RELIABILITY ANALYST

Posting ID: EM17512515

Company Website: https://www.allegiantair.com/

Company: Allegiant Air

Work Location: Las Vegas, NV

Position Type: Full-Time

Salary:

College Major(s): Mechanical Engineering (ME), Electrical/Computer Engineering (EE/CpE)

College Level(s): Graduate Student, PhD. Student

OVERVIEW

The Reliability Analyst is responsible for monitoring the performance and effectiveness of Allegiant Air’s aircraft maintenance program; through data collection, analysis and reporting on aircraft systems and components.

Roles and Responsibilities

- Maintain a Trend and Alert Reporting database and filing system. This involves review of Pilot Reports and mechanical interruptions on a regular basis for trends and review of aircraft systems and components on a monthly basis for performance standard excellence.
- Review of vendor tear down reports for overhaul and repair findings and maintaining a tear down database and filing system.
- Collect Mechanical Interruption Reports and enter into a database on a regular basis. Produce and distribute the Mechanical Interruption Summary Report.
- Analyze Pilot Reports and Mechanical Interruptions on a routine basis and deduce negative trends by analyzing data. Identify possible solutions to fix recurrent issues.
- Assist engineering and other departments in coming up with solutions to negative reliability trends by analyzing service bulletins, service information letters and other manufacturer’s documents.
- Maintain a Mechanical Reliability Report database, report filing system and FAA reporting.
- Maintain a Service Difficulty Report database and filing system and accomplish FAA reporting.
- Compile and distribute the monthly Maintenance Reliability Report.
  Analyze maintenance and inspection intervals and make recommendations for interval adjustments. This includes:
  - Evaluation of aircraft systems and components to determine if inspection intervals need to be adjusted.
  - Evaluation to tear down report findings to determine if maintenance frequency needs to be adjusted.
• C-check evaluation or work orders to identify areas needing improved maintenance or inspection
• Evaluate and report on engine trends using the engine trend monitoring program
• Other duties as assigned by the Manager of Reliability

Education and Qualifications
• Must pass a background check and pre-employment drug screen
• Must have authorization to work in the U.S. as defined in the Immigrations Act of 1986
• Bachelor’s Degree in Engineering, Statistics or Reliability preferred.
• Airframe and Powerplant Certification plus 4 years of experience in an Aircraft Maintenance environment
• 3 years aviation experience required. Experience in an aircraft maintenance, engineering or reliability environment with MD-80, 757 and Airbus fleet types preferred

Preferred Skills
• Ability to lift 70 lbs

How to Apply