


Magellan Aerospace

Magellan Aerospace Corporation

	
Type	Public
Traded as	TSX: MAL (https://web.tmxmoney.com/quote.php?qm_symbol=MAL:TSX)
ISIN	CA5589122004
Industry	Aerospace
Predecessor	Orenda Engines
Founded	1996
Headquarters	Mississauga, Ontario, Canada ^[1]
Key people	N. Murray Edwards (Chairman) Phillip Underwood (President & CEO)
Revenue	C\$843 million (2014) ^[2]
Net income	C\$56.6 million (2014) ^[2]
Number of employees	3,000 ^[3]
Subsidiaries	Bristol Aerospace
Website	www.magellan.aero (http://www.magellan.aero)

Magellan Aerospace Corporation is a Canadian manufacturer of aerospace systems and components. Magellan also repairs and overhauls, tests, and provides aftermarket support services for engines, and engine structural components. The company's business units are divided into the product areas of aeroengines, aerostructures, rockets and space, and specialty products. Its corporate offices in Mississauga, Ontario, Magellan operates in facilities throughout Canada, the United States, and the United Kingdom.

Magellan is a component supplier for the [Airbus A380](#), the [Boeing 787 Dreamliner](#), the [F-35 Joint Strike Fighter](#), and [Bombardier's](#) complete line of business and commuter aircraft. Magellan also supplies gas turbine components for airplanes, helicopters, and military vehicles such as the [M-1 Abrams tank](#).

Contents

History

Projects

Capabilities

References

External links

History

Magellan was formed in 1996 from the remains of **Fleet Industries**, a subsidiary of the US-based [Fleet Aerospace](#) located in [Fort Erie, Ontario](#). They produced products and services for the Canadian military, as well as subassemblies for aviation companies.

Through the 1990s Magellan expanded, buying a number of Canadian aviation companies. These included:

- [Orenda Aerospace](#) (c. 1946 and now Magellan Repair, Overhaul and Industrial) in Toronto and acquired in 1997
- [Bristol Aerospace](#) (c. 1930) of [Winnipeg](#) and acquired in 1997
- [Chicopee Manufacturing Limited](#) (c. 1953)^[4] in [Kitchener, Ontario](#)
- [Haley Industries](#) (c. 1952) of [Haley Station, Ontario](#) and acquired 2002

Several US companies were also added, including [Aeronca](#) (formerly part of the US-based portions of Fleet), [AMBEL Precision Manufacturing](#), [Ellanef Manufacturing](#), [Middleton Aerospace](#) and [Presto Casting Company](#). They also purchased the assets of [Mayflower Aerospace](#) in England, becoming Magellan Aerospace UK in 2003. The Fleet Aerospace division was closed in 2003, was sold, and later re-opened as [Fleet Canada Inc.](#) Magellan Aerospace is now an integrated, international company and all of its subsidiaries are wholly owned, operating under the Magellan name.

Projects

Magellan Aerospace also manufactures structures and assemblies for commercial and defence aircraft manufacturers:

- General Electric - F101, F110, F404, F414, J79, J85, CF34, CF700, CJ610, LM2500, LM7000, CFE738, T64, CF6
- Pratt & Whitney - PW100 Series, PW300 Series, PW500 Series, PW 200, PW4000, PT6, TF33, JT9D, JT15D
- Rolls Royce - RTM322, RB211, T406, T800, RR Trent and RB211Industrial, AE 3007, F136
- Honeywell - AS900, AGT1500 (used in the M-1 Abrams tank), ALF507, TF40/50, T53 (used in the UH-1 helicopter), T55, LF502
- Volvo - RM12
- A380 Inner Fixed Trailing Edge

Capabilities

- Engine core manufacturing
- Exhaust systems and flow paths
- Engine and component repair and overhaul
- Sand casting
- Materials and engine testing
- Composite structures and assemblies
- Bonded engine and structure components
- Machined components
- Aircraft refurbishment
- Engineering services (Detail Stress/Design of Aerostructures using CATIA/ MSc PATRAN/NASTRAN Classical Hand Calcs)
- Rocket weapons systems
- Rocketry fuel production
- Suborbital rocket systems
- Meteorological rocket systems
- Space and satellite subsystems and components
- Industrial power packages - OT3 engines
- Wire strike protection for helicopters
- Engine development testing services
- Engine test facility maintenance support

References

1. 2015 annual report (<http://magellan.aero/wp-content/uploads/2015%20Annual%20Report.pdf>) 29p
2. "Magellan Aerospace Corporation Annual Report 2014" (<http://magellan.aero/wp-content/uploads/2014%20Annual%20Report.pdf>) (PDF). Retrieved 2014-09-30.

3. "Investor Relations: Fact Sheet" (http://dplus.magellanaerospace.com/section.cfm?section_id=8). Retrieved 2006-07-16.
4. Chicopee Manufacturing http://www.airframer.com/direct_detail.html?company=121658

External links

- [Magellan Aerospace \(http://www.magellan.aero\)](http://www.magellan.aero)
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