IMPORTANT NOTICE: A hard copy of this document may not be the document currently in effect. The current version is always the version on the Lockheed Martin Network. Signatures on file.

APPROVAL NUMBER

G. Becht PROCESS SPECIFICATION <u>5PTPTT09-QPL-2</u>

ENGINEERING QUALIFIED PRODUCERS LIST FOR DATE

<u>G. Becht</u> 5PTPTT09 <u>1 Jun 2015</u>

COMPOSITE MATERIALS, BATCH ACCEPTANCE TEST METHODS FOR

Page 1 of 3
CAGE CODE 81755

F-22 PROGRAM INFORMATION

DISTRIBUTION STATEMENT D: Distribution authorized to Department of Defense and U.S. DoD contractors only to control critical technology; June 2015. Other requests for this document shall be referred to F-22 System Program Office, AFLCMC/WWUU, Bldg. 553, 2725 C Street, Wright-Patterson AFB, OH 45433-7424.

WARNING: This document contains technical data whose export is restricted by the Arms Export Control Act (Title 22, U.S.C., Sec. 2751 et seq.) or the Export Administration Act (Title 50, U.S.C., App. 2401-2420). Violation of these export laws are subject to severe criminal penalties.

DESTRUCTION NOTICE: For classified documents, follow the procedures in DoD 5220.22-M, National Industrial Security Program Operating Manual (NISPOM), and Joint Air Force-Army-Navy (JAFAN) 6/0 Special Access Program Manual for Special Access Required (SAR) information. For unclassified, limited documents, destroy by any method that will prevent disclosure of contents or reconstruction of the document.

COPYRIGHT: ©2015 Lockheed-Martin Corporation. The Boeing Company. Unpublished Work. All Rights Reserved. This material may be reproduced by or for the U. S. Government pursuant to the copyright license under the clause at DFARS 252.227-7013 (February 2012).

All pages bear the same revision.

Revised material is indicated by a vertical line or bar |.

QUALIFIED PRODUCERS LIST FOR 5PTPTT09

Q3/12II 123 1 1(32332	ADDDOVED	1
SUPPLIER	APPROVED METHODS	QUALIFICATION DATE
The Boeing Company Composite Materials Laboratory 9725 East Marginal Way South Tukwila, WA 98108	<1>	29 July 1993
LM Aero Process Control 1 Lockheed Blvd / MZ 6618 Fort Worth, Texas 76108 LM Aero Engineering Test Lab 1 Lockheed Blvd / MZ 5860 Fort Worth, Texas 76108	<1>	29 July 1993
LM Aero Engineering Test Lab 86 South Cobb Drive Marietta, GA 30063 Bldg/L-9: MZ/0642	<1>	29 July 1993
LM Aero Palmdale Test Services 1011 Lockheed Way Palmdale, CA 93599 Dept 2737	<1>	29 July 1993
Element Los Angeles <5> 1857 Business Center Drive Duarte, CA 91010	<1>	30 May 2015
Integrated Technologies 1910 Merrill Creek Parkway Everett, WA 98203	<1>	29 July 1993
Cytec Engineered Materials 1440 N. Kraemer Blvd. Anaheim, CA 92806	<1>	29 July 1993
Cytec Engineered Materials 4300 Jackson Street Greenville, TX 75402	<1>	29 July 1993
Hexcel Composite Materials P.O. Box 18748 Salt Lake City, UT 84118	<1>	4 June 2003
GKN Westland Aerospace – Alabama 3951 Alabama Highway 229 Tallassee, AL 36078	<2>	14 March 2002

Use and/or disclosure are governed by the statement on the title page of this document.

SUPPLIER	APPROVED METHODS	QUALIFICATION DATE
General Dynamics – Armament & Technical Products Marion Operations 150 Johnston Road Marion, VA 24354	<2>	21 March 2002
Hitco Carbon Composites 1600 West 135 th Street Gardena, CA 90249-2506	<2>	26 November 2002
Alliant TechSystems – Clearfield Operations P. O. Box 160433 Freeport Center Clearfield, UT 84016-0433	<2>	14 January 2003
Ducommun Aerostructures 801 Royal Oaks Drive Monrovia, CA 91016	<2>	2 December 2003
Vought Aircraft Industries, Inc. P. O. Box 655907 Dallas, TX 75265-5907	<2>	18 February 2004
GKN Aerospace Services 142 J.S. McDonnell Blvd. St. Louis, MO 63042	<3> <4>	23 April 2003 12 July 2007

NOTES:

- <1> Supplier is approved to perform all tests listed in 5PTPTT09
- <2> Supplier is only approved to perform 90/0 Tension (Method 4.7) and 90/0 Compression (Method 4.8) tests for material which will be consumed internally by the supplier performing the tests.
- <3> Supplier is approved to perform Resin Content (Method 1.2), Fiber Areal Weight (Method 1.3) and Cured Ply Thickness (Method 2.3) tests.
- <4> Supplier is approved to perform 90/0 Tension (Method 4.7) and 90/0 Compression (Method 4.8) tests.
- <5> Formerly Delsen Testing Laboratories