

The Rising Costs and Increased Downtimes of Engine Overhauls and HSIs

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Executive Summary:

Aircraft engine overhaul and Hot Section Inspection (HSI) costs have risen dramatically in recent years due to labor shortages, supply chain disruptions, increased aircraft utilization, and limited engine availability. The article highlights how these rising maintenance expenses are impacting owners researching private jets for sale, business jets for sale, and light jets for sale, including aircraft such as a Challenger 350 for sale, Citation Mustang for sale, Phenom 300 for sale, and Gulfstream G550 for sale. For clients evaluating how to buy a private jet or how to sell a private jet, understanding engine program structures and maintenance planning with guidance from a private jet broker and private jet expert has become increasingly important in managing long-term ownership costs

Key Takeaways:

- Engine overhaul and HSI costs have increased significantly across business aviation.
- Labor shortages and supply chain disruptions continue to extend maintenance timelines.
- Engine programs help owners manage maintenance costs and improve resale appeal.

FAQ:

What is a Hot Section Inspection (HSI)?

An HSI is a preventative engine inspection performed between overhauls to evaluate critical engine components and identify potential maintenance issues.

Why are engine overhaul costs increasing in business aviation?

Rising parts costs, labor shortages, supply chain disruptions, and increased aircraft utilization have all contributed to higher maintenance expenses.

How do engine programs benefit aircraft owners?

Engine programs help owners spread maintenance costs over time while improving budgeting predictability and aircraft resale appeal.

Why is aircraft downtime increasing during engine maintenance events?

Limited loaner engine availability, labor shortages, and longer overhaul timelines are causing aircraft to remain out of service for extended periods.

Why should buyers work with a private jet expert when evaluating engine programs?

An experienced private jet expert and private jet broker can help buyers understand program coverage, maintenance exposure, projected costs, and aircraft value implications.

About jetAVIVA

Founded in 2006, jetAVIVA is a globally recognized private jet broker and private jet expert, celebrating 20 years as a leader in turbine aircraft sales and acquisitions. Having supported thousands of clients in over 40 countries, jetAVIVA consistently ranks among the top firms for private jets for sale and business jets for sale by total transactions. The company specializes in representing buyers and sellers across the full spectrum of aircraft, including light jets for sale, super-midsize platforms like the Challenger 350 for sale, and large-cabin aircraft such as the Gulfstream G550 for sale. jetAVIVA provides comprehensive, expert guidance on how to buy a private jet, how to sell a private jet, and how to maximize value throughout the entire ownership lifecycle.