



Trends in Aerospace

The aerospace industry is about to reach a whole new level of growth. After experiencing the worst year in history for air travel in 2020, consumer demand is quickly beginning to return to its previous state. This upward trend calls for significant changes in the aerospace industry, prompting promising new trends and looming new challenges.

Digital Innovation on the Rise

More and more aerospace manufacturers are turning towards digital innovation to take advantage of growing aftermarket revenues. By digitizing manufacturing efforts, OEMs are reducing production costs and time-to-resolution. However, many companies aren't equipped to embrace these innovations without experts on their side.

Steps Towards More Sustainable Air Travel

Sustainable air travel has been on the agenda for years, but significant strides are being taken towards this goal in 2022. With developments in zero-fuel aircrafts, energy harvesting, and decarbonization, now is the time to embrace sustainable aerospace manufacturing.

Our services include:

- Component & Systems Testing
- Mechanical & Electrical Engineering
- Control Systems
- Field Support Engineering
- Model-Based Systems Engineering
- Supply Chain Transitioning

Production Will Boom

While defense aerospace may have stayed stable over the past few years, commercial aerospace took a dip. Fortunately, industry expansion is expected at 22% in 2022, catapulting production efforts forward.

To match customer demand, manufacturers must ramp up their production efforts. However, as exact demand fluctuates, manufacturers must secure an agile production model to scale capacity at a moment's notice. But, with supply chain disruptions looming, production could be inhibited without the proper resources and support.

Engineering Services Increase Workforce Capacity

While demand may be rising, skilled labor in the aerospace industry is on the decline, posing as the primary aerospace supply chain challenge. Numerous manufacturers report that their workforce is 10-20% smaller than is needed to support current demand.

For this reason, many OEMs are turning towards outsourced engineering services to increase their workforce capacity. With a managed engineering provider, OEMs can significantly scale their workforce capacity, providing them the means to scale production efforts and meet customer demand.

Get Ahead of the Trends with Intertec Engineering

Aerospace manufacturers must move quickly to take advantage of these current and upcoming trends. Unfortunately, with supply chain challenges worsening and a declining pool of skilled labor, internal efforts aren't cutting it.

Fortunately, Intertec Engineering can support aerospace companies in projects of all sizes, time-frame, and budgets. Our team of engineers offers over 650 years of combined experience in a wide array of aerospace and engineering services. With the skill set and capacity to manage projects from start to finish, we support our clients in the planning and organization of technical projects from conception to completion.