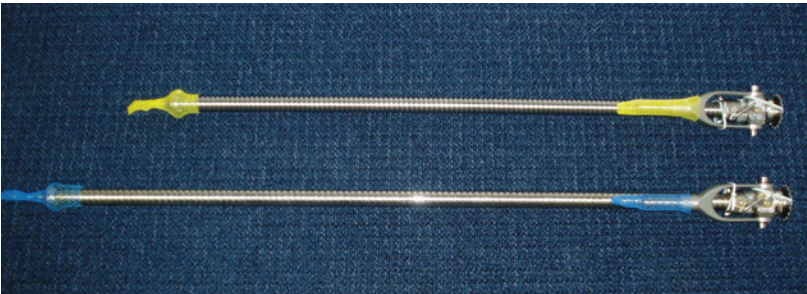


C-130 Flap Drive Jackscrew

THOMSON
Aerospace & Defense



Original equipment C-130 Flap Drive components were designed in the 1950's for operation in aggressive environments.

There was a need for an updated solution that would increase service life and reduce maintenance costs. On May 4, 2011 the USAF approved the Flap Drive Jackscrew as a qualified replacement for Original Equipment.

Critical Issues:

- » As assemblies wear, expanded clearances allow for grit particles to mix with lubricant, increased vibration, loss of grease and potential separation of flap assemblies from the aircraft.
- » Failure modes on original equipment include: Excessive wear of ball nut, re-circulating bearing balls and jackcrew.

Individual replacement or fleet retrofit programs available

We maintain stock of Meggitt Thomson USAF Qualified flap drive jackscrews



(Outboard) P/N: 7902600, NSN: 1680-01-222-2551

(Inboard) P/N: 7902601, NSN: 1680-01-217-5837

Features and Benefits:

- » Qualification units ran > 3x required life simulated cycles w. only .001" lash increase
- » Improved materials & corrosion resistance
- » High wear resistance
- » Enhanced rolling fatigue life
- » Improved seals for better grease retention
- » Dramatically improved service life
- » Drop in replacement for original equipment
- » Reduced cost of ownership
- » Replacements allowed one at a time, mixing with original equipment in any combination



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