinstead, West Sussex, RH19 2HL, United Kingdom Tel: +44 (0)1342 323600 Fax:+44 (0)1342 323608 E-mail: sales@fire-testing.com URL: www.fire-testing.com GBH International 2 Friars Lane Mill Valley, CA, 94941 Phone: 415-388-8278/FAX: 415-795-9618 Email: sales@gbhinternational.com URL: www.gbhinternational.com Govmark 96-D Allen Boulevard Farmingdale, NY 11735-5626 Phone: 631-293-8944/Fax: 631-293-8956

	Ineltec – Equipos de simulación y ensayo, S.L. C/Metal·lurgia, 8 - Pol. Ind. Les Goules 08551 Tona – Barcelona, Spain Phone: +34 938 601 500 E-mail: ineltec@ineltec.es URL: www.ineltec.es MarlinEngineering, Inc. 2200 Division Street, Suite A Bellingham, WA 98226 Phone: 360-671-0155 Email: sales@marlinengineer.com URL: http://www.marlinengineer.com Newport Scientific, Inc. 8246-E Sandy Court Jessup, MD 20794 Phone: 301-498-6700/Fax: 301-490-2313 Email: newport888@aol.com URL: http://www.newport-scientific.com Email: info@govmark.com URL: http://www.govmark.com
EQUIPMENT DESCRIPTION	SUPPLIER/MANUFACTURER
Water-cooled calorimeter described in: Chapter 5: Heat Release Rate Test for Cabin Materials; Chapter 8: Oil Burner Test for Cargo Liners; Chapter 9: Radiant Heat Testing of Evacuation Slides, Ramps, and Rafts; Chapter 11: Powerplant Hose Assemblies Test Chapter 12: Powerplant Fire Penetration Test.	Ineltec – Equipos de simulación y ensayo, S.L. C/Metal·lurgia, 8 - Pol. Ind. Les Goules 08551 Tona – Barcelona, Spain Phone: +34 938 601 500 E-mail: ineltec@ineltec.es URL: www.ineltec.es Medtherm Corporation 2604 Newby Road Huntsville, AL 35805 Phone: 256-837-2000/Fax: 256-837-2001 Email: medthermco@aol.com URL: http://www.metherm.com Vatell Corporation 240 Jannelle Road Christiansburg, VA 24073 Phone: 540-961-3576/Fax: 540-953-3010 Email: mkt@vatell.com URL: http://www.vatell.com (Supplier of Thermogage products for heat-flux sensing and calibration).

EQUIPMENT DESCRIPTION	SUPPLIER/MANUFACTURER
Insulation/backing material used for specimen preparation, calorimeter mounting, baffle, etc., described in: 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 11: Powerplant Hose Assemblies Test; Chapter 12: Powerplant Fire Penetration Test.	Ineltec – Equipos de simulación y ensayo, S.L. C/Metal·lurgia, 8 - Pol. Ind. Les Goules 08551 Tona – Barcelona, Spain Phone: +34 938 601 500 E-mail: ineltec@ineltec.es URL: www.ineltec.es Thermal Ceramics 2102 Old Savannah Road Augusta, GA 30906 Phone: 706-796-4200/Fax: 706-976-4398 Email: tc ceramics@thermalceramics.com URL: http://www.morganthermalceramics.com
EQUIPMENT DESCRIPTION	SUPPLIER/MANUFACTURER
Oil Burner Test Rigs described in: Chapter 7: Oil Burner Test for Seat Cushions; Chapter 8: Oil Burner Test for Cargo Liners; Chapter 12: Powerplant Fire Penetration Test; Chapter 15: Two Gallon Per Hour Oil Burner Certification Testing for Repaired Cargo Compartment Liners.	Deatak 4004 W. Dayton Street McHenry, IL 60050 Phone: 815-322-2013 Fax: 815-679-6544 Email: instruments@deatak.com URL: www.deatak.com Govmark 96-D Allen Boulevard Farmingdale, NY 11735-5626 Phone: 631-293-8944/Fax: 631-293-8956 Email: info@govmark.com URL: http://www.govmark.com Ineltec – Equipos de simulación y ensayo, S.L. C/Metal·lurgia, 8 - Pol. Ind. Les Goules 08551 Tona – Barcelona, Spain Phone: +34 938 601 500 E-mail: ineltec@ineltec.es URL: www.ineltec.es MarlinEngineering, Inc. 2200 Division Street, Suite A Bellingham, WA 98226 Phone: 360-671-0155 Email: sales@marlinengineer.com URL: http://www.marlinengineer.com

EQUIPMENT DESCRIPTION	SUPPLIER/MANUFACTURER
Aircraft Blanket Tester described in: Chapter 18: Recommended Procedure for the 4-Ply Horizontal Flammability Test for Aircraft Blankets.	Concept Equipment Ltd. Unit D1, Rustington Trading Estate, Dominion Way West Sussex, BN16 3HQ, United Kingdom Phone: 44 (0) 1903 784336 Email: fire@concept-e.co.uk URL: www.concept-e.co.uk Deatak 4004 W. Dayton Street McHenry, IL 60050 Phone: 815-322-2013/Fax: 815-679-6544 Email: instruments@deatak.com URL: www.deatak.com Fire Testing Technology Limited Charlwoods Road, East Grinstead, West Sussex, RH19 2HL, United Kingdom Tel: +44 (0)1342 323600 Fax:+44 (0)1342 323608 E-mail: sales@fire-testing.com URL: www.fire-testing.com GBH International 2 Friars Lane Mill Valley, CA, 94941 Phone: 415-388-8278/FAX: 415-795-9618 Email: sales@gbhinternational.com URL: www.gbhinternational.com Govmark 96-D Allen Boulevard Farmingdale, NY 11735-5626 Phone: 631-293-8944/Fax: 631-293-8956 Email: info@govmark.com URL: http://www.govmark.com Ineltec – Equipos de simulación y ensayo, S.L. C/Metal·lurgia, 8 - Pol. Ind. Les Goules 08551 Tona – Barcelona, Spain Phone: +34 938 601 500 E-mail: ineltec@ineltec.es URL: www.ineltec.es

EQUIPMENT DESCRIPTION	SUPPLIER/MANUFACTURER
Radiant Heat Panel Test Apparatus described in: Chapter 23: Test Method to Determine the Flammability and Flame Propagation Characteristics of Thermal/Acoustic Insulation Materials.	Concept Equipment Ltd. Unit D1, Rustington Trading Estate, Dominion Way West Sussex, BN16 3HQ, United Kingdom Phone: 44 (0) 1903 784336 Email: fire@concept-e.co.uk URL: www.concept-e.co.uk Deatak 4004 W. Dayton Street McHenry, IL 60050 Phone: 815-322-2013/Fax: 815-679-6544 Email: instruments@deatak.com URL: www.deatak.com Fire Testing Technology Limited Charlwoods Road, East Grinstead, West Sussex, RH19 2HL, United Kingdom Tel: +44 (0)1342 323600 Fax:+44 (0)1342 323608 E-mail: sales@fire-testing.com URL: www.fire-testing.com GBH International 2 Friars Lane Mill Valley, CA, 94941 Phone: 415-388-8278/FAX: 415-795-9618 Email: sales@gbhinternational.com URL: www.gbhinternational.com Govmark 96-D Allen Boulevard Farmingdale, NY 11735-5626 Phone: 631-293-8944/Fax: 631-293-8956 Email: info@govmark.com URL: http://www.govmark.com Ineltec – Equipos de simulación y ensayo, S.L. C/Metal·lurgia, 8 - Pol. Ind. Les Goules 08551 Tona – Barcelona, Spain Phone: +34 938 601 500 E-mail: ineltec@ineltec.es URL: www.ineltec.es MarlinEngineering, Inc. 2200 Division Street, Suite A

	Bellingham, WA 98226 Phone: 360-671-0155 Email: sales@marlinengineer.com URL: http://www.marlinengineer.com
EQUIPMENT DESCRIPTION	SUPPLIER/MANUFACTURER
NexGen Burner Test Rig described in: Chapter 24: Test Method to Determine the Burnthrough Resistance of Thermal/Acoustic Insulation Materials.	Concept Equipment Ltd. Unit D1, Rustington Trading Estate, Dominion Way West Sussex, BN16 3HQ, United Kingdom Phone: 44 (0) 1903 784336 Email: fire@concept-e.co.uk URL: www.concept-e.co.uk Custom Scientific Instruments, Inc. 1125 Conroy Place Forks Industrial Park IV Easton, PA 18040 Phone: 610-923-6500 Fax: 610-923-6543 URL: http://www.csi-instruments.com Deatak 4004 W. Dayton Street McHenry, IL 60050 Phone: 815-322-2013/Fax: 815-679-6544 Email: instruments@deatak.com URL: www.deatak.com Govmark 96-D Allen Boulevard Farmingdale, NY 11735-5626 Phone: 631-293-8944/Fax: 631-293-8956 Email: info@govmark.com URL: http://www.govmark.com Ineltec – Equipos de simulación y ensayo, S.L. C/Metal·lurgia, 8 - Pol. Ind. Les Goules 08551 Tona – Barcelona, Spain Phone: +34 938 601 500 E-mail: ineltec@ineltec.es URL: www.ineltec.es MarlinEngineering, Inc. 2200 Division Street, Suite A Bellingham, WA 98226 Phone: 360-671-0155 Email: sales@marlinengineer.com

	URL: http://www.marlinengineer.com
EQUIPMENT DESCRIPTION	SUPPLIER/MANUFACTURER
NexGen Burner for Magnesium Alloy Seat Component Test as described in: Chapter 25: Oil Burner Flammability Test for Magnesium Alloy Seat Structure.	Concept Equipment Ltd. Unit D1, Rustington Trading Estate, Dominion Way West Sussex, BN16 3HQ, United Kingdom Phone: 44 (0) 1903 784336 Email: fire@concept-e.co.uk URL: www.concept-e.co.uk Deatak 4004 W. Dayton Street McHenry, IL 60050 Phone: 815-322-2013 Fax: 815-679-6544 Email: instruments@deatak.com URL: www.deatak.com MarlinEngineering, Inc. 2200 Division Street, Suite A Bellingham, WA 98226 Phone: 360-671-0155 Email: sales@marlinengineer.com URL: http://www.marlinengineer.com