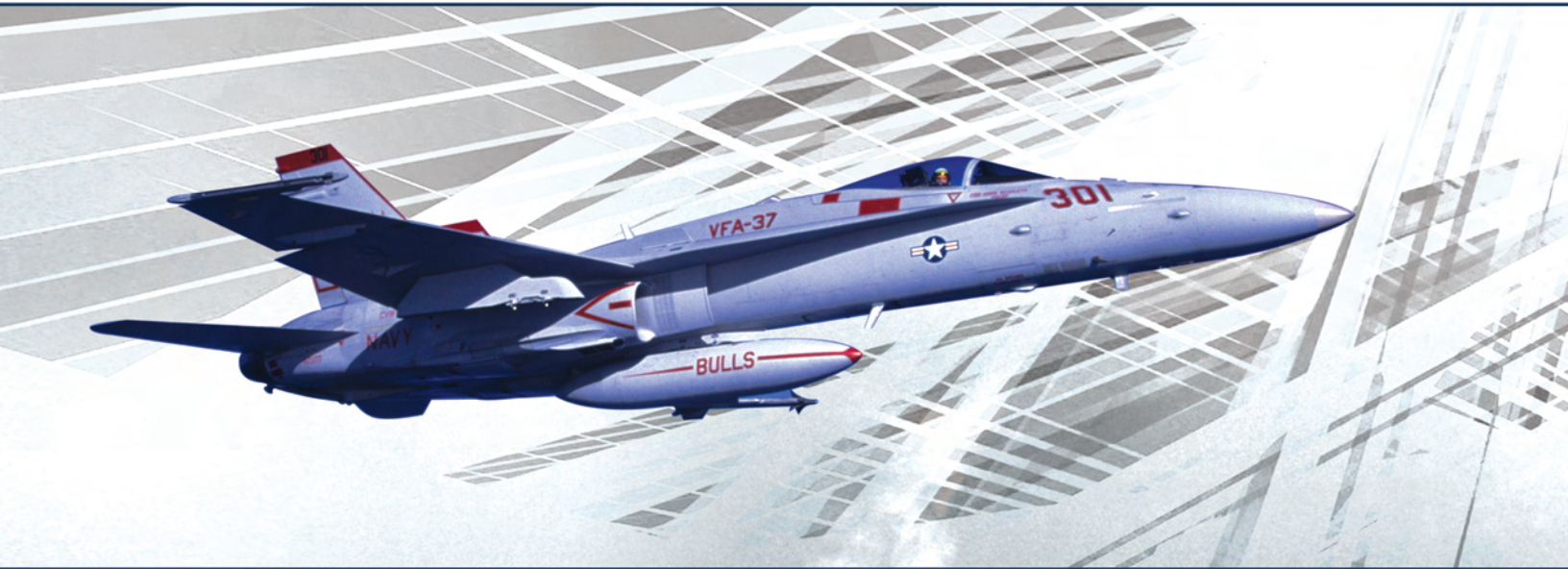


Whittaker Controls



MEGGITT
smart engineering for
extreme environments

Engineering excellence



Whittaker Controls

a Meggitt group company

Whittaker Controls is a market leader in the design and manufacture of a broad range of fluid control devices and systems for commercial and military aircraft and numerous industrial applications. It has been a leading supplier of these products since its formation in 1942.

The company's products regulate pneumatic (air), hydraulic (fluid) and fuel flows in aircraft systems, and are used in virtually all Boeing (including former McDonnell Douglas) and Airbus manufactured commercial aircraft, many regional jets, general aviation and business aircraft, and a wide range of US and foreign military aircraft.



In addition, Whittaker valves are used in aircraft turbine engines built by companies such as General Electric, Rolls-Royce and Pratt & Whitney. It also manufactures industrial controls that include ground fueling products for airports, valving systems, heat exchangers, and fuel skids for land-based gas turbines, off-shore oil platforms and petro-chemical complexes.



Whittaker Controls



ENGINE COMPONENTS

Whittaker maintains a close working relationship with its customers, including the major airlines and military aircraft sources. It provides a wide range of experienced field personnel throughout the world, and is highly responsive to its customers' requirements, including AOG situations.

Its longstanding relationships, combined with a global marketing effort and its distinguished, long history in aerospace, sustain its outstanding reputation for reliability and quality in its product line.

In aerospace and industrial areas, individual products are customized to suit specific applications, providing optimum

FUEL SYSTEMS

PNEUMATIC SYSTEMS

HYDRAULIC SYSTEMS

capability and performance at a very competitive cost. Whittaker Controls also provides full system integration support.

As an independent company, Whittaker Controls remains an agile business, backed by the resources of Meggitt's international group.



Dedicated customer support



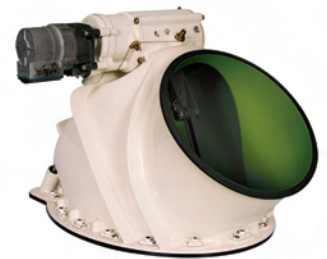
Maintenance, repair and overhaul

One of Whittaker Controls' major strengths is its maintenance, repair and overhaul operations. As the original equipment manufacturer, it can provide its customers with the highest quality services performed at the company's North Hollywood, Ca. facility.

Whittaker Controls maintains authorized FAA and JAA overhaul/repair stations. It is well positioned to offer prompt evaluation of customer repairs and overhauls and provides fast turnaround times. Repaired and overhauled units are returned to the customer in like-new, zero-time condition. Engineering for product improvement or modification is also available.

The company's quality assurance is comprehensive and current. Its third-party accreditations include ISO 9001:2000 and AS9100B. Regulatory certifications include the FAA Air Agency Certificate,

FAA Operations Specification, and EASA approval certificate. It also holds the environmental certification ISO 14001:1996.



Whittaker Controls is recognized by its customers for its ability to respond to tight, demanding turn around schedules. It is deeply cognizant of the importance of its customers' essential need to maintain their aircraft in flight readiness condition. Turn around time is enhanced by strong in-house engineering and MRO staff and proprietary in-house testing facilities.



Whittaker Controls



Our test facility



Whittaker's test facility is one of the most complete and extensive operations of its type in the aerospace industry. Its personnel average 20 years' experience.

The test facility meets all commercial and military requirements, and the stringent conditions imposed by the Federal Aviation Administration.

On-site testing capabilities include high capacity pneumatic testing, hydraulic test stands and fuel test equipment.

These facilities meet all current test requirements. Up-to-date computer data acquisition systems offer the flexibility to adapt to technical advances.

Whittaker's testing expertise in hydraulic components and subsystems include ball, spool and sleeve, shear seal, sliding gate, plug and poppet-type valves. Fuel system component testing includes motor-operated butterfly, ball and rotary plug-in and gate valves in a wide range of line sizes.

Aircraft fueling components for hydraulic service vehicles, refuelers and over-the-road tankers can also be tested.

Hydraulic test stands provide flows to 40 gpm and pressure to 6000 psig for all hydraulic fluids in use today. Environmental test facilities simulate extreme ambient temperatures, vibration, thermal shock, impulse loading, sand and dust, salt spray, EMI and EMP. Fuel test equipment enables steady-state and dynamic testing of components and subsystems at flow rates to 1800 gpm and pressures to 250 psig.



A valuable legacy



Actuation: Electro - Mechanical - Pneumatic - Fuel

Whittaker Controls' products are used extensively in aerospace. Over the years, we have provided essential components and services for companies such as Boeing, Airbus, General Electric, Bell Helicopters, Lockheed, UPS, Northrop Grumman, American Airlines, Delta Airlines, Honeywell, Allison, Goodrich, Hamilton Sundstrand, Federal Express, Cessna, Bombardier, Gulfstream, Sikorsky, Pratt & Whitney, SAAB, Korea Aerospace, Allison, Thai Airways, US Air, Israel Aircraft Industries, Beech Aerospace and many others.



A400M; B-1B, B-2, C-17, E-2C; F-111; F-14, F-15; F-16, F-117; C-130; Learjet; Space Shuttle; F/A-18; V-22; BAC-111; KC-135; SAAB 2000; MD-80; Gulfstream models; S-92; and Cessna Citation.

Whittaker Controls' products are essential to the operation of a variety of commercial and military aircraft including Boeing models such as the 737, 757, 767, 747, 787; Airbus platforms such as the A319, A320, A321, A330, A340, A380 and the

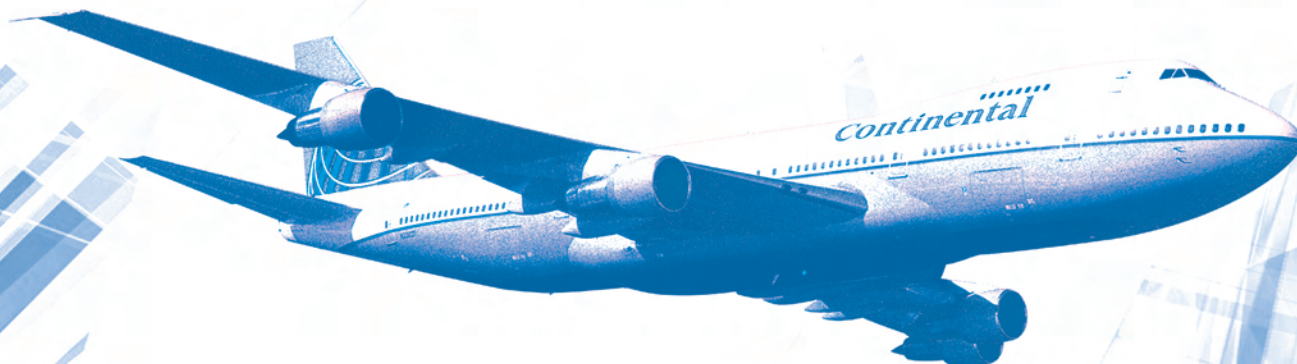


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Whittaker Controls is a Meggitt group company.

Headquartered in the United Kingdom, Meggitt PLC is an international group operating in North America, Europe and Asia. Known for its specialized extreme environment engineering, Meggitt is a world leader in the aerospace, defense and electronics industries.

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