



Lucas Winn
Aviation Accident Investigator
Aviation safety, Eastern Region

Date: December 18, 2024

Subject: ERA25LA068

Contact: Rick Brown, Orlando FSDO, FAA
Micheal Lawrence, Phoenix East Aviation, Mechanic

The following is regarding the accident involving the right main landing gear failure to extend on the DA-42NG, N508PA, owned by Phoenix East Aviation.

Rick Brown, Aviation Safety Inspector from the Orlando FSDO, FAA, conducted a follow-up investigation of the circumstances surrounding the tire change that resulted in a failure of the right main landing gear to extend. The mechanic, Michael Lawrence of Phoenix East Aviation, who performed the wheel and tire change on the airplane prior to the accident flight sent Mr. Brown an email on 12/18/2024 that said the following:

"Attached are the pages of the AMM relevant to installing a main wheel on the DA-42, and the section for landing gear retraction and extension. A proper gear swing had not been performed following the installation of the RH wheel assembly on the aircraft."