



*Responsive. Credible. Relevant.*

**DR. MICHAEL J. DREIKORN**  
**CURRICULUM VITAE**

12/30/2013

Name: Michael J. Dreikorn

Address: 5697 Bay Point Rd., Bokeelia, FL 33922

DoB: 08/05/1961

Area of Expertise: Complex issues related to quality and regulatory compliance in design, production, maintenance, supply-chain, and certification in the Aviation, Space, and Defense industry.

Education: EdD Human Resource and Organizational Development; The George Washington University (2009)

UTC Executive Program (Certificate); Darden School of Business, University of Virginia (2002)

MS Management; Friends University (1994)

BS Professional Aeronautics; Embry-Riddle Aeronautical University (1988)

Employment: 2009 – Present ASD Experts; Expert Support for the AS&D Industry, Principal Partner

2002 – Present The IPL Group, LLC; Aerospace and Defense Consulting, Auditing, Training, and Engineering; President

1998 – 2002 Pratt & Whitney; Aircraft Engines and Space Propulsion; Vice President Quality Assurance and Product Integrity/Regulatory Compliance

1995 – 1998 Federal Aviation Administration; Production and Airworthiness Division; Assistant Division Manager

1995 – 1995 Edge Technologies; Advanced Positioning/Sensor Systems; Director Quality and Operations

1991 – 1994 Buderus Sell Aviation; Commercial Aircraft Interior Structures;  
Director Quality and Operations

1987 – 1991 McDonnell Douglas Aircraft; T-45 and Commercial Programs (MD-90/MD-11); Branch Manager – Quality; International Quality Procurement Specialist

1987 – 1987 Northrop Electronics Division; MX Missile Program, Clean-Room Quality Engineer

1983 – 1983 Airspur Helicopters (Commuter helicopter operations based at LAX); Airframe and Powerplant Mechanic

1980 – 1987 US Army (Helicopter Operations, Maintenance, and Inspection)

Certificates: US Department of Labor: Journeyman Helicopter Mechanic (1986 - Present)

Federal Aviation Administration: Airframe and Powerplant Mechanic (1983 - Present)

Federal Aviation Administration: Inspection Authorization (1987 - Present)

Federal Aviation Administration: Designated Airworthiness Representative – Unlimited Manufacturing Ratings (DAR) (2003-2008)

International Register of Certificated Auditors: Lead Auditor – Aerospace Quality Management Systems (1993-1999)

International Civil Aviation Organization (ICAO): Trainair Plus Certified Training Developer (2013 – Present)

#### Special Appointments:

Appointed by the Secretary of the Navy to the Expert Consulting Team to the Secretary of the Navy Advisory Committee to Investigate U.S. Navy Acquisition Processes (2009)

Leader of Blue Ribbon Investigation Panel for the Lycoming Engines Crankshaft Failures (2002-2005)

#### Professional Awards:

The William Goeller Award of Excellence; The Aviation, Space & Defense Division of the American Society for Quality (03/2009)

Fellow; The American Society for Quality (2013)

#### Listing of Publications:

- The Standard of Knowledge for the Aviation, Space and Defense Industry Quality Practitioner: The AS&D Quality Body of Knowledge (BoK): Version 1 (The CPK Publishing, 2012) Book
- What's on the horizon. More changes in the air for the U.S. aviation industry (Quality Progress, November, 2009) Journal Article
- Exploring the application of process mapping in the ontological engineering of a Body of Knowledge of the Supplier Quality Engineer profession (The George Washington University, December 5, 2008) Dissertation
- Operationalizing Communities of Practice (Chief Learning Officer, October 2007) Journal Article
- The Synergy of One: Creating High Performing Sustainable Organizations through Integrated Performance Leadership; (Quality Press 2004) Book
- Turbulence Forecasted for AS&D Industry; (Quality Progress, March 2004) Journal Article
- ASQ Comment on Columbia Shuttle Accident Report (Quality Progress, September 2003) Journal Article
- Aviation Industry Quality Systems: ISO9000 and The Federal Aviation Regulations; (Quality Press/TSI, 1995) Book

#### Listing of Major Conference Presentations:

- Identifying and Managing Risk in the Aviation and Aerospace Industry: Evolving Compliance Challenges; Product Liability Conference of the Defense Review Institute; Las Vegas, Nevada (Apr 2012)
- Understanding and Managing Changes in the Aviation Industry; The 18<sup>th</sup> International Conference of the Israel Society for Quality (Nov 2010); Tel Aviv, Israel
- "The Synergy of One" as it Applies to the Aerospace Industry; 17<sup>th</sup> Annual International Conference on ISO 9000 (Mar 2009); Orlando, Florida
- The Ageing AS&D Workforce: Developing a Process-Based Body of Knowledge for the AS&D Industry; 2008 Conference on Quality for the Space and Defense Industries (Mar 2008); Cape Canaveral, Florida
- Leading in a Climate of Change (Keynote Address); American Society for Quality – Management Division Conference (Feb 2008); Orlando, Florida
- Managing Value Stream Risk; Society of Automotive Engineers AeroTech Congress (Sep 2007); Los Angeles, California

- Applying Root Cause and Corrective Action in the Aerospace and Defense Industry; NASA Quality Leadership Forum (Mar 2007); Cape Canaveral, Florida
- Developing an Industry Certification Scheme: An update to the Development of the Aviation, Space & Defense Body of Knowledge ; 2007 Conference on Quality for the Space and Defense Industries (Mar 2007); Cape Canaveral, Florida
- Integrating Reliability and Building a Safety Culture: Systems and People; 2006 Aviation Week Lean Six Sigma Forum (Nov 2006); Phoenix, Arizona
- Managing Knowledge in the Aviation, Space, and Defense Industry; NASA Quality Leadership Forum (Sep 2006); Los Angeles, California
- The Aviation, Space & Defense Body of Knowledge; 2006 Conference on Quality for the Space and Defense Industries (Mar 2006); Cape Canaveral, Florida
- Body of Knowledge for the Quality Practitioner; American Society for Quality World Quality Congress (May 2006); Milwaukee, Wisconsin
- Integrated Knowledge Management; American Society for Quality World Quality Congress (May 2005); Seattle, Washington
- Waiting for the Right Queue: Cultivating a Quality Culture That Could Keep The Maritime Industry Afloat; American Society for Quality World Quality Conference (May 2005) Seattle Washington
- Leading for Performance; Korea 2005 International Aviation Symposium (May 2005); Seoul, Korea
- Applying AS9100B; NASA Quality Leadership Forum (Dec 2004); Lake Buena Vista, Florida
- Cost Effectiveness and Productivity: Focusing on Safety, Reliability, Maintenance and Cost Effectiveness in Today's Environment (Panelist); 2004 Civil Aviation Safety Symposium (Sep 2004); Dallas, Texas
- Leading for Integration; 2004 Civil Aviation Safety Symposium (Sep 2004); Dallas, Texas
- VISION Process, Centers, and Networks; American Society for Quality World Quality Congress (May 2004); Toronto, Canada
- The Synergy of One; American Society for Quality – Management Division Conference (Mar 2004); Orlando, Florida
- Introducing Integrated Performance Leadership; American Society for Quality World Quality Congress (May 2003); Kansas City, Missouri
- Leading for Sustainable Performance; American Society for Quality – Flight into the Future Conference (Oct 2003), Van Nuys, CA
- Achieving Competitive Advantage; 7<sup>th</sup> Annual Florida Sterling Quality Conference (Jul 1999); Orlando, Florida

## Professional Affiliations

- American Society for Quality: Fellow (1993-present)  
Aviation, Space & Defense Division: Board Member (1996-2006);  
Chairman (2001-2006); Executive champion for the Body of Knowledge  
(BoK) development project (2005-present); Education Chair (2006-present)
- Performance Review Institute – Nadcap (SAE): Board Member (1998-2002)
- KPMG Quality Registrar: Technical Advisory Committee (1996-2002)
- International Aerospace Quality Group – Founding Council Member (1998-2002);  
Member (1998-present)
- The Aviation, Space & Defense Learning Institute – Founder/Executive Director  
(2005–present)
- Society for Organizational Learning (at MIT): Founding Research Committee  
Member (1998-2002); Member (1998-2009)
- Government and Industry Quality Liaison Panel: FAA representative for  
implementation of Single Process Initiative (1996-1998)
- American Institute for Aeronautics and Astronautics: Senior Member (1993-  
present)
- Aeronautical Repair Station Association: Member (2004-present)
- Society for Automotive Engineers: Member (2007-present)
- Professional Aircraft Mechanics Association: Member (1987–present)
- Society of Naval Architects Quality Committee – Founding Member (2010-  
present)

## Specialized Aviation Related Training

- FAA Inspection Authorization Renewal Course (8-hours); Annually since 1987
- FAA Initial Designee Standardization Seminar (32-hours); FAA Academy,  
Oklahoma City, OK (12/2003)
- FAA Designee Symposium (16-hours); Mystic, CT (06/2003)
- FAA Inspection Authorization Renewal Course (8-hours); Windsor Locks, CT  
(03/21/2003)
- FAA Supervisor Course (40-hours); FAA Center for Management and Executive  
Leadership, Palm Coast, FL (1997)
- Compliance and Enforcement of Federal Aviation Regulations (40-hours); FAA  
Academy, Oklahoma City, OK (1996)
- FAA Technical Instructor Course (40-hours); FAA Academy, Oklahoma City,  
OK (1996)

- Aircraft Certification System Evaluation Program (80-hours); FAA Academy, Oklahoma City, OK (1995)
- Introduction to the Aircraft Certification Service (36-hours); FAA Academy, Oklahoma City, OK (1995)
- Quality Management Systems Assessor/Auditor Training (40-hours); Stebbing and Partners International; Denver, CO (7/1993)
- Corrective Action Board I Training (16-hours); Douglas Aircraft Company; Long Beach, CA (06/1988)
- T-45 Power Plant & Fuel System Detail Familiarization Course (14 hours); Douglas Aircraft Company; Long Beach, CA (1/1988)
- T-45 General (Aircraft) Familiarization Course (24-hours); Douglas Aircraft Company; Long Beach, CA (1/1988)
- T-45 Detailed Electrical System Familiarization Course (16-hours); Douglas Aircraft Company; Long Beach, CA (1/1988)
- T-45 Flight Control Systems Detail Familiarization Course (7-hours); Douglas Aircraft Company; Long Beach, CA (1/1988)
- T-45 Environmental Control Systems Detail Familiarization Course (7-hours); Douglas Aircraft Company; Long Beach, CA (1/1988)
- Preliminary Review (Nonconforming Material) (16-hours); Northrop Electronics; Hawthorne, CA. (09/1987)
- Precession Soldering (36-hours); Northrop Electronics; Hawthorne, CA. (08/1987)
- Basic Hand Soldering (8-hours); Northrop Electronics; Hawthorne, CA. (08/1987)
- Electro-Mechanical Assembly (12-hours); Northrop Electronics; Hawthorne, CA. (06/1987)
- Precession Mechanical Assembly (24-hours); Northrop Electronics; Hawthorne, CA. (06/1987)
- Aviation Maintenance Officer Course (139-credit hours); The Army Institute for Professional Development (02/1986)
- Observation/Scout Helicopter Technical Inspector Course (10-weeks); US Army (07/1986)
- Aircraft Quality Control Supervisor Course (80-credit hours); The Army Institute for Professional Development (10/1984)
- Aviation Accident Prevention Management Course (43-credit hours); The Army Institute for Professional Development (08/1984)
- Westland 30 Helicopter Airframe Field Maintenance Course (40-hours); Westland Helicopters (04/1983)
- Observation/Scout Helicopter Repairer Course (8-weeks); US Army (06/1980)

Prior Testimony (4):

- Skurka Aerospace vs. Eaton Aerospace; April 5, 2012, Federal (Jury) Trial Testimony in Cleveland, OH (Engaged by Skurka through Porter Wright Morris and Arthur, LLP ); U.S. District Court Northern District of Ohio Eastern Division; Case No. 1:08-CV-01565
- Raytheon Co. vs. Anixter, Inc.; August 24-25, and September 30, 2010, Arbitration Trial Testimony in Tucson, AZ (Engaged by Anixter through Cozen O'Connor); American Arbitration Association, Case No.: AAA 76 125 Y 000158 JMLE
- Skurka Aerospace vs. Eaton Aerospace; December 15-16, 2009, Federal Trial Testimony in Cleveland, OH (Engaged by Skurka through Porter Wright Morris and Arthur, LLP ); U.S. District Court Northern District of Ohio Eastern Division; Case No. 1:08-CV-01565
- Huck International, Inc. vs. Southwire Company; March 24-26, 2004; Arbitration Trial Testimony in Los Angeles, CA (Engaged by Huck Intl/Alcoa through Leboeuf, Lamb, Greene & McRae, LLP) Judicial Arbitration and Mediation Services

Prior Deposition (11):

- Spirit AeroSystems, Inc v. SPS Technologies, LLC et al., October 04, 2012 (Engaged by SPS Technologies, LLC, through Stoel Rives, LLP); Deposition in Chicago, IL United States District Court for the District of Kansas, in Civil Action No. 09-cv-1144-EFM-DWB
- The United States of America ex rel vs. The Boeing Co., et al.; June 25-26, 2012, Deposition in Chicago, IL (Engaged by Relators through Clausen Miller, LLP); U.S. District Court for the District of Kansas; In Civil Action No. 05-1073-WEB
- Skurka Aerospace vs. Eaton Aerospace; December 19, 2011, Deposition in Cleveland, OH (Engaged by Skurka through Porter Wright Morris and Arthur, LLP); U.S. District Court Northern District of Ohio Eastern Division; Case No. 1:08-CV-01565
- The United States of America, ex rel. vs. Lockheed Martin, Corp.; September 27, 2011 Deposition in Cincinnati, OH (Engaged by Lockheed Martin through Vorys, Sater, Seymour and Pease LLP); U.S. District Court, Southern District of Ohio, Western Division; In Case No. 1:99-CV-285
- Scott vs. MD Helicopters, Inc.; June 28, 2011 Deposition in Ft. Myers, FL (Engaged by Scott through Monsees, Miller, Mayer, Presley and Amick, P.C.); U.S. District Court, Middle District of Florida; Case 8:09-CV-00986-VMC
- Raytheon Co. vs. Anixter, Inc.; August 10, 2010, Deposition in Tucson, AZ (Engaged by Anixter through Cozen O'Connor); In American Arbitration Association, Case No.: AAA 76 125 Y 000158 JMLE

- Skurka Aerospace vs. Eaton Aerospace; December 08, 2009, Deposition in Cleveland, OH (Engaged by Skurka through Porter Wright Morris and Arthur, LLP ); U.S. District Court Northern District of Ohio Eastern Division; Case No. 1:08-CV-01565
- Romeo Bravo, Inc, et al. vs. Lycoming Engines; 13 February, 2008 Deposition in Cleveland, OH; Class action certified in the Eastern District of California; (Engaged by Lycoming Engines through Ryan & Fong, LLP; and Jones Day, LLP)
- Dean & Weiler vs. Raytheon Aircraft Company; November 06, 2006; Deposition in Ft. Myers, Florida (Engaged by Raytheon Aircraft Company through Martin, Pringle, Oliver, Wallace & Bauer, LLP)
- New Piper vs. Textron Lycoming; May 23 2006 Deposition in Taipei, Taiwan; Arbitration filed in Pittsburg, PA; (Engaged by Textron Lycoming through Jones Day, LLP)
- Huck International, Inc. (division of Alcoa) vs. Southwire Company; March 19, 2004; Judicial Arbitration and Mediation Services in Los Angeles, California (Engaged by Huck Intl/Alcoa through Leboeuf, Lamb, Greene & McRae, LLP)

Prior Expert Reports/Affidavits/Declarations (33)

- The United States of America *ex rel* vs. The Boeing Co., et al. ; Expert Declaration on 04/11/2013 (Engaged by Relators through Clausen Miller, LLP); U.S. District Court for the District of Kansas; In Civil Action No. 05-1073-WEB
- The United States of America *ex rel* vs. The Boeing Co., et al. ; Expert Rebuttal Report on 10/31/2012 (Engaged by Relators through Clausen Miller, LLP); U.S. District Court for the District of Kansas; In Civil Action No. 05-1073-WEB
- Spirit AeroSystems, Inc v. SPS Technologies, LLC et al., Expert Report on 08/24/2012 (Engaged by SPS Technologies, LLC, through Stoel Rives, LLP); United States District Court for the District of Kansas, in Civil Action No. 09-cv-1144-EFM-DWB
- The United States of America, *ex rel.* v. DSE, Inc. et al., Declaration on 07/19/2012 (Engaged by Kaman Precision Products, Inc. through Crowell & Moring LLP); United States District Court for the Middle District of Florida, in Case No. 8:08-cv-02416-SDM-EAJ
- The United States of America, *ex rel.* v. DSE, Inc. et al., Expert Report on 04/02/2012 (Engaged by Kaman Precision Products, Inc. through Crowell & Moring LLP); United States District Court for the Middle District of Florida, in Case No. 8:08-cv-02416-SDM-EAJ
- The United States of America, *ex rel.* vs. Lockheed Martin, Corp.; Expert Report on 07/21/2011 (Engaged by Lockheed Martin through Vorys, Sater, Seymour and Pease LLP); U.S. District Court, Southern District of Ohio, Western Division; In Case No. 1:99-CV-285



- Enpat, Inc. vs. Harry Shannon; Declaration on 05/31/2011 (Engaged by Enpat through Hayworth, Chaney & Thomas, PA); U.S. District Court, Middle District of Florida; In Case No. 8:10-cv-02013-VMC-AEP
- Enpat, Inc. vs. Harry Shannon; Expert Report on 03/31/2011 (Engaged by Enpat through Hayworth, Chaney & Thomas, PA); U.S. District Court, Middle District of Florida; In Case No. 8:10-cv-02013-VMC-AEP
- The United States of America ex rel vs. The Boeing Co., et al. ; Declaration on 03/23/2011 (Engaged by Relators through Clausen Miller, LLP); U.S. District Court for the District of Kansas; In Civil Action No. 05-1073-WEB
- Scott vs. MD Helicopters, Inc.; Expert Report on 02/21/2011 (Engaged by Scott through Monsees, Miller, Mayer, Presley and Amick, P.C.); U.S. District Court, Middle District of Florida; Case 8:09-CV-00986-VMC
- The United States of America ex rel vs. The Boeing Co., et al.; Declaration on 02/11/2011 (Engaged by Relators through Clausen Miller, LLP); U.S. District Court for the District of Kansas; In Civil Action No. 05-1073-WEB
- The United States of America ex rel vs. The Boeing Co., et al. ; Expert Report on 12/22/2010 (Engaged by Relators through Clausen Miller, LLP); U.S. District Court for the District of Kansas; In Civil Action No. 05-1073-WEB
- Skurka Aerospace vs. Eaton Aerospace; Expert Report on 12/13/2010 (Engaged by Skurka through Porter Wright Morris and Arthur, LLP ); U.S. District Court Northern District of Ohio Eastern Division; Case No. 1:08-CV-01565
- Eagle Helicopter AG vs. McTurbine, Inc et al.; Expert Report on 11/18/2010 (Engaged by McTurbine through Brown, Dean, Wiseman, Proctor, Hart, & Howell L.L.P); In the United States District Court, Southern District of Texas, Corpus Christi Division, Civil Action No.: 09-262
- Paullus vs. McTurbine, Inc et al.; Expert Report on 06/25/2010 (Engaged by McTurbine through Hartline, Dacus, Barger, Dreyer & Kern, L.L.P); In the Court of Law No. 2, Nueces County, Texas, Cause No.: 08-60524-2
- Raytheon Co. vs. Anixter, Inc.; Expert Disclosure on 06/18/2010 (Engaged by Anixter through Cozen O'Connor); In American Arbitration Association, Case No.: AAA 76 125 Y 000158 JMLE
- BCM Majestic Corp. vs. PATS Aviation, LLC; Expert Report on 04/28/2010 (Engaged by BCM through Conner & Winters, LLP); In the United States District Court for the District of Delaware, Case No.: 1:09-CV-0058-SLR
- Cherry et al., vs. Lycoming Engines et al., Expert Report on 04/08/2010 (Engaged by Lycoming Engines through Cozen O'Connor); In the Circuit Court of the County of Chesterfield, Virginia, Case No.: CL-09-11981
- Pridgen et al. vs. Lycoming Engines et al.; Affidavit on 03/15/2010 (Engaged by Lycoming Engines through Cozen O'Connor); In the Court of Common Pleas of Philadelphia County; July Term 2001; Case No. 003838 and 004008

- McCarty vs. Precision Airmotive et al.; Expert Report on 11/09/2009 (Engaged by Lycoming Engines through Banker Lopez Gassler P.A.); In the Twelfth District Judicial Court in and for Sarasota County, State of Florida; Case No. 2006CA4596NC
- Skurka Aerospace vs. Eaton Aerospace; Supplemental Affidavit on 05/27/2010 and Affidavit on 11/04/2009 (Engaged by Skurka through Porter Wright Morris and Arthur, LLP ); U.S. District Court Northern District of Ohio Eastern Division; Case No. 1:08-CV-01565
- Melissa Air vs. Big Sky Aviation, et al.; Expert Report on 06/02/2009 (Engaged by Melissa Air through L. Duffy, PA)
- Stewart vs. Precision Airmotive, et al.; Expert Report on 05/04/2009 (Engaged by Precision Airmotive through Perkins Coie); Court of Common Pleas Philadelphia County; 2007; Case No. 003200
- Berenholz (Titov) vs. Precision, et al.; Expert Report on 19 February, 2009 (Engaged by Precision Airmotive through Perkins Coie); Court of Common Pleas of Philadelphia County, March Term 2007, Case No. 001017
- Estate of Robert James Little, et al. vs. Piper Aircraft Company, et al.; Expert report on 16 January, 2009 (Engaged by Precision Airmotive through Perkins Coie); U.S. District Court Central District of California, Case No. CV 07-1815 VFB(FFMx)
- Estate of John O. Swanstrom, et al. vs. Teledyne Continental Motors, et. al.; Affidavit on 03 October, 2008 (Engaged by Continental through McKenna, Long & Aldridge, LLP); Circuit Court of Mobile County, Alabama, Case No. CV-04-730
- Estate of Michael Young, Deceased, et al. vs. Precision Airmotive, Lycoming Engines, et al.; Expert report 30 September, 2008 (Engaged by Precision and Lycoming through Perkins Coie; and Wiles, Boyle, Burkholder & Bringardner Co., LPA); Cuyahoga County Court of Common Pleas, Ohio, Case No. CV 07 618137
- Romeo Bravo, Inc, et al. vs. Lycoming Engines; Expert report 25 January, 2008; Class action certified in the Eastern District of California (Engaged by Lycoming Engines through Ryan & Fong, LLP; and Jones Day, LLP)
- Nenov vs. Richardson, Weinstein, Chromalloy Gas Turbine Corp., and Sequa Corp.; Expert report July 06, 2007 (Engaged by Nenov) U.S. Dept. of Labor Administrative Court
- Dean & Weiler vs. Raytheon Aircraft Company; Expert report 25 August, 2006; (Engaged by Raytheon Aircraft Company through Martin, Pringle, Oliver, Wallace & Bauer, LLP)
- Bradley Haubrich, et al. vs BTS Enterprises, Inc, et. al.; Expert report June 15, 2006 (Engaged by Textron Lycoming through Cowles & Thompson, LLP) 67<sup>th</sup> Judicial District Court of Tarrant County, Texas

- New Piper vs. Textron Lycoming; Expert report May 15, 2006; Arbitration, (Engaged by Textron Lycoming through Jones Day, LLP)
- Michael Robinson vs. Textron Lycoming; May 15, 2006 (Engaged by Textron Lycoming through Hagerty & Brady, LLP) U.S. Federal Court in New York