



Memorandum for Record

Fabian Salazar
Air Safety Investigator
National Transportation Safety Board
Investigator in Charge

NTSB Accident Number: WPR18LA242
Aircraft Registration & Make/Model: N512TA / Roberts Helicopter Company (Bell) 212
Accident Location: Dardanelle, CA.
Accident Date: August 25, 2018

On March 1, 2021, Bell Engineering Laboratories submitted a report titled “Examination of Main Rotor Components from Model 212 operated by Trans Aero Limited in Dardanelle, California”

The report addressed the examination of the two swashplate drive links. Drive link A, serial number HE-017, and drive link B, serial number RR19-1373, and the outer sleeve of trunnion bearing A.

The report identified the lower lug portion of drive link A fractured because of overload. The lugs are identified as tangs in the NSTB reports. The circular impression on the drive link was consistent with the drive link contacting the outer sleeve of the trunnion bearing assembly, and that it likely occurred after the components stopped rotating. The drive link was consistent with the engineering drawings specified material.

The outer sleeve of trunnion bearing A was examined, and it was determined that one race on the trunnion bearing had noticeable brinelling, which resulted from an axial impact on the inner side, and that it was consistent with impact from the swashplate link.