Federal Aviation Administration

Airworthiness Concern Sheet (ACS)

ACS Number:
AIR750-2026-09-S-5700-ACS

Issue Date:	November 24, 2026	**Requested Response Time:**	30 days

Subject: Piper PA-44 Seminole Unexpected Stall Behavior

Purpose and Use of the Airworthiness Concern Sheet:

This Airworthiness Concern Sheet is intended as a means for FAA Aviation Safety Engineers to coordinate airworthiness concerns with the U.S. aviation community. At this time, the FAA has not made a determination on what type of corrective action (if any) should be taken. The resolution of this airworthiness concern could involve Airworthiness Directive (AD) action or a Special Airworthiness Information Bulletin (SAIB), or the FAA could determine that no action is needed at this time. The FAA's final determination will depend in part on the information received in response to this ACS.

The FAA encourages dissemination of this technical information to anyone who has information to share with the FAA as relevant to the issue described in this Airworthiness Concern Sheet.

FAA Point of Contact

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Aircraft or Engine Information

Product Type: Aircraft
Product Subtype: Small Airplane
Make: Piper
Model: PA-44-180/PA-44-180T
Type Certificate Data Sheet (TCDS) Number: A19SO
Supplemental Type Certificate (STC) Number: N/A
Other Relevant Aircraft Information: Applicable to all PA-44 variants, including Seminole and Turbo Seminole.

Joint Aircraft System/Component (JASC) Code: 5700

Description of Airworthiness Concern: The FAA was recently notified of an event involving an unexpected wings level stall characteristic. While conducting a wings level stall maneuver, at the stall, the airplane experienced an unexpected roll of 60 degrees or

more, along with an associated pitch down and yaw. Similar results were observed with flap settings of 0 degrees through 40 degrees. This event occurred with 3 people on board the airplane and may be more likely to occur in this configuration.

Under normal conditions, an airplane should roll no more than 15 degrees during wings level stall onset and recovery.

Request for Information: The FAA is interested in receiving any information on previous known events that may be similar to the above description, including any abnormal stall or directional control (roll, pitch, and yaw) observations encountered.

The FAA is also interested in whether any wing contour or profile abnormalities have been previously observed, including dents and flat spots, or any similar abnormalities observed on a wing control surface, that may have been found around the time of a past event similar to that described above.

When submitting a response please provide the following information, if known:

- Airplane Registration and Serial Number
- Total estimated airplane flight hours at time of event
- Purpose of flight at time of event, e.g. instructional, personal
- Description of unexpected observation(s), noting the degrees of roll, pitch, and yaw
- Airplane configuration at time of event:
    - Weight and CG
    - Occupied seating configuration
    - Flap, gear, and engine settings
- Airspeed and altitude at time of event
- Description of any observed wing or control surface defects found around time of event including profile abnormalities, dents, cracks, etc.

Please provide any additional information you feel would be helpful for us to consider as part of our evaluation.

Attachments:

- ☐ Service Difficulty Report
- ☐ Service Letter or Service Bulletin
- ☐ Special Airworthiness Information Bulletin
- ☐ Other: Click or tap here to enter text.

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Distribution Guide (other organizations may be included as needed)

Every ACS:	Issue Dependent:
FAA Safety Team (FAAST)	Experimental Aircraft Association (EAA)
Aircraft Owners and Pilots Association (AOPA)	Piper Owner Society
Design Approval Holder (DAH)	Piper Flyer Association

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All responses to this collection of information are voluntary. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden to: Information Collection Clearance Officer, Federal Aviation Administration, 10101 Hillwood Parkway, Fort Worth, TX 76177-1524.