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SERVICE BULLETIN

AIRCRAFT EFFECTED:	All models fitted
BULLETIN NUMBER:	SB012
ORIGIONAL ISSUE DATE:	01-12-00
REVISION DATE:	01-11-2026
SUBJECT:	Sheared Axle
APPLICABILITY:	All serial numbers fitted
COMPLIANCE:	Mandatory

Problem: Replacement of standard KFA axles with axles from another source.

The KFA axles are machined from a grade of steel which is designed to bend after a hard landing.

It has happened that an operator bent an axle and decided to make up new ones out of harder steel. The new axle sheared off at the inner bearing face seat, causing substantial damage to the aircraft when the wheel broke off and the undercarriage dug into the runway.

Solution: Remove the wheels and inspect the axles for cracks after any hard landings, pay particular attention to the area of the inner bearing seat.

Source all new axles from KFA. If this is not possible, machine new ones from EN9 steel and turn all radiuses to 0.5mm.