



CESARONI AEROSPACE
INCORPORATED

CESARONI TECHNOLOGY
INCORPORATED

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Cesaroni Technology Incorporated (CTI) is an innovative company specializing in industrial design and manufacturing. The company also performs research and development in support of its products. CTI's four core business units includes ammunition component manufacturing, rocket and missile propulsion system development and manufacturing, polymeric heat exchange system development and manufacturing and finally, automotive test system integration. The company's expansive intellectual property includes patents in heat exchange products and processes, polymeric composite materials, polymeric joining techniques, polymer/ metal matrix ammunition components and solid/hybrid rocket propulsion systems.

CTI'S HISTORY: CTI was formed in 1985 as an automotive R&D company conducting research on advanced automotive cooling concepts and high-performance polymeric heat exchangers. In 1994, the company expanded its research and product development program to include aerospace propulsion systems and eco-friendly ammunition components. When CTI moved from Toronto to its own 23-acre research and manufacturing park, focus shifted towards aerospace, ammunition and heat transfer product manufacturing park, focus shifted towards aerospace, ammunition and heat transfer product manufacturing.

In 2006, Cesaroni Aerospace Incorporated was formed to pursue aerospace opportunities in the US and was based in Sarasota, Florida. The company successfully designed and developed several large-scale sub-orbital propulsion systems and, as a result, acquired a manufacturing and test facility at Spaceport America, New Mexico in 2017. As the company continued to capture market share for its products, its Sarasota operation was relocated in 2019 to a new and expanded R&D, test, and manufacturing facility in Bowling Green, Florida. which now serves as the high-precision CNC and additive manufacturing center of excellence for the company. In 2025, the company's U.S. aerospace manufacturing operations were relocated to Lubbock, Texas.

CTI continues to develop and manufacture ammunition components, aerospace products including energetic compounds and propulsion systems as well as polymeric heat exchange technology for HVAC, industrial process and energy storage customers around the world. Manufacturing capacity continues to grow as global demand for its products increases.

- 1985** CTI Formed
- 1989** First demo of a polymeric radiator
- 1997** First Pro-X consumer rocket motors shipped
- 1998** First "green" ammunition supplied to US DoD
- 2005** Cesaroni Aerospace formed
- 2007** First launch into space
- 2008** First large scale commercial heat exchanger contract commenced
- 2017** First rocket motors produced at Spaceport America
- 2021** Ammunition component production starts in Bowling Green
- 2024** ISO 9001:2015 Certified
- 2025** US Aerospace manufacturing operations relocated to Texas

AMMUNITION COMPONENTS

Cesaroni Technology Incorporated (CTI) has been providing lead-free frangible bullets to all major ammunition manufacturers worldwide for over 20 years. Since the market introduction of CTI's bullets in the mid 90's, the company has provided over 2 billion bullets to defence and law enforcement users around the globe for both CQB training and tactical operations. Recreational users are also recognizing the advantages of using lead-free frangible ammunition in home defence and indoor/outdoor target shooting.

CTI is continually expanding its line-up of GREENRANGE lead-free frangible bullets and includes several 300AAC Blackout, 9 mm and 5.56x45 variants as well as a number of shot gun projectiles. The product line ranges from .22LR to .50BMG and includes all popular pistol and rifle calibres in both copper-jacketed and unjacketed styles including 4.6mm, 5.7x28, 5.56x45, 9mm, 40S&W, 7.62x39, 7.62x51 & 300ACC Blackout calibres. Shot gun projectiles include both spherical buckshot and slug designs for 12 gauge applications.



When combined with lead-free primers, GREENRANGE bullets offer a true 100% lead-free environmentally friendly alternative to reduced lead and encapsulated lead ammunition products.

Our semi-jacketed bullets are suppressor safe and do not cause fouling in suppressors unlike other polymeric frangible bullets.

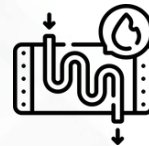


HEAT TRANSFER PRODUCTS

CTI got its start in the mid 80's developing innovative cooling solutions for automotive racing applications using engineering polymers. In partnership with a global leader in polymer technology, CTI developed heat exchangers for a variety of applications, ranging from military vehicles and small pleasure craft to HVAC equipment, thermal ice storage systems and evaporative fluid coolers. Air to air exchangers have also been developed for several automotive applications. The light weight of the systems makes installation simple. The all-polymeric construction makes them corrosion resistant and much less susceptible to damage when compared to traditional systems with fragile metal fins. This makes them ideal for harsh environments.



These exchangers are durable, corrosion-resistant, and suitable for use with a variety of fluids, including water, brine, glycol solutions, and hydrocarbons.



Under the PolyCoil brand, CTI has gone on to manufacture polymeric heat transfer systems in several styles and forms including a shell and tube exchangers for industrial liquid to liquid heat transfer applications such as process cooling and energy storage systems as well as a high-density tube array for liquid to air applications. PolyCoil polymeric heat exchangers offer high heat transfer, superior impact resistance and reduced fouling in an equivalent package size and shape when compared to metal designs.

Polycoil Heat Exchangers line-up includes:



RECTANGLE
3in x 11in
Length 12in - 72in
(custom available)



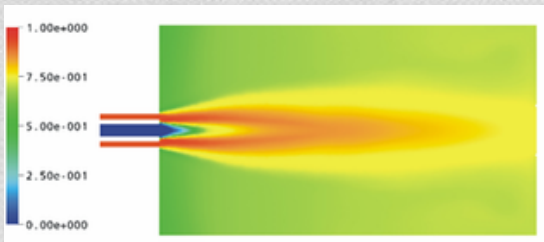
TUBE & SHELL
Ø 1in - 4in
Length 6in - 48in
(custom available)

AEROSPACE PRODUCTS

With a core expertise in materials science and industrial design, Cesaroni Technology Inc. (CTI) has established itself as a leader in aerospace systems and components for both commercial and consumer markets worldwide. CTI operates with two specialized branches: Consumer and Commercial.

The Consumer branch, represented by our Pro-X brand, caters to hobbyists and enthusiasts in rocketry. Pro-X offers a wide range of high-quality motors and kits for personal and educational projects, with a reputation for accessible, user-friendly designs. Meanwhile, the Commercial branch serves the aerospace industry, delivering advanced solutions such as components, propulsion systems, and hybrid technologies for commercial and defence sectors. This dual approach allows CTI to meet the diverse needs of both individual rocketry fans and large-scale aerospace clients with precision and dedication.

As CTI's engineering design, testing, and manufacturing capabilities expanded to include composite structures and large-scale energetics production, the company began supporting research and development programs for defence agencies such as the U.S. DoD, UK MoD, French MoD, and other European defence agencies. Over the years, CTI has developed and manufactured prototypes for cruise missile boosters, ship-launched defensive decoys, drone recovery systems, turbine start cartridges, and ICBM battery activation systems at facilities in both the U.S. and Canada. Recently, CTI has added UAS boost motors and C-UAS missile motors to their application line up.



CTI's in-house engineering and test capabilities include:

- Metal and composite design in 3D utilizing SOLIDWORKS
- Computational fluid dynamics analysis
- Finite element analysis of stress and thermal loading
- Accelerated aging and environmental conditioning
- Hydrostatic, vibration and mechanical testing
- Scanning electron microscopy, particle analysis and 3D printing
- Fully instrumented thrust stands and thermodynamic wind tunnels



In addition to manufacturing the Pro-X line of consumer products, CTI currently produces rocket motor systems for target drones, high-speed test track propulsion systems, sub-orbital launch vehicle rocket motors, and upper-stage space vehicle boost motors. CTI's energetics expertise also extends beyond aerospace to support non-aerospace applications, such as cash-in-transit security systems and safety systems for the oil and gas industry.

More than 25 years ago, CTI introduced the Pro-X line of high-power hobby rocket motors, featuring an innovative reloadable cartridge design. This system has since evolved to include motor case diameters of 24, 29, 38, 54, 75, 98, and 150mm, along with various propellant formulations for performance tuning and visually striking flame effects.





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PRESIDENT & CEO
Anthony J. Cesaroni

VP, COO & CSO
Mark V. Neprily

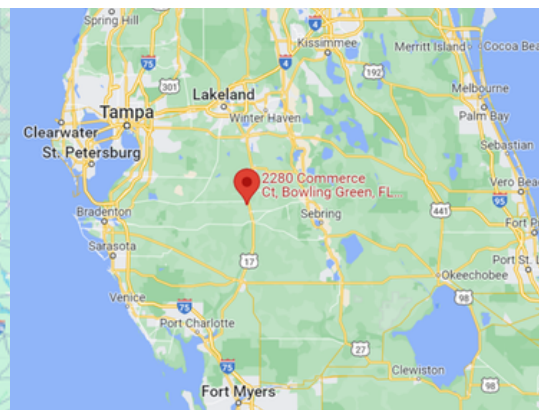
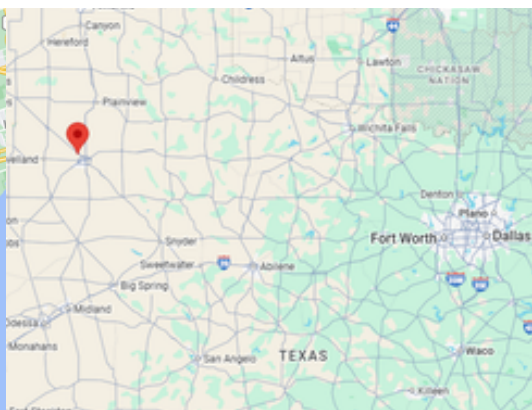
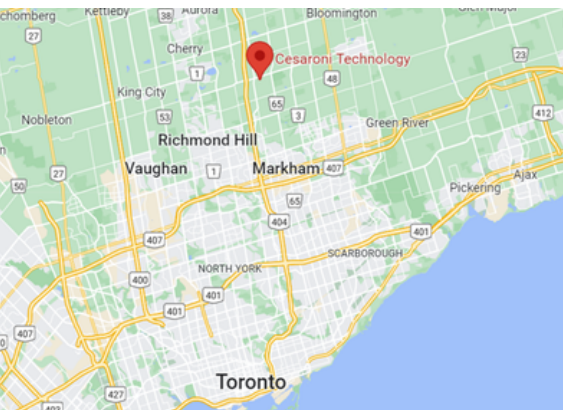
**DIRECTOR, ENGINEERING &
REGULATORY AFFAIRS**
Gordon J. Clarke

**MANAGER,
AEROSPACE ENGINEER**
Bryan Pilon



NSF-ISR
Registered to ISO 9001

Quality is of utmost importance at Cesaroni Technology Incorporated.
We demonstrate our commitment by being ISO 9001:2015 certified
by NSF-ISR at our head office in Gormley, for the design and manufacturing of rocket
and missile propulsion systems, ammunition components, polymeric heat exchangers,
and test equipment.



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Aerospace



Ammunition



Energetics



Heat Exchangers



Manufacturing



Research & Development



Test Equipment



Corporate Information

Controlled Goods Program Certificate #10002
Cesaroni Technology Inc. CAGE Code 0PR04
Cesaroni Aerospace Inc. CAGE Code 3D8C7
NRCAn-ERD Licensed Explosives Manufacturer

