

October 13, 2022, ComancheZOOM

Topic: N9456P Accident - Lessons to be Learned – Part B

On April 9, 2018, a Comanche 260 with six occupants crashed on takeoff near Scottsdale AZ Airport (KSDL) with no survivors.

In this Zoom, Dennis Boykin takes a careful look the chain of steps/decisions that lead up to the outcome of this flight, and the lessons we can learn from this review of the NTSB report. We were able to provide WINGS credit for this Zoom.

You can read the NTSB report at [aviation-safety.net/wikibase/209043](https://www.aviation-safety.net/wikibase/209043).

In the previous Zoom, there was a great deal of discussion of the two NTSB identified contributing factors – aircraft overweight and loading with aft center of gravity. Dennis, and others in attendance, felt that, while contributing factors, these were not sufficient to cause the accident. Dennis listed a number of factors and placed them in a risk analysis matrix borrowed from the military. While each item was not critical, when added together could make this an accident just waiting to happen.

The deciding factor was the ATP pilots' lack of familiarity with the accident aircraft, coupled with the student/owner flying left seat. This pilot flew the Comanche from Las Vegas North to Scottsdale to meet the passengers as his first time in this lightly loaded Comanche. He then loaded the five passengers, with their light bags in their laps, and proceeded to try to take off, using over 3000 feet of runway before lifting off. The aircraft never achieved stable flight, turned left, seemingly back toward the airport, and entered an apparent stall/spin path into a golf course.

There are many quality comments in the Chat text. To hear/see the recordings click on a link from the list below.

- <http://meetings.northeastcomanche.org/zoom/2022-10-20/video.mp4>
- <http://meetings.northeastcomanche.org/zoom/2022-10-20/audio.m4a>

To read the Chat text click on this link.

- <http://meetings.northeastcomanche.org/zoom/2022-09-20/chat.txt>

Pete Morse for the ComancheZOOM team