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Aviation Safety, Eastern Region

Date: December 12, 2024

Subject: ERA25LA068, Flying Pilots Statement

Contact: Easton Foley, Flight Instructor, Phoenix East Aviation

The following is Easton Foley, the flying pilots account of the incident involving a Diamond, DA-42NG, N508PA, extracted from a Phoenix East Aviation internal incident report provided to the NTSB by Phoenix East Aviation.

While relocating the aircraft from RYY to DAB the landing gear indicated unsafe while on final for the RNAV 34 into DAB. Once we saw it, we requested low approach only to have tower inspect gear and they confirmed what our lights were indicting which was right gear was still up but the left main and nose locked out. after the low pass we started holding over the racetrack and started trouble shooting. Once all checklist had been complete, we got into contact with MX on 121.95 to further trouble shoot. After about 30 minutes they had us head to the north practice area to maneuver more aggressively to try and get the gear to drop. After about an hour the decision was made for the emergency landing.

We set up for a 5-mile final and I flew the plane front right seat while the left seat pilot handled radios and switches. I flew the landing as normal and once we entered ground effect, we turned off the engine masters, followed up by electrical master. By turning off electrical master this caused the gear to drop so we touched down on left main and nose. Landing was soft but veered right immediately due to right wing being on the ground. We struck a runway light and a taxiway sign before coming to a stop. Both I and the other pilot evacuated with no injuries and walked away.