

The Aerospace & Defense Forum



Facilitating Business Communication, Collaboration, & Commerce

Tour & Strategic Discussion at Triumph Aerostructures

Host:

Marty Jones
President - Hawthorne

Thursday, August 13, 2015
(Note the change from regularly scheduled date)
7:30am-10am: Meeting, Tour, and Discussion

[Click here to register.](#)

Registration is limited to #1 or #2 operating executives of A&D companies or plants.

A Wait List will be maintained. You must respond to a waitlist opening within 24 hours of receiving notice.

Registration Fees

Free - A&D Forum member
\$30 - Non-member (until Aug 5)
\$40 - Non-member (after Aug 5)

You will receive multiple invitations.



regardless of whether you have already registered. Please do not register more than once!

To be fair to those on the Wait List, if you register and fail to show without prior notification you will not be allowed to register for an A&D Forum tour for a year. Notifications may be made to IRosenberg@AerospaceDefenseForum.org or 818-505-9915.

Chapter Sponsors

MOSS ADAMS LLP

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Other A&D Forum Chapter Meetings

Times shown are local time.

"SPAWAR The Road Ahead", Patrick M. Sullivan, Executive Director for the Space and Naval Warfare Systems Command, San Diego Chapter, July 28

"Doing Business with Chinese Aerospace Companies", Dr. Pui Ho, General Manager, Asia Pacific Aerospace Region, Parker Aerospace, Orange County Chapter, August 6 (webstreamed)

"Aerospace/Defense and Government Services Market Overview", Michael Misantone, Managing Director

Meeting, Tour, and Strategic Discussion at Triumph Aerostructures

Host:

Marty Jones
President - Hawthorne

The event will include the following:

- 7:00-7:30am: Breakfast and Networking
- 7:30-7:40am: Welcome and Introductions
- 7:40-8:00am: Introduction to Triumph Aerostructures
- 8:00-9:30am: Tour the facility
- 9:30-10:00am: Strategic discussion with Marty

The tour will consist of a 20-minute presentation, followed by a tour through all aspects of the main assembly plant's operation, from receipt of parts, through preparation of skins (coating and drilling), assembly and loading for shipment.

The Plant

Triumph Aerostructures - Vought Aircraft Division - Hawthorne has been a major innovator of both military and commercial airframe structures since the 1930s. This experience has enabled them to become a world-class supplier of skin panels.

The Hawthorne plant has produced Boeing 747 fuselage panels since the aircraft program began in 1966. Since that time, they have delivered more than 1,400 fuselage ship sets, including those for Air Force One. This fuselage section is 172 feet long. Each shipset has 21 major side and door panels delivered to Boeing in six custom, oversized railcars. In addition, Triumph Aerostructures - Vought Aircraft Division builds five upper and three lower "bonnet" panels for each 747 fuselage, along with 90 to 130 floor beams per ship set.

Aircraft skin details are manufactured at the site's K-6 facility using Stretch Forming and Brake Forming to achieve engineering contour.

At the main assembly plant, subassemblies are assembled, such as access doors, stringer assemblies, and skin panel assemblies. These all conform to Quality procedures set forth by the customer and internal quality policies. To help ensure

KippsDeSanto & Co., Arizona Chapter,
August 11

"NewSpace and the Frontier Movement",
Rick Tumlinson, Chairman, Deep Space
Industries, Dallas-Ft. Worth Chapter, August
13

"New Developments in Space Tourism",
John Spencer, President, Space Tourism
Society, Los Angeles Chapter, August 21
(webstreamed)

The South Bay (CA) Chapter

The South Bay Chapter serves the area
around Torrance, CA. The SB chapter is
different in that **attendance is limited to the #1
or #2 operating executives of A&D
companies or plants**, i.e., organizations that
have a direct role in production, e.g.,
engineering, fabrication, coating, and testing.
Meetings and tours are on the 2nd Wed of
the month.

[Click here](#) to join the South Bay Chapter
mailing list (free).

Recently Posted Presentation Recordings on the A&D Forum Website

**"Radically Reducing the Cost of
Assembled Products"**, Art Weiss, formerly
at Aerojet Rocketdyne, Orange County
Chapter, June 4

**"Commercial and Military Aftermarket -
Current State/ Future Trends"**, panel: Bill
Ball (Circor), Brad Beck (United Aeronautical
Corp.), Brian Zaumeyer (Odyssey Investment
Partners) and Lee Schwartz (Schwartz
Profitability Group, June 19, Los Angeles
Chapter

**"Lean Manufacturing in Aerospace - The
IRIDIUM® Story: How Lean and Six Sigma
Manufacturing Capabilities Transformed
Satellite Production and Deployment for
the IRIDIUM® System"**, Andrew Feller,
Senior Vice President - Deloitte Advisor

first-time quality, the site uses Determinate Assembly
(D/A), an advanced digital manufacturing process that
minimizes product variability and allows "snap-
together" final assembly of large structures.

The Plant's Capabilities:

- * Stretch Forming, Brake Forming, and Machining
- * Precision Trim and Drill Cell
- * Hot and Cold Metal-to-Metal Bonding
- * Stringer Digital Drill Cells
- * Skin Processing
- * Auto Fastening
- * Final Assembly
- * Panel Transportation
- * Lean Manufacturing

About the Triumph Group

Triumph Group, Inc., headquartered in Berwyn,
Pennsylvania, is a global leader in manufacturing and
overhauling aerospace structures, systems and
components. Operating in 64 locations worldwide,
Triumph designs, engineers, manufactures, repairs
and overhauls a broad portfolio of aerostructures,
aircraft components, accessories, subassemblies and
systems.

Triumph consists of 45 highly specialized
manufacturing companies, organized into three
groups: Aerostructures, Aerospace Systems, and
Aftermarket Services.

Operations touch virtually all major players and all
current and future aviation platforms. Triumph serves
a broad, worldwide spectrum of the industry, including
Original Equipment Manufacturers (OEMs) of
commercial, regional, business and military aircraft
and aircraft components, as well as commercial and
regional airlines and air cargo carriers.

Triumph participates at all levels of the aerospace
supply chain - from single components to complex
aerostructures and their contents.

August 13, 2015 Meeting

- The guard at entrance to the facility will direct
you to parking and to the cafeteria.
- Business casual attire. No high heels or
open-toed shoes.
- A light continental breakfast will be available
starting at 7:00am.
- Bring a business card - they will be duplicated

Corporate Restructuring Group, Deloitte
Transactions and Business Analytics LLP,
Arizona Chapter, July 14

and everyone will get a copy of all attendee's
cards.

- There will not be any opportunity to distribute marketing material.
- Introductions will be minimal - your name, company, industry, and a 5 word "elevator speech". We encourage you to be creative

Feel free to pass this invitation on to others you think would be interested.

Event Info

Thursday, August 13, 2015

7:30am-10:00am: Meeting, Tour, and Discussion

Triumph Aerostructures

Vought Aircraft Division - Hawthorne

3901 Jack Northrop Ave.

Hawthorne, CA 90250

A&D Forum Membership

The purpose of The A&D Forum is to promote communication, collaboration, and commerce among A&D industry business leaders.

Membership includes access to the resource-rich A&D Forum website (containing recordings of all chapter presentations), free attendance at any chapter meeting, facilitated introductions to members at any chapter and the A&D Forum monthly Newsletter. Members are first in line for tours and to be invited to the Peer C-level Roundtables.

One-year individual memberships are currently \$300. You can become a member or renew your membership through the A&D Forum website:

AerospaceDefenseForum.org.

South Bay Chapter Steering Committee

- **Marwan Hammouri**, President & CEO, Brek Manufacturing (Chapter Chair)
- **Terry Yeh**, President, Aerospace Manufacturing & Engineering, (Chapter Vice-Chair)
- **Dan Gear**, General Manager, Alloy Processing
- **Marty Jones**, President - Hawthorne Site, Triumph Aerostructures
- **Ward Olson**, President, Dasco Engineering Corporation
- **John Anderson**, Director, California Manufacturing Technology Consulting
- **Ivan Rosenberg**, Executive Director & Co-Founder, The A&D Forum

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of The Aerospace & Defense Forum**

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- **Peter Collins**, Director, Strategic Planning,
Aerospace Group, Parker Hannifin Corporation
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- **Michael Boyle**, President, BOBsearch
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- **Robert Jacobson**, Desert Sky Holdings
- **Ivan Rosenberg**, President & CEO, Frontier
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A&D Forum Executive Director

Ivan Rosenberg

818-505-9915

The Aerospace & Defense Forum Website

AerospaceDefenseForum.org