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Subject: WPR26LA173, Memorandum for Record

Contact: [REDACTED] Air Safety Investigator, Textron Aviation

The following is a synopsis of the information provided by [REDACTED] in an email exchange.

[REDACTED] reported that the Pipistrel Alpha Trainer, 1030 AT 912 LSA, wing tanks are relatively thin, and using a graduated stick would be challenging to ascertain the exact level due to the small distance between the graduation lines but would get you a general reference. Most pilots will open the cap and verify the physical fuel level visually, but the only way to know the precise amount is to top off the fuel tanks.

The tubes at the wing roots that are visible from the cockpit in flight are a visualization of the last 5 gallons of fuel. If you see it below the top of the tube, you are within that last amount for that tank. Depending on whether the tube was replaced at the 5-year mark, and the type of fuel used, it may be harder to see the fuel level.