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Aviation Safety - Central Region

**Date:** December 12, 2023  
**Subject:** CEN22LA186 Fuel Servo Examination  
**Contact:** Juan Garcia, FAA Inspector

FAA Inspector Juan Garcia provided oversight for an examination of the fuel servo from N4303P. During the examination it was noted that the fuel servo could only provide 22 pounds per hour of fuel flow, which was not according to operating specifications. Removing the servo's hex plug, the self-locking nut (p/n 383493) was found stuck to the top section of the plug. This impeded the constant head idle spring which would not allow fuel to flow through the ball valve.

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