DATE: April 4, 2005

SUBJECT: Wing Lift Cylinder Pin Replacement Kit – 660057

RATING: 
- DIRECTIVE (Action is required)
- ALERT (Potential Problem)
- INFORMATION (Action is optional)
- PRODUCT IMPROVEMENT (Enhance Product)

MACHINE MODEL(S): Model M Ballast Regulator

SERIAL NUMBER(S): All

SUMMARY: There have been reports of Wing Lift Cylinder Pins breaking during use. The break normally occurs in the area of the pin grease hole. To solve this problem, a new pin has been designed without a grease hole. A grease fitting is added to the Rod-end Clevis of the Wing Lift Cylinder (p/n7500-116) to lubricate the pin.

OPERATIONAL IMPACT: Replacing this pin will prevent downtime caused by failure of the original pin.

ACTION: The Wing Lift Cylinder Rod End Pin (B-4705-2) should be replaced with the new Pin (p/n 700002). See Figure 1. The new pin is direct replacement for the original pin. However, the cylinder must be drilled to accept a Grease Fitting (p/n 3801230). See Figure 2. The Pin Field Replacement Kit (p/n 660057) includes a Pin, Grease Fitting and clevis drilling instructions. Two kits are required per machine. The kit may be installed in about an hour.

WARRANTY: None
Figure 1

Figure 2

NOTE
1. REMOVE SPHERICAL BEARING FROM INSIDE THE LUG
2. DRILL #3 (0.213) THRU THE WALL OF THE LUG, AS SHOWN
3. TAP 1/4-28 UNF
4. INSTALL THE EXISTING SPHERICAL BEARING, AND THE GREASE FITTING SUPPLIED WITH THE KIT