



CAT

CALVERTON AVIATION & TECHNOLOGY

Birthplace of the Cat's, exemplified by the F-14 Tomcat



555







WORLDWIDE

TRIPLEFIVE.COM

INDUSTRIAL AND COMMERCIAL DEVELOPERS

Next up is Syd Ghermezian. Syd directs and oversees all of Triple Five's U.S. non-real estate activities. Over the last 15 years, he has diversified the family's interests to include investments in companies in technology, defense contracting, industrial manufacturing, food manufacturing, oil & gas, venture capital, and finance. Syd currently serves as President and CEO of Community Federal Savings Bank, a federally chartered savings bank headquartered in New York City that is owned by his family.

Good Evening.

My name is Syd Ghermezian and I am a Principal of Triple Five Group of Companies and the managing member of Triple Five Real Estate One, the majority owner of CAT.

Calverton's rich history and legacy tell a truly remarkable story of achievement. The pioneering efforts that laid the groundwork for both the Town's and the region's once booming success deserve to be respected by restoring aviation to Calverton.

I am confident that CAT will be able to reestablish Calverton as a robust aviation and high technology hub that will make all of us proud and will back the long term, high paying sustainable jobs that the site once provided.

If approved, CAT will perform a panoramic analysis of the property to develop a site plan that maximizes economic development.

Martin Walrath, CFO

Triple Five Group of Companies

Martin Walrath, is responsible for Triple Five's financing activities and banking relationships, and has been involved in several multi-billion dollar financings for Triple Five. He is also director of Peoples Trust Bank, which owned by the Ghermezian family and is the largest privately-held financial institution in Canada. Martin was previously Senior Vice President at Mellon Bank.

TRIPLE FIVE[®] WORLDWIDE DIVISIONS

BANKING DIVISIONS

BANKS (U.S. & CANADA)

PEOPLES TRUST

One of the Banking Divisions of Triple Five[®] Worldwide

Peoples Trust operates throughout Canada with its Head Office and Investment Centre in Vancouver, B.C., and branch offices in Vancouver, Calgary and Toronto. For more than 20 years, Peoples Trust has provided investment and lending services, estate and trust asset management, mortgage servicing as well as other banking services. Peoples Trust currently has in excess of \$6 billion in assets directly held and under management.

Peoples Trust has already issued in excess of \$10 billion in CHMC mortgages across Canada and has been the top issuer of multi-family mortgage back security programs for the last five years.

Peoples Trust is a significant issuer of Canadian Government Mortgage Backed Securities under the Canada Mortgage and Housing Corporation program. It is also an active participant in the Canadian market for other mortgage lending, both on a conventional and insured basis.

peoplestrust.com



Ira Perlmutter, Chairman

CPV, AMP&S, Admiral Filter and T5 Equity Partners owned by,
Triple Five Group of Companies

Ira founded T5 Equity Partners, the private equity investing affiliate of the Triple Five Group of Companies. He focuses on oversight of operations, new business acquisitions/development and joint ventures with other family offices and companies.



VALVES AND FITTINGS MANUFACTURING DIVISION



CPV Manufacturing is a leading global valves and fittings manufacturer that serves the industrial gas, petrochemical, and ship building industries, including the United States sixth fleet providing companies around the world with high-quality valves and fittings for all platforms, including liquid and gas services. CPV Manufacturing is a globally renowned manufacturing company in Kennett Square, PA. For more than 100 years, we've specialized in manufacturing high-quality valves and fittings for many industries, including the petrochemical, industrial gas, and ship building industries. We've also worked with the US Navy.

To ensure that each part of our products met the stringent requirements of the US Navy, we developed new testing methods using O-ring connections. This allowed us to disassemble and assemble each component to help us test them for quality.

Once we developed a better understanding of the benefits of O-rings, CPV Manufacturing created the famous O-Seal product line. Designed to provide product versatility, these innovative fittings and valves can be used in a variety of platforms, including liquid or gas services. Today, O-Seal valves and fittings are used in numerous plants, including Praxair's station in Santo Domingo, Mexico, a fully automated gas facility.

cpvmfg.com



Ship Building



Petrochemicals



Industrial Glass

POWER GENERATOR SET MANUFACTURING



Advanced Manufacturing and Power Systems, Inc. (“AMPS”) is a leading manufacturer of Hurricane Resistant, sound attenuated generator sets. AMPS has supplied generator sets to Macy’s NY, the Brooklyn Performing Arts Center, the FBI, hospitals, nursing homes, the Atlantis in the Bahamas, etc. AMPS is a Triple Five® Group Company, located in DeLand Florida since 1999. We are a Specialty Severe Power Systems Integrator which services the power generation industry. AMPS engineers and manufactures modular building enclosures, HVHZ Missile Impact design enclosures, sound attenuated enclosures, critical equipment enclosures, UL 142, FDEP, and UL2085 Above Ground fuel tanks, trailers and Bi-Fuel Systems.

We integrate and facilitate the testing of all customer-supplied and 3rd party equipment which enables us to provide a turnkey solution. AMPS testing and conversion capabilities include RICE-NESHAP compliance conversions, UL tank leak and pressure testing, vibration testing, fuel consumption testing, rain intrusion testing, loadbank testing and UL 2200 testing. Our engineered products are installed in critical applications serving state, local, federal government agencies, military, police departments, fire departments, clinics, hospitals, assisted living facilities, schools, emergency shelters, water treatment plants and critical data centers.

AMPS Products meet and exceed industry and code standards and are constructed to withstand the most devastating environmental stresses. AMPS Robust HVHZ (High Velocity Hurricane Zone) Missile-Impact Design Enclosure is certified by the State of Florida, which is one of the most stringent requirements in the U.S and abroad. Our design flexibility enables us to adapt to our clients’ needs and requirements on their project. Whether it’s a HVHZ Generator Enclosure at Cape Canaveral, or one of our Packaged Bi-Fuel Generator Systems on the top of Macy’s at Herald Square in Manhattan, AMPS is there for all of your power systems up-fit needs!

amps.cc



FILTRATION SYSTEMS MANUFACTURING DIVISION



Admiral Filter Company, LLC ("AFC") is a leader in the design and manufacture of high performance filtration systems for marine and aerospace use.

Today, as AFC continues Parmatic Filter Corporation's tradition of innovation, we provide the world's largest range of filters and separators for all types of naval applications. The range of these products is clearly demonstrated by the fact that on the U.S. Navy's FFG-7 OLIVER HAZARD PERRY-Class Program (involving over 70 ships and 4 Navies), AFC can boast of having supplied filters and separators for all key fluid systems!

Admiral Filter's Service Division diagnoses, repairs and services commercial, military and other governmental vessels around the world. Because of our breadth and depth of experience, and in addition to servicing our own Admiral Filter (previously Parmatic Filter and Pollution Control products, we are frequently called upon to service competitors' products as well.

Recent assignments have included the New York City Fire Department, Staten Island Ferry, and U.S. Naval vessels in the Middle East, Asia and in the U.S.

admiralfilter.com

Steve Rodgers has more than three decades in the aerospace composites field. He has worked for a number of companies including Boeing, Lockheed, Heath Tecna and ITT. He is a Trustee on the Global Board of Directors and past International President for the Society for the Advancement of Material and Process Engineering (SAMPE). He also serves on the Advisory Board of the National Graphene Association (NGA), helping to educate the technical communities and support the entrepreneur in the successful commercialization of this important advanced material.

In 2005, Steve began working with the Governor's Office of Economic Development (GOED) and the Economic Development Corporation of Utah (EDCUtah) to strengthen the composites industry. By the end of 2008, total job creation exceeded 10,000 job openings. In 2012 he received the Utah Governor's Medal for Science and Technology for that work.



Aviation Technology Ecosystem

Physical Infrastructure

- Transportation (local and regional)
- Freight (land and air)
- FAA presence
- Power (Efficient/Green/Renewable)
- Natural gas
- Process Water (Reclaimable)
- Culinary water (Usage redux)
- Process gasses (Nitrogen, Helium, O₂, specialty process gasses
 - Delivery and/or generation
- Fuel reserves
- High-speed internet
- Improved cellular coverage
- Food services
- Open Space

Innovation

- Innovation Center
 - Mixed-field R&D exposure
 - Mentor/Protégé participation
 - Tech Challenges
- Small business incubator space (may be the same)
 - Office space for tech start-ups
 - Access to equipment and design tools
 - Meeting spaces – conference rooms, teaching space, seminar rooms
- Sustainable
- Environmentally Friendly
- Smart energy consumption
- Networking Opportunities
 - Tech, Investment, Innovation concepts, Common interest

Complimentary Technologies

- Aerospace
- Autonomous vehicles
 - Air
 - Land
 - Sea
- Electronic vehicles
- MRO (Maintenance, Repair and Overhaul)
- Innovative mass transit
- Avionics
- Software development
- Cyber security
- Additive manufacturing
- Advanced/Adaptable Materials development
- Battery R&D
- Business Jet port
 - MRO
 - Retrofit and refurbishment



Aviation
Technology
Ecosystem

Benefits to the Riverhead Community

- Prestige, community pride
- Short-term non-recurring revenues (Construction, planning, etc.)
- Jobs are created that have higher wage potential for both skilled and unskilled employees
- Economic “waterfall” to the community
 - As disposable income increases, supporting service jobs are created)
- Increased property value
- Increased long-term recurring revenues
 - Property tax increases based on property value
 - Extra jobs yield income tax increases
 - Sales tax on disposable income
- Community benefits from infrastructure improvements
- Revenue increases enable improved community services
 - Schools
 - Fire
 - Police

Supply Chain

- Identify internal relationships
- Identify common critical suppliers
- Develop relationships
- Locate in close proximity or establish local presence
- May include:
 - Design
 - Analysis
 - Materials testing
 - Environmental testing
 - Flight hardware
 - Office and admin services
- Goal is to improve accessibility

Entrepreneurial Support

- Special education
- Vision development
- Legal and IP support
- Trade associations
- Technical societies
- Trade missions
- Expert business consulting
 - International trade
 - Portfolio management
 - Management training and assistance
 - Smart Manufacturing
 - Marketing / market placement
 - Branding and white labeling
 - M&A assistance
- Financial assistance
 - Financial business consulting
 - Angel investors
 - VCs
 - PEs
 - World Bank services
 - Banks
 - SBA
 - Grant writing support

Workforce Development

- K-12 STEM education
- Stackable credentials
- Basic work- and life-skills training
- Vocational skills training
- Community colleges
- Internships
- Colleges and Universities
- Corporate/academic R&D



CONSTRUCTION

Wayne Melnyk

Project Executive

- 42 years with PCL
- Instrumental in Triple Five relationship
- Delivered nearly \$4 billion in projects for PCL



PCL OFFICES

A CONSTRUCTION LEADER WITH LOCAL ROOTS.

- 31 office centers
- 4,500+ salaried staff
- 10,000+ hourly trades people
- Over \$8 billion in construction volume annually



INDUSTRY RANKINGS

OUTSTANDING BUSINESS PERFORMANCE AND AN EMPLOYER OF CHOICE

In addition to the top rankings PCL receives for outstanding business performance and human resource practices, the organization continually receives awards of excellence for quality, innovation, safety, and community spirit. This reinforces PCL's reputation as an employer of choice, as a leading provider of construction services, and as a valued community member.



ENR
Engineering News-Record

ENR #8
Largest Contractor



FORTUNE

12 CONSECUTIVE YEARS
FORTUNE 100 Best Companies to Work For



ENR #3
Green Contractor

OVER \$100 BILLION IN PROJECTS

CONSTRUCTED BY PCL



TECHNOLOGY



MANUFACTURING



AVIATION



RENEWABLE ENERGY

DELIVERING BILLION DOLLAR PROJECTS



Calgary Cancer Centre
 LAX Midfield Concourse North
 New Terminal Development, Toronto Pearson Airport
 Kerul Oil Sands Project
 American Dream
 Victorian Comprehensive Cancer Centre





RELATIONSHIP

37 YEAR RELATIONSHIP

\$5 BILLION IN DEVELOPMENT



AVIATION

HANGAR AND RUNWAY EXPERTS

PCL Construction has completed more than 250 aviation projects in North America and has been included on *Engineering News-Record's* Top 400 Contractors list as a top airport contractor.



Toronto Pearson Hangar Development



Calgary Runway Redevelopment



Orlando Airport Runway Redevelopment



Boeing Everett Delivery Center

250 AVIATION PROJECTS IN NORTH AMERICA

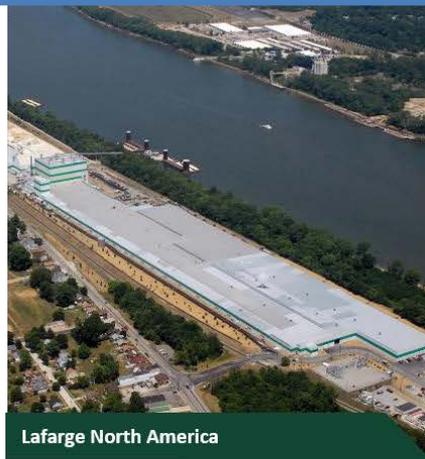


MANUFACTURING

SPECIALIZED EXPERIENCE LOCALLY

PCL has more than \$5 billion of completed projects in our diverse manufacturing portfolio. We are a customer-focused, fully integrated one-stop service provider.

\$5B IN MANUFACTURING PROJECTS



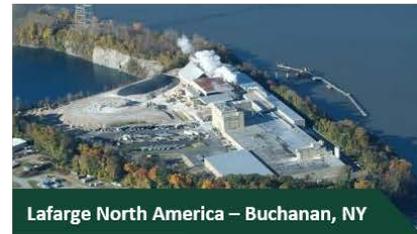
Lafarge North America



General Mills



Pillsbury



Lafarge North America – Buchanan, NY



TECHNOLOGY

HIGH TECH SPECIALIZATION

PCL's portfolio of technology clients includes nearly all companies found in the top 10 of the *FORTUNE* magazine list of Top Technology Companies.



MGS Data Centre



BMO Computer Center



IBM Facility for Software Development



Teranet Data Centre

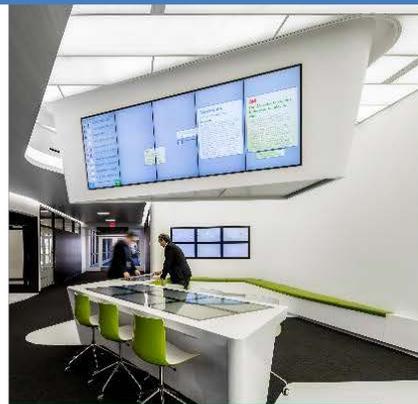


RESEACH LABS

HIGH TECH SPECIALIZATION

PCL has completed over \$3 billion of work for major medical research and pharmaceutical companies such as 3M, Bayer Corporation and Boston Scientific.

\$3B IN MEDICAL RESEARCH
AND PHARMACEUTICAL
PROJECTS



3M Project Community



3M D-11 Expansion Project



Bayer Corporation



Bayer Corporation





CONSTRUCTION

David Charette, PWS, LEED AP

Principal

Wetland Delineation/Mitigation, Environmental Permitting,
Environmental Assessments and Impact Statements

Mr. Charette has over 30 years of experience, both in private and public sector work, in project management of environmental and engineering consulting services for projects with significant wetland and natural resource related issues. Specific consulting services completed include proposals; environmental assessments; wetland delineations and jurisdictional determinations; preparation of environmental impact statements; preparation of Federal, State, County and local permit applications; responding to public comments and regulatory requests for additional information and studies; compliance with approvals and permit conditions; providing expert testimony and environmental issue resolution; due diligence evaluations; wetland mitigation project and environmental restoration services; project design guidance; preparation of construction plans and specifications; and preparation and presentation of environmental workshops and seminars.



LANGAN

M.S., Ecology
Rutgers University
B.S., Biological Sciences
University of Connecticut
Professional Registration
Professional Wetland Scientist (PWS)
Society of Wetland Scientists
Certification Program
LEED Accredited Professional
(LEED-AP)
Affiliations
Society of Wetland Scientists

James Lima, President

James Lima Planning + Development

James has more than 30 years of experience in the planning and implementation of economic development and community revitalization projects throughout North America. James is helping plan and implement a broad range of economic development projects, including new corporate campuses for two of the world's largest and fast-growing technology companies, a billion dollar flood protection project for Lower Manhattan, and the New York State Downtown Revitalization Initiative in Westbury, Long Island.

James' firm is also a real estate and economic advisor to the Suffolk County Industrial Development Agency where recent work has focused on transit-oriented development strategies for Amityville, Copiague, Lindenhurst, East Farmingdale, Smithtown and Kings Park.

As a New York City public development official, James led the Downtown Brooklyn Redevelopment Plan, which resulted in more than \$10 billion of new investment.



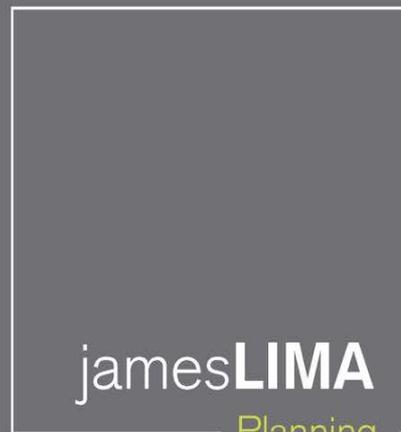
jamesLIMA
— Planning + Development

catalyzing economic growth

creating and unlocking real estate value

structuring public-private partnerships

enhancing the vibrancy of cities



james**LIMA**

Planning + Development

LaGuardia Airport and Newark Airport Modernization

Queens, NY

Identifying off-site operations expansion opportunities



Aviation operations planning and development

Global Tech Corporate Campus Expansion

California

Planning and implementation of innovative, mixed-use campus



economic development, job creation, implementation strategies

Westbury Downtown Revitalization Initiative

Westbury, NY

Structuring public-private partnerships for mixed-use development



economic development, implementation strategies

Glen Isle

Glen Cove, NY

Analyzing redevelopment feasibility on the Long Island waterfront



master planning, waterfront development, development feasibility

Steuben Food Science and Innovation Center

Queens, NY / Elma, NY

Identifying growth strategies for innovation-focused food manufacturing



economic growth strategies, public financing and incentives

Suffolk County Transit-Oriented Development

Suffolk County, NY

Unlocking economic growth potential and preserving community character



Transit-Oriented Development, market analysis

Artmatr

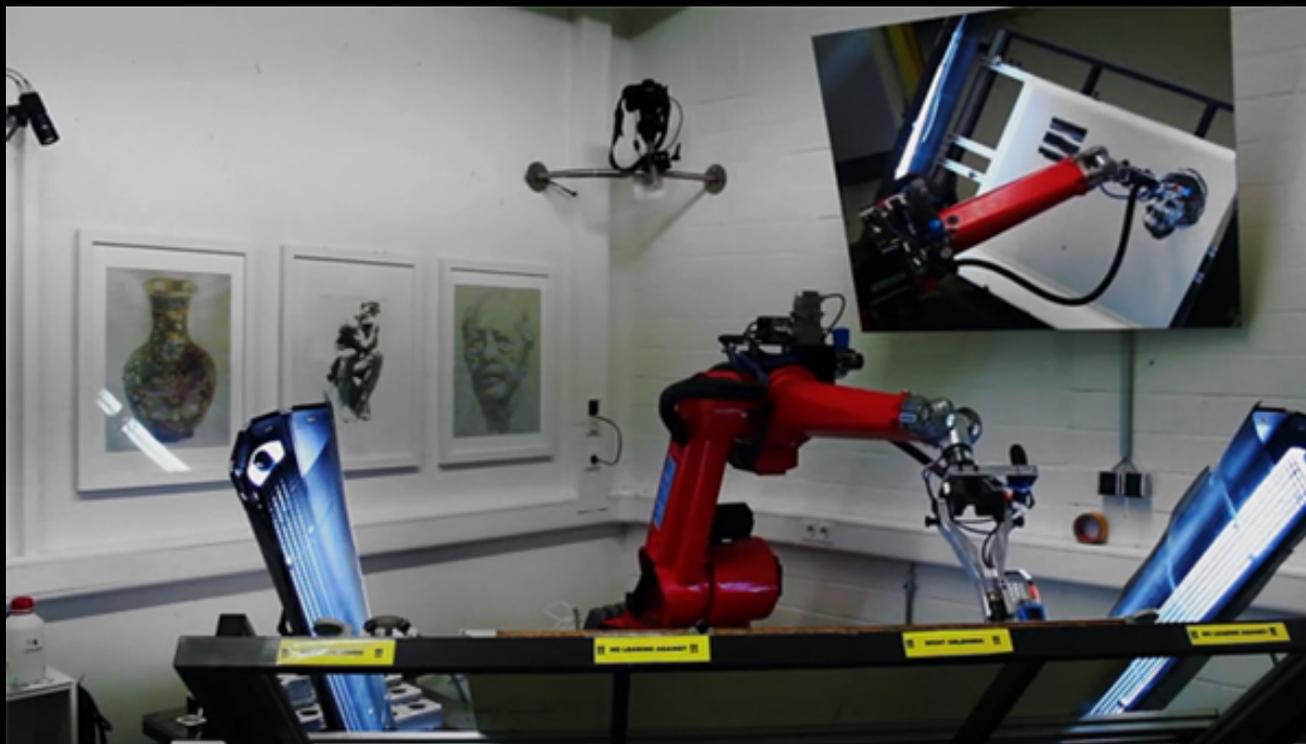
**Artmatr is pioneering New Technologies
for the Visual Arts
through the convergence of Creatives and Technologists.**

- **Creating our own custom Studio/Labs**
- **Leverages existing research from Educational Institutions**
 - **Working with Corporate Sponsors**
- **Partnering with related Startups and Individuals**

Educational Partnerships

University of Konstanz and MIT Media Lab





MIT Museum Studio Program and Arts at MIT



Consortium for Research and Robotics, Pratt Institute



Corporate Sponsorships

Bluedge Corporation and Reliabotics LLC



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MIT Hacking Arts (hackingarts.com)







**COMPOSITE PROTOTYPING CENTER
PLAINVIEW, NEW YORK**



Composite Prototyping Center is the National Designee for the Department of Energy's Institute for Advanced Composites Manufacturing Innovation's Designated Center for New York and the Northeast Corridor

Plainview, NY... (October 15, 2015)

The Institute for Advanced Composites Manufacturing (IACMI) today signed a Memorandum of Understanding with the Composite Prototyping Center outlining a collaborative arrangement in which both will work to bring advanced composite materials and technologies to the marketplace. It is a major achievement for the CPC which has earned this national recognition as the IACMI's designated center for commercializing advanced composites manufacturing on Long Island, New York State and the broader Northeast corridor. The agreement provides the framework for collaboration in research, product development, commercialization, workforce training and STEM (Science, Technology, Engineering and Math) education.





Our Mission

CPC's core mission was developed in recognition of the growing demand and opportunities in advanced manufacturing using composite materials such as carbon fiber, fiberglass, and aramid.

It is:

To take the best assets available to form a core manufacturing competency in the rapidly growing composite market, while providing companies access to essential training and workforce development, process technologies, prototype manufacturing, and test capabilities, thus enabling these companies to meet the rapidly growing advanced composite manufacturing supply chain needs of prime contractors and OEM's.



CPC's Primary Objectives

- Establish premier resources for composite prototype production for applications across diverse markets, including aerospace, automotive, energy, infrastructure, transportation, and leisure goods.
- Equip the CPC with essential production line technologies and staff the center with expert technologists.
- Assist companies to become qualified suppliers to OEMs and prime contractors for composite components / assemblies.
- Continue to secure government grants and private funding to facilitate CPC's future growth and development.
- Work closely with universities and community colleges to help develop multilevel certificate and degree programs consisting of advanced composite technologies for post secondary and undergraduate students thereby creating a highly-skilled workforce.
- Develop and conduct STEM training programs with local high schools.



Composite Training and Education

CPC's training classroom is equipped with:

- Dell Workstations (seven)
- Software Tools :
 - CATIA v5 CAD/CAM with composite module
 - Siemens CAD /CAM (Nastran (FEA) /ANASYS)
 - Fibersim Composite Design
 - Pro-E Wildfire
 - SolidWorks s/w
- Video Conferencing hardware and software
- Hardware and software to network to manufacturing process equipment to enable easy up/down loading of programs and online programming



Composite Training and Education

Education Curriculum and Certificate Programs:

- CPC offers introductory and composite design training courses for industry
- Stony Brook University will be offering a minor in composites (Mechanical Engineering degree)
- CPC is an approved CertTec® testing site for the Composite Technician Certification program
- CPC has launched a STEM Composites Initiative with local high schools which includes college credit from Vaughn College



THE CURRICULUM

The Composite Technician Certification Program is a 60- hour course involving a comprehensive assessment of technician skills and knowledge focused on composites history, fiber reinforcements, matrix systems, and processes related to composite fabrication, inspection, damage assessment and repair common in today's industry.

Competencies Covered:

- Characteristics of Composites
- Fabrication Methods
- Testing, Inspection and Repair
- Health and Safety

CERTIFICATION

The Composite Technician Certification graduate is certified through CerTEC, a nationally recognized certifying agency.



COMPOSITE TECHNICIAN CERTIFICATION PROGRAM





Composite Technician Certification Program

Course Lab Projects

- Wet lay-up of laminate panels
- Wet lay-up of honeycomb panels
- Bonding and assembling panels
- Damage and repair of composite honeycomb panels
- Fabricating and testing tensile test coupons
- 3D Printing
- CNC machining operations simulation
- Fabrication and assembly of a composite clip board
- RTM component demonstration
- Final Project design, tool fabrication and part fabrication



THE CURRICULUM

This course is a 15 hour, four-week program taught by the engineering facility from Vaughn College and CPC Personnel. The curriculum consists of both classroom lectures and hands-on lab experience. Students that successfully complete the course will receive one college credit from Vaughn College.

- Introduction to Composites
- Design with Composites
- Analysis with Composites
- Composite Materials and Processes
- Manufacturing with Composites
- Hot Bond Repair

S.T.E.M. HIGH SCHOOL COMPOSITE TECHNOLOGY PROGRAM





Other Activities

Engagement with Empire State Development/MEP Network

- CPC works with the local MEP (MTRC) to leverage funding to assist SME's in supporting project work that originates at CPC
 - Four projects currently underway
 - MTRC provides approximately 40% reimbursement of project costs
 - Broad range of clean energy industries served – wind turbine, hybrid vehicles, materials development - and others (HVAC, Vision)
- CPC continues to work with MTRC to development additional training modules in composites
- CPC is a standing member of an area-wide Committee focused on workforce development issues and creating solutions to meet local workforce needs in manufacturing



Advanced Composite Design & MFG Development In Aerospace Structures, Energy & Automotive Industries



❑ SciMax Technology Capability Brief

❖ Affordable In depth Engineering, Prototype validation & MFG

Affiliated and Co-located with the Composite Prototype Center (CPC)

Feb-2018

Max Gross - SciMax Technologies
121 Express Street, Plainview, NY
516-543-2184
mgross@scimaxtech.com

SciMax Technologies; Who We are

- SciMax Technologies was Incorporated in early 2014 by a technical team, consisting of experienced advanced composite engineers with extensive background in the industry, which includes:
 - Bell
 - Boeing
 - Dow-UT / GKN
 - EDO / ITT / Exelis
 - GE
 - Gulfstream
 - Northrop Grumman
 - LMC
 - Sikorsky
- SciMax goal is to provide engineering and technical support to the industry on the same proficiency level as the OEM & the first tier suppliers in a cost effective fashion
- SciMax Technologies is affiliated with the Composite Prototyping Center (CPC) Utilizing Advanced Technology Manufacturing in new Developments with optimum and timely support to meet customer goals, an ideal industry's quest for affordable quality Engineering Services, linked directly to manufacturing & validation
- SciMax Technologies takes design concepts from Technology Readiness Level (TRL) of 1-3 (An Industry scale of 1 to 10) to the range of 6-8, and continues the progress into full production readiness and LRIP followed by full production

SciMax Technologies Mission

□ SciMax Technology Mission Statement

- **SciMax Technology Provides full spectrum engineering, design and analysis as a total resource to the Manufacturers / OEMs and DoD**
 - Competitive and cost effective services
- **Solve OEM challenges and validate solutions via fabrication and testing validation**
- **Provides full engineering development team capabilities to the OEM in a virtual co-location environment, with frequent on site meetings and reviews.**
- **Team with OEM to support Airframe System Fabrication for production or team with OEM approved supplier for production fabrication**

Background & Capabilities

❑ SciMax has a first class technical team that Developed State of the art composite structures

- CH53K Tail Rotor Pylon, Stabilizer & Spsonsons
- JSF-F35, Ord. Delivery system & Airframe Sections
- Dominator-UAV Airframe
- High Strain Wing Box
- B-757/B777 – Spoilers and Flaps
- Nuclear Hardened Shelter
- C-17 Aircraft Control surfaces
- V-22 Empennage
- Joint Strike Fighter JSF-X-32 Weapon Delivery System
- Comanche Helicopter– Weapons Delivery Structure
- Bell-429 Helicopter Roof
- GE Engine Trust Reversers (Trans-cowls)
- Jet Engine Fan-cowls & Inlets
- Aircraft Engine Bay doors
- X-29 composite wing



Dominator



Trust Reverser



CH53K Tail Rotor Pylon



jet Engine Inlets



C17 Control Surfaces



Engine Fan Cowl

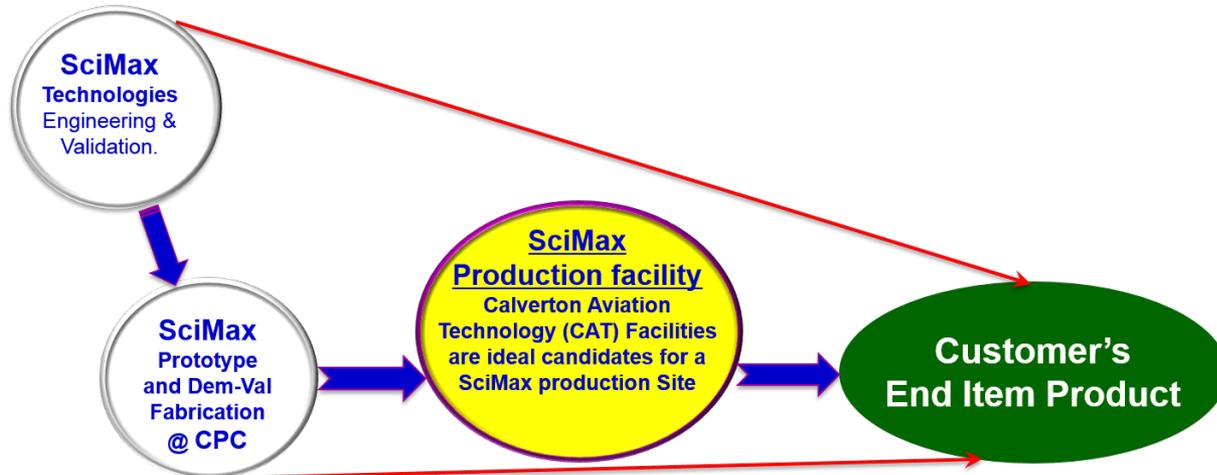
Engine Blades



Comprehensive Development

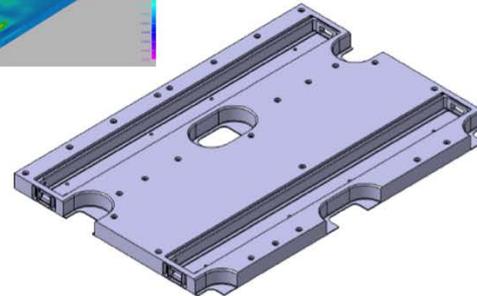
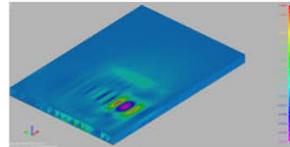
❑ SciMax

- Provides State of the Art Affordable Engineering and MFG
 - Combining an experienced and nimble engineering team with state of the art fabrication for Advanced Composite Systems;



Current Development Projects Candidates for CAT Facilities Production

- **Advanced TP Composite Flooring for CH53K- NAVY SBIR Contract**
 - ❖ Program is currently in Phase –II
 - ❖ Planning Phase-III transition to Production
 - 300 Production Aircraft Planned by US Navy + Foreign Sales
 - Calverton Aviation Technology (CAT) Facilities are a strong candidate for the site



Current Development Projects Candidates for CAT Facilities Production

- **Composite Heat-Pump Housing Development**
 - ❖ Will replace current heating & cooling system
 - Anticipated Need: 20,000+ units by ~2022

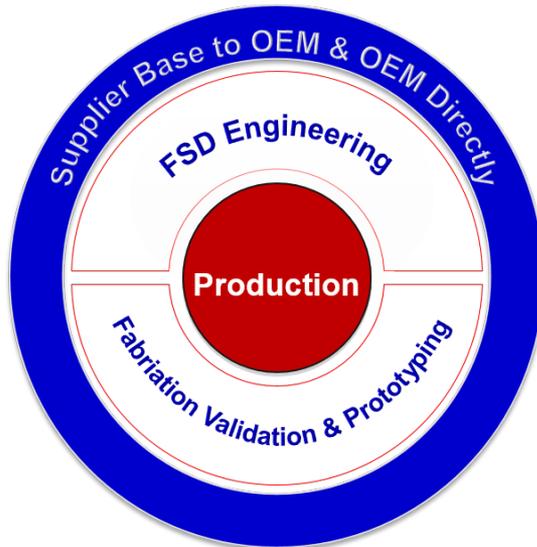


- **Carbon/Epoxy Rotor Blade Development**
 - ❖ For Counter rotating helicopter Rotors
 - ❖ Anticipated 400 to 600 blades
 - Production facility slated for CAT



Summary

❑ The Concentric circle of Success



Take Away Message

- ❖ The Concentric circle of Success is truly successful only if it concludes with state of the art production facility having easy access location with ample ability to expand as the business base grows;

CAT in Riverhead is the ideal location for such growth



WORLDWIDE

TRIPLEFIVE.COM

INDUSTRIAL AND COMMERCIAL DEVELOPERS



NADER GHERMEZIAN

CHAIRMAN, TRIPLE FIVE WORLDWIDE

Mr. Nader Ghermezian is the Chairman of Triple Five Group of Companies Worldwide, which under his guidance has become a multi-national conglomerate. Mr. Ghermezian started his entrepreneurship at the age of 21 after attending McGill University in Montreal, Canada. Mr. Ghermezian takes a special interest to be involved in all major decisions Triple Five Group makes. To date, Triple Five Group of Companies have created more than 50,000 direct and indirect jobs. Mr. Ghermezian is a philanthropist and is involved in assisting hundreds of charities internationally.



Mr. Ghermezian has also received many awards, including:

- The Commemorative Medal for the 125th Anniversary of the Confederation of Canada in recognition of significant contribution to compatriots, community, and to Canada;
- The Great Canadian Award recognizing outstanding services to the people of Alberta; and
- The Family of the Century Award – Alberta Centennial, Canada

Triple Five® Worldwide is a multinational diversified conglomerate, development and finance corporation with offices in major U.S., Canadian and global cities. Triple Five Worldwide Group of Companies has developed, own & operate the 1st, 2nd and 3rd world's largest tourism retail and entertainment complexes of its kind as well as an extensive portfolio of diverse and independent divisions that currently employs over 5,000 professionals and has created over 50,000 jobs. Triple Five's wide-ranging experience is suited to creating successful mixed-use developments and activities worldwide that encompass the development, management and ownership of world-scale ventures in many fields.

TRIPLE FIVE® WORLDWIDE HAS BEEN THE RECIPIENT OF THE FOLLOWING AWARDS:

- The Commemorative Medal for the 125th Anniversary of the Confederation of Canada in recognition of significant contribution to compatriots, community and to Canada
- The Great Canadian Award recognizing outstanding services to the people of Alberta
- The Family of the Century Award – Alberta Centennial, Canada



TRIPLE FIVE® WORLDWIDE

Group of Independent Companies

DIVISIONS (FIELDS OF ACTIVITIES):

Industrial Manufacturing
Auto Manufacturing
Switch Gear Manufacturing
Truck Manufacturing
Naval Parts Manufacturing
Minerals
Atomic Energy Engineering
Infrastructure
Surveying
Technology
Social Media Telecommunications Biotechnology
Research & Development Venture Capital
Banking (Canada & the U.S.)
Finance
Private Equity
Credit Card
Gift Card
Franchise/Licensee Operations
Food Distribution & Restaurant Management
Wine & Spirits
Marketing & Publicity

Native Affairs
Philanthropy
Mega Tourism Destinations
Mega Mixed Use Developments
Mega Shopping & Entertainment Attractions
American Dream™
West Edmonton Mall®:
Largest Mall in North America
Mall of America®
China Developments
Websites
Energy Division
Natural Resources
Oil & Gas
Petrochemical Engineering
Drilling
Solar
Casinos
Tourism & Entertainment
Office Buildings
Urban Entertainment Developments Recreation &
Amusement Parks

Aquatic & Marine Life
Touring Shows
Movie Theatre
Hotels/Hospitality
Gaming
Construction
Revitalization
Residential Real Estate Commercial Real Estate
Industrial Real Estate
Sports Facilities & Arenas
Project Management
Leasing
Urban Redevelopment
Municipal Planning & Development
Suburban Municipal & Neighborhood Development
Roads & Highway
Quality Control
Engineering
Procurement



BIOTECHNOLOGY DIVISION

RESEARCH AND DEVELOPMENT

The Life Science division specializes in the development of new technologies for fast, ultra sensitive and high-throughput genomics and proteomics analysis. Celonex has developed a unique new microarray platform in CeramiChip™. This new platform can be used for both DNA and protein microarray and clearly surpasses glass-based platforms in many respects. Using its unique micro array system, Celonex is the only company worldwide that manufactures and commercializes various DNA micro arrays for functional genomic studies of many important human viruses such as HIV1/2, human herpes viruses (HHV1-8), etc. Celonex has also developed a non-enzymatic DNA amplification technology that can efficiently intensify the detection signals on different genomics and proteomics platforms used for ultra sensitive detection in other molecular or immunochemical assays. Furthermore, Celonex is a fast expanding company that places an emphasis on proteomics and production of specific monoclonal antibodies against the entire human proteins.

The Celonex Pharmaceuticals division has recently been created to discover new drug targets and to develop more efficient drug delivery systems, using Celonex's advanced genomics and proteomics technologies and information. Our current focus is on hypertension and its associated diseases such as chronic high blood pressure, heart attack, stroke, kidney failure, glaucoma, diabetes, etc. In the hope of finding new drug targets for such diseases, Celonex continues to discover the structure of a small molecule referred to as parathyroid hypertensive factor (PHF). This molecule has been clinically linked to high blood pressure and has also been shown to directly cause hypertension in a model organism.

Celonex Pharmaceuticals and Celonex Life Science are located in Edmonton, Alberta.

Celonex is owned and managed by Triple Five.®





PHILANTHROPY & COMMUNITY COMMITMENT

Giving back to the communities which have given so much of themselves is a pleasure and responsibility to which Triple Five® is very dedicated, both as a family and as an extended "corporate family." Triple Five's philanthropic giving is multimillion dollars annually.

Triple Five is helping to serve individuals and communities not as an obligation, but rather a blessing, privilege and family dedication. Triple Five regularly donates to more than 200 charities, services, schools, associations, societies and medical care and research organizations in the United States, Canada and internationally.

The organizations supported by Triple Five vary widely, ranging from Big Brothers and Big Sisters to the Diabetes Foundation; from Cystic Fibrosis to Special Olympics; and numerous elementary, junior & high schools including local public education; and from Make-A-Wish Foundation to Young Life Ministries both in Canada and the United States.

As a nonpolitical organization, Triple Five makes donations to all religious organizations from synagogues to mosques to churches.

NATIVE AFFAIRS

With a clear understanding of the connection our First Peoples of North America have to the land, and their strong desire to create economic wealth for their people, Triple Five® will be offering the following opportunities to First Nations of Canada and the Native Tribes of America:

- Prepaid credit card programs for payroll, social programs and other programs that require writing a check on a continuous basis for its members
- Capital management and consultation
- Joint Venture agreements with the First Nations of Canada and Tribes of the United States
- Development of casinos, residential, commercial and industrial, on or off reservation
- Business and economic development
- Exploration and development of mineral resources
- Exploration and production of oil and gas



REAL ESTATE DIVISION

Triple Five® Worldwide has a very experienced real estate team aggressively pursuing opportunities in over 25 cities in the United States, Canada & around the world!

Triple Five® is one of North America's most diverse Development and Finance organizations with offices in major American, Canadian and global cities. Our major strength is versatility with a wide range of projects giving us the ideal expertise for creating successful mixed-use developments.

Triple Five and its affiliates' activities encompass the initiation, development, fruition and ownership of world-scale ventures in many fields including:

- Major shopping centers
- Municipal planning & development
- Revitalization programs & their implementation
- Tourism projects
- Urban entertainment destinations
- Recreation and amusement parks
- Hospitality projects
- Residential developments
- Commercial & industrial real estate
- Suburban communities



CAT

CALVERTON AVIATION & TECHNOLOGY