

Stephen Stein
Senior Aviation Accident Investigator
AS-WPR

Date: June 4, 2024

Subject: WPR24LA110 - Mechanic's report from landing gear examination

Contact: Stephen Stinis - Navion Customs, LLC

An examination of the wreckage and landing gear swing was performed on May 31, 2024. Mr. Stinis' exam report is below.

"Meet with Jeremy Knox from the Riverside FSDO who assisted with the oversight to perform a gear swing on a 1969 B60 Duke, N167U. Put aircraft on Jacks. Removed inner gear door that was crushed into the LH gear wheel well. Removed all interior seats and front carpets to gain access to the gearbox. Once on jacks we able to remove the brace that was holding the gear overcenter. Upon inspection of the gear box, noticed the gear box rod broken in 3 different spots and puncturing the gear box skin. Also observed the uplock cable severed down in the wheel well. We disconnected the broken LH landing gear rod and removed it from the gear box. It was tagged and bagged and given to the inspector. We also removed broken cable on both ends, tagged and bagged and given to the inspector to be sent out for lab work. Battery was low, so we charged the battery. Once the LH MLG gear broken pieces have been removed from the gearbox, we were successfully able to perform a gear swing with NLG and RH MLG without any issue using the ships own power. We also operated the emergency manual gear extension without any issue."