



Americas
August 2024

LESSONS LEARNED

THINK SAFETY. THINK SECURITY.
THINK ENVIRONMENT.

Jackknife During Tow

DID YOU KNOW?

Shear pins play a significant role in the prevention of or limiting damage while pushing or towing aircraft!

WHAT HAPPENED

On June 23rd, 2024, while towing an aircraft into a remote stand, an aircraft jackknifed due to the shear pins failing.



HOW IT HAPPENED

The investigation showed the shear pins on the towbar failed somewhere after the last turn of the tow. As the pushback and towbar turned to the right as they approached the destination, the aircraft continued it's forward movement. Subsequently, the towbar bent around the rear of the pushback and the nose gear of the aircraft exceeded the steering limits.



WHAT WE LEARNED

The investigation highlighted the importance of maintaining proper speeds, maintaining situational awareness, and proper communication during tows. Performing inspections on equipment before and after use is not only required, but can reduce the risk of Incidents from occurring. The investigation also identified the need for a more robust shear pin replacement and tracking cadence.



SEE IT. REPORT IT.*

PULSE
Keeping us all safe.

**All Health, Safety, Security and Environment incidents or near misses must be reported as per the WFS Group HSSE Policy*