

Atlas Inspection Authorization Renewal Course

Training course Agenda / Syllabi

Atlas Aircraft Center, Inc. (CRS # 5APR577Y)

Sonia Virgue / Atlas Aircraft Center Training Department

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Introduction and Overview - Atlas Aircraft Center Inc. Mr. Todd Smith, V.P. Service Atlas Aircraft Center & Dave Jones, Maintenance Controller, PlaneSense, Inc.

Section 1: Jet-Care International Inc. – Mr. Ron Ashby, Manager of Engineering Liaison: *Technical Discussion on: Gas Path Analysis.*

One hour (1)

Section 2: Jet-Care International Inc. – Mr. Ron Ashby, Manager of Engineering Liaison: *Technical discussion on: Aircraft Laboratory Services.*

One hour (1)

Section 3: Sensenich Propeller Service – Mr. Will Burbage, General Manager: *Technical Discussion on: Proper Care and Maintenance of Propellers.*

One hour (1)

Section 4: C&D Heaters - Mr. Bill Sandmann, Designated Engineering Representative: *Technical Discussion on: Combustion cabin heaters Maintenance and Safety.*

One hour (1)

Lunch Break

Section 5: Camp Aircraft Management Programs – Mr. Victor Josephson, Training Manager: *Presentation on: Aircraft Maintenance, Planning, Scheduling and Tracking.*

One hour (1)

Section 6: Global Jet Services- Mr. Richard Williams, Training Manager: *Discussion on: Aviation Safety and Risk Management*

Two hours (2)

Section 7: Aviation Designee Association - Ms. Susan Fournier, Managing Director: *Technician/Regulatory Discussion on: findings during aircraft exports and recurrent certifications.*

One hour (1)

Total Training Hours = 8.0 hours

(Section 1), Jet-Care International Inc - Mr. Ron Ashby, Manager of Engineering: *Technical Discussion on:* Installed engine performance monitoring, early detection of engine gas path as well as bleed and instrumentation issues. Benefits of early warning: provides the opportunity so that rectification can be planned to minimize the disruption of the flight schedule. Why it is also reassuring to know that you have done what you can do to mitigate possible inconveniences to your passengers and improve air safety by performance monitoring. Monitoring the condition of your equipment applies to on condition maintenance programs as well as fixed interval inspections. Improving Safety, Availability and Controlling Cost through Condition Monitoring

(Section 2), Jet-Care International Inc - Mr. Ron Ashby, Manager of Engineering: *Technical Discussion on:* How the condition of your equipment's oil wetted components can be effectively monitored by oil, oil filter debris and chip analysis. Hydraulic analysis monitors the aircraft hydraulic system condition as well as the hydraulic servicing units. Fuel analysis is also beneficial in evaluating the condition of the aircraft's fuel system to detect potentially damaging conditions. Methods and benefits of increasing the monitoring of equipment to reduce the consequences of abnormal wear and to reduce operating cost and the secondary expense of failures.

(Section 3), Sensenich Propeller Service – Mr. Will Burbage, General Manager: *Technical Discussion on:* Proper care and maintenance of propellers, including when a mechanic should consider sending the propeller to a propeller repair station. We will cover; Fixpitch, Constant Speed, and Turbine applications, and provide updated information on Hartzell, McCauly, MT and Sensenich Propellers.

(Section 4), C&D Heaters - Mr. Bill Sandmann, Designated Engineering Representative:, *Technical Discussion on:* Combustion cabin heaters Maintenance and safety- test stations, troubleshooting, pressure decay test, common tube failures, and proper spark gap, along with how to accurately comply with Janitrol and South Wind AD's.

(Section 5), Camp Aircraft Management Programs – Mr. Victor Josephson, Training Manager: *Discussion on:* Aircraft Maintenance, Planning, Scheduling, Tracking, Recording and the Complexities of the process.

(Section 6), Global Jet Services– Mr. Richard Williams, Training Manager: *Discussion on:* The benefits of making safety an integral part of day to day operations. The discussion topics will be drawn from the fields of Safety Management Systems, Human Factors, OSHA, and general industry best practices. The primary focus will be on how simple, cost effective, practices and policies can have a positive effect on safety. Safety saves lives, saves assets, saves time, and saves money. Safety improves efficiency, efficiency improved profitability, and profitability improves sustainability.

(Section 7), Aviation Designee Association - Ms. Susan Fournier, Managing Director: *Regulatory/technical discussion:* which will focus on her findings during aircraft exports and recurrent certifications.

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