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AS-Eastern Region Aviation

Date: 10/7/2024

Subject: ERA24LA369, Follow-up examination Fuel Servo /Engine Fuel Pump

Contact: Rick Farmer, Director Maintenance, American Flyers

Subject: Component Testing & Examination Results: N512AF

Components Evaluated: Engine Fuel Pump & Fuel Servo Unit

Fuel Servo Status: Avstar teardown and examination revealed internal fuel contamination. The laboratory believed this contamination could have resulted in the inability to produce full engine power.

Contamination Source: Evidence indicates the contamination likely resulted from a previous induction system flood-start event. But could not confirm the source of the contamination.

Fuel Pump Status: Bench testing confirmed the fuel pump operates within service limits. No anomalies noted.

Note: The Service Bulletin AFS-SB10 addresses this trend.

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