

SERVICE BULLETINNO. 3DATE 23.12.86CFM METAL-FAX LTD CONSIDERSCOMPLIANCE - Mandatory/~~Recommended~~/Optional
(delete which is not applicable)

<u>SUBJECT</u>	AXLE - MAINWHEELS
<u>MODELS AFFECTED</u>	SHADOW SERIES B & B-D
<u>SERIES NOS. AFFECTED</u>	K023, 024, 026, K027, 028, 029, 030, K031, K032, 033, K034, 035, 036, K037, K038, K039, 040, K041, K043, K044.
<u>COMPLIANCE TIME</u>	MANDATORY
<u>PURPOSE</u>	TO INSTRUCT OWNERS TO EFFECT A SIMPLE ETCHING TEST ON BOTH MAINWHEEL AXLES - WE HAVE EVIDENCE OF A FAILURE WHERE AN AXLE HAS CRACKED AT THE INNER END. FAULT IS POSSIBLE INCORRECT HEAT TREATMENT.
<u>INSTRUCTIONS</u>	SEE ATTACHED FOR DETAIL OF FIELD TEST INDICATOR
<u>MATERIAL REQUIRED</u>	SEE INSTRUCTIONS
<u>AVAILABILITY OF PARTS</u>	WILL BE EXCHANGED - THERE WILL BE SOME DELAY
<u>EFFECTIVITY DATE</u>	23 December, 1986
<u>SUMMARY</u>	EFFECT CHECK AS DIRECTED. IF SUSPECT RETURN COMPLETE UNDERCARRIAGE MINUS WHEELS AND BRAKE ASSEMBLY.
<u>NOTES</u>	PLEASE PHONE US WITH YOUR RESULTS. REFER TO SERVICE MANUAL FOR REMOVING THE UNDERCARRIAGE. COMPLETE COMPONENT WILL BE REPLACED FOC - excl. FREIGHT CHARGES IF A KIT VERSION (prefix 'K') - return axle assemblies LH & RH if not already glued up.

BULLETIN NO. 3

(GENERAL INSTRUCTIONS)

FIELD TEST. REMOVE MAINWHEELS. LIGHTLY REMOVE A 3/16" STRIP OF PLATING OVER ENTIRE AXLE LENGTH WITH 600 GRADE WET/DRY PAPER. REQUEST CHEMIST TO MAKE UP 100cc SOLUTION OF CONC. NITRIC ACID IN METHANOL - 5 PARTS ACID 95 PARTS METHANOL. TAKE SAFETY PRECAUTIONS. WITH COTTON WOOL LIGHTLY AND EVENLY WIPE ON OVER UNPLATED STRIP. IF SURFACE AREA OF STRIP APPEARS A DULL GREY ALL OVER THEN ITEM IS SERVICEABLE. IF SHINY - PROBABLY TOWARDS THE WELD - THEN ITEM IS SUSPECT - SEE FIG. 1. IF SO REMOVE COMPLETE UNDERCARRIAGE ASSEMBLY (SEE SERVICE MANUAL) AND RETURN TO CFM. IF NOT, GREASE UNPLATED AREA FOR PROTECTION.

FIG 1A

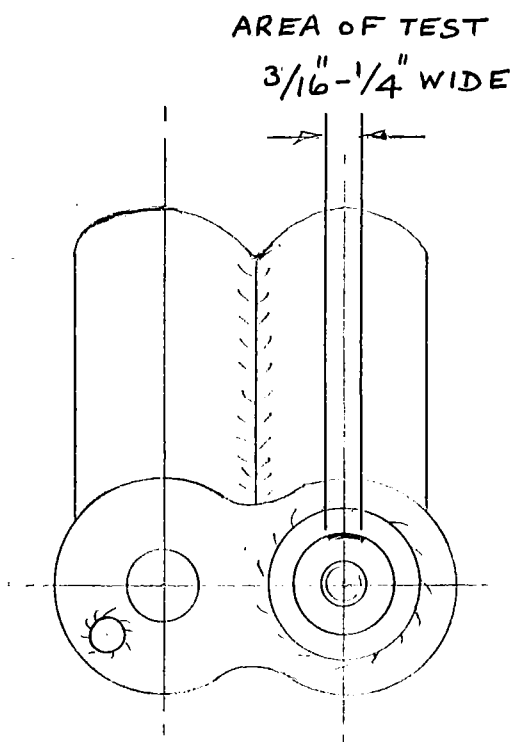


FIG 1B

