Creating a new standard
The dictionary defines standard as “something established as a model of authority or excellence.” But it never says that standards can’t change, get better, reach higher. And that’s the way we’ve always seen it at StandardAero™. Set the standards—for service, for workmanship, for innovation. Then set about raising them again.
Founded in 1911, StandardAero has long been a global leader in engine repair for commercial and military aviation and helicopters. For over 60 years, Garrett Aviation, most recently known as Landmark Aviation, has been redefining business aviation maintenance. Since 1948, Associated Air Center has been pioneering the refurbishment and completion of large transport category aircraft. In that same year, TSS Aviation was founded, a company that has evolved to become a world leader in component repair.

Now, all four of these great legacies have come together to form one of the largest independent MRO businesses in the world—the new StandardAero.
The company now has over 4,000 employees working out of facilities strategically located in the US, Canada, Europe, Asia and Australia and serving customers from over 80 countries around the world. Our maintenance capabilities extend across a number of key market segments, including airlines, government and military, helicopters, energy and a comprehensive array of services to virtually any type of business aircraft. Our facilities are FAA, TC, EASA and JAA approved and we hold manufacturer’s authorizations on numerous airframes, engines and avionics.
Our people are dedicated to excellence and innovation. They’re people who not only do things the right way, but are always looking for a better way—whether it’s developing proprietary repair processes or redesigning our facilities to make them among the most advanced and efficient in the world. We figure that offering more industry-leading services from one trusted source will give you peace of mind and an enhanced ownership and operating experience. After all, that’s why we’re here.
The world keeps getting smaller, and turbine engines have played a part in that. In fact, customers come to us from all over the globe. But in the times when they need us most, it’s only fitting that we come to them. That’s why we have facilities in the US, Canada, Europe, Asia and Australia where you’ll always find StandardAero people, ready to help.
Business aviation

By adding the MRO services of Landmark Aviation (formerly Garrett Aviation), Standard Aero dramatically increases its capabilities and service offering to business aviation. We now have one of the largest networks of MRO facilities in the U.S. From engines and airframes to avionics, interior completions and paint, we can work on virtually any type of corporate aircraft in use today.

ENGINES From Garrett, we inherit their role as the main supplier of major maintenance for Honeywell TFE-731, TPE-331, CFE-738 engines and 36 Series APUs (most originally designed by Garrett). We are also the only company with a history of not just one, but three successful retrofit programs, revitalizing aircraft lifespan, performance and value. In addition, we also serve business aviation customers with expertise in the following engines: Pratt & Whitney Canada PT6A, PW600 and PW100; Rolls-Royce AE3007; and General Electric CF34®.
The Los Angeles and Springfield, IL facilities of Garrett Aviation (now a part of StandardAero) have completed a total of 87 retrofits of the Falcon 20, a success story unmatched in the industry.

AIRFRAME We perform airframe work ranging from standard inspections to major alterations. All of our facilities are FAA-certified repair stations and have airframe capabilities related to the needs of their respective geographic locations. Services are provided for: Airbus Industrie, Boeing Business Jet, Bombardier (Challenger, Global Express, Learjet), Dassault (Falcon Jet) and other popular business jets.

AVIONICS From repairing a transponder to installing a Rockwell Collins Pro Line 21 to wiring the latest in cabin entertainment systems, StandardAero has avionics capabilities that are second to none. Our authorizations include: FAA Designated Alteration Station (DAS); FAA Delegated Engineering Representatives (DER); Class 1, 2 & 3 radio and Class 2 & 3 instrument ratings.
COMPLETIONS + PAINT  With over 50 years of experience, StandardAero's facility in Springfield, IL offers interior and exterior redesign services, including interior refurbishments, as well as state-of-the-art exterior paint capabilities for a wide range of business aircraft.

MOBILE SERVICE TEAMS  Our strategically located Mobile Service Teams (MSTs) have been designed to provide customers with greater flexibility, while reducing costs and downtime. Whether it's scheduled maintenance or an unscheduled event, we'll deliver our services to you 24 hours a day, seven days a week. The teams are equipped to handle troubleshooting for both engine and airframe, minor discrepancy work (airframe and engine), routine maintenance, engine R&R, and engine maintenance. And, of course, they're backed by StandardAero's major service facilities and quality systems.
For over 40 years, StandardAero has served customers in the government and military sector. We maintain the Rolls-Royce Allison T56/501 family of engines, Lockheed Martin QECs and Hamilton Sundstrand 54H60 propellers which all power the Lockheed C-130 Hercules as it provides critical transport all over the world. In 1995, StandardAero added Rolls-Royce AE2100 engine capability and has been servicing C-130J operators around the world. We are a Rolls-Royce T56 and AE2100 Authorized Maintenance Center and our work has also resulted in a number of performance enhancements.

StandardAero facilities also support a wide range of military and government programs with expertise in the following engines: Pratt & Whitney Canada PT6A and PW100, Rolls-Royce model 250 and Honeywell APUs.
Helicopter programs

StandardAero has spent more than four decades providing repair and maintenance services for one of the world's most successful helicopter engines—the Rolls-Royce model 250. Recently, we've expanded our Pacific Rim capabilities to support the Turbomecca Arriel 1, Arriel 2 and Makila engines as well.

Many of our customers are owner-operators and we have a thorough understanding of their needs, such as providing module exchange, accessory and component repair, troubleshooting assistance and 24/7 emergency field service support. Our expert technicians take pride in developing proprietary repair processes and can custom build solutions to fit a customer’s specific mission. Meanwhile, our representatives focus on personal service and clear communication with our customers.

On July 22, 1994, Ron Bowers set the around-the-world speed record for a helicopter at 24 days, 4 hours, 35 minutes. His Bell JetRanger was powered by an Allison 250C20J overhauled by StandardAero.
StandardAero has been doing engine repair work for airlines for decades and we understand the requirements and needs that come with operating and maintaining a fleet of aircraft. We continue to be one of the world’s leaders in Rolls-Royce AE3007 and AE2100 engine service, and we are the first independent repair and overhaul company to hold General Electric Authorized CF34® Service Provider status. In addition, we also serve airline customers with expertise in the following engines and APUs: Pratt & Whitney Canada PT6A and PW100; Honeywell TPE-331 and 36 Series and RE220 APUs.

Our depth of experience and level of achievement ensure that you’ll always get benchmark service and expertise, as well as the quick turnarounds that help keep your business moving.
In 1948, Associated Air Center started as a three-man operation installing surplus radio equipment in former military aircraft that were operated by individual owners and businesses. Since then, it has become a world leader in the maintenance and modification of large transport category aircraft, with clients including internationally known individuals, corporations and heads of state.

Associated Air Center is world renowned for its custom-designed and crafted interior completions, MRO services, engineering and certification, while providing customers with discrete, personal service and timely delivery. In addition, the company is regarded as a specialist in the modification and maintenance of the Boeing Business Jet (BBJ) and Airbus Corporate Jet (ACJ) families of aircraft.

In 1999, Associated Air Center (AAC) performed the VIP completion on a Boeing Business Jets (BBJ) for the Miami Dolphins. It was the first of many BBJs to be transformed in the AAC hangars at Dallas Love Field.
It has always been StandardAero’s philosophy to “repair rather than replace”—seeking, whenever possible, to refurbish worn or damaged parts to meet OEM specifications. It’s a practice that shortens turnaround times, while helping optimize engine performance and minimize overall operating costs. To this end, we have developed many innovative repair processes, invested in extensive additional training and installed precision tooling technology.

Recently, TSS Aviation Inc. was acquired by StandardAero. TSS brings a 60-year track record of excellence in component repair and overhaul, and helps to greatly broaden our expertise and capabilities in this service area.
StandardAero Energy provides total package solutions for the energy industry. In the early 1960s, StandardAero became one of the industry leaders in Allison (now Rolls-Royce) T-56 repair and overhaul and our accumulated experience and innovation allowed us to extend our talents to the power generation market.

Now, StandardAero Energy has grown to provide worldwide support for this vital industry segment, offering expertise in the following engines: Rolls-Royce 501K; General Electric LM1600; and Vericor TF40/50. From turbine engine overhaul to field service to component repair, we do it all. We also offer customized refurbishment solutions using state-of-the-art technology that will fit your specific needs: from engine overhauls to control upgrades to full package refurbishment.

In 2004, StandardAero Energy began a build of Vericor TF50 gas turbine engines used in the 118 Wallypower. This motor yacht, with a cruising speed of 60 knots or almost 70 mph, is one of the fastest in the world.
Innovative Solutions

StandardAero offers a range of services and programs that are aimed at improving the productivity, cost-efficiency, support and training in MRO operations.

**ENTERPRISE SERVICES** consists of the Lean/Cellular Redesign and Continuous Process Improvement programs and StandardAero University. In effect, they are like two sides of the same coin. Lean/Cellular is a proprietary process aimed at redesigning an operation to maximize its productivity, workflow and efficiency. StandardAero University offers comprehensive training solutions to educate the workforce on the critical aspects of Lean/Cellular transformation and sustaining long-term cultural change. Our training programs can be delivered as stand-alone courses or bundled packages and are customized to meet your organization’s needs.

**TECHNICAL SERVICES** is made up of Electronic Publications and Document Management and the StandardAero Reliability Program. The first was developed to articulate critical information in a convenient, cost-effective and timely manner. It’s capable of producing work to the latest military and commercial specifications, including S1000D. The Reliability Program was designed as a way to more efficiently manage and utilize large inventories of engines, components and parts. The program holds a number of patents and has proven to be highly successful and cost-effective with both commercial and defense customers worldwide.
DAE Engineering

DAE Engineering is a full-range independent MRO service provider actively building global networks and broad industry reach. The 2007 purchase of StandardAero and Landmark Aviation creates a world-class MRO organization with expertise across numerous aviation sectors and business relationships throughout North America and around the world.

DAE is forming international partnerships at the highest level of industry with the aim of establishing one of the most innovative and successful businesses in the global aerospace industry inside the next decade. DAE Engineering's mission is to offer the aviation sector an unparalleled scope of capabilities and service.
Of course, we can say all we want about the new StandardAero, but what really matters in the end is how much better we can make your experience of owning and operating an aircraft. Making good on that is a standard we’ve always had at StandardAero. And some standards never change.
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