

7/06/16

Report on N539MT.

Aircraft experienced a nose gear failure. Initial inspection found both steering rod ends broken. Suspicion is that the left steering rod end failed, allowing the nose gear to twist to the right, breaking the right rod end.

The NTSB asked that two other aircraft be inspected for similar problems. Both aircraft steering rod ends were removed and NDI'd, with one steering rod end was bent, and showed signs of cracking in between the treads.

Both mechanics that removed the damaged steering rod stated that they could not tell from a quick visual inspection that the steering rod was bent when it was attached to the aircraft.

Damaged rod end was replaced with new.

Dary Finck

A&P [REDACTED]