



RECORD OF MEMORANDUM

Samantha Link
Aviation Accident Investigator
Central Region

Date: June 16, 2022
NTSB Accident Number: CEN21LA109

Narrative:

Two videos of this accident were found publicly available on youtube.com. One video was from the front seat passenger and the second from the back seat passenger.

FRONT SEAT PASSENGER VIDEO:

- The video started with the helicopter in a hover for about 36 seconds.
 - The key was visibly in the “off” position.
 - The pilot turned on the communications radio; No other switches or instruments were touched on the instrument panel.
 - A magneto check was not conducted.
 - No physical checklists were visible.
 - There were two screened devices that were unable to be read.
 - One screen did not appear to change during the video.
 - The second screen was unable to be viewed.
 - The pilot did not interact with either device until after impact.
- Forward motion for takeoff started about the 37 second mark.
- After establishing initial climb, the engine shut down about the 1 minute and 25 second mark.
 - The engine did not make any abnormal noises prior to shutting down.
 - The RPM gauge was shadowed and unreadable.
- The pilot immediately conducted a left turning autorotation to a field.
- After the helicopter came to rest, the video showed the pilot swiftly shutting down the helicopter. His fingers touched the key, but the key position did not appear to change. As he touched the master switch, he abruptly paused, turned toward the front passenger, and smiled. He then stated, “it’s alright,” and turned off the master switch.

- After the occupants exited the helicopter, the tail boom was observed fracture separated.
- At the time this report was written the video can be found on youtube.com at:
<https://www.youtube.com/watch?v=uYBf3XPwvaU>.
- A couple screenshots from the video show the ignition key position:



Figure 1 During the Takeoff Sequence



Figure 2: After Impact and Pilot Shutdown.

BACK SEAT PASSENGER VIDEO:

- The video started with the helicopter stationary on the ramp in the vicinity of hangars, a trailer, people and trucks.
- The main rotor blades were observed rotating slowly. After about 11 seconds, the engine sound started, and the blade speed increased.
- The helicopter then lifted off the ground and moved backward before hovering over a nearby taxiway.
- The instrument panel and pilot's actions were unable to be observed during this video.
- At the time this report was written the video can be found on youtube.com at:
<https://www.youtube.com/watch?v=52YukTQf1dE>

END.

Submitted by: Samantha Link