



Jason Aguilera
Senior Air Safety Investigator
Aviation Safety - Central Region

Date: December 12, 2023

Subject: CEN22LA115

Contact: FAA Inspector Juan Garcia

The fuel servo and flow divider were shipped to AvStar for examination. FAA Inspector Juan Garcia provided oversight for the examination and made the following observations:

- During flow testing, the fuel flow levels were within tolerances ("ok").
- The idle fuel flow was lean with the metering head increased to the maximum limit.
- Contamination was found in the unmetered side of the regulator and in the valve train.
 - The contaminate properties were consistent with Krytox.
 - Krytox is a lubricant commonly used during the assembly process of the fuel servo.
- Additional contamination was found in the flow divider.
 - The contaminate properties were consistent with Krytox.

---END---