DATE: November 9, 2005

SUBJECT: Wing Lift Cylinder Pin Replacement Kit – 660123

RATING: ☒ DIRECTIVE
         (Action is required)

         ☒ ALERT
         (Potential Problem)

         ☐ INFORMATION
         (Action is optional)

         ☐ PRODUCT IMPROVEMENT
         (Enhance Product)

MACHINE MODEL(S): Model M2-14 Ballast Regulator/Snow Fighter
                   Model G2 Ballast Regulator

SERIAL NUMBER(S): Model M2-14: 800201-800226
                   Model G2: 810172, 810174-810192 plus any machines which were
                   field modified with Heavy-Duty Wings

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, new pins have been designed without a grease hole.
          Grease fittings are added to both the rod-end and cap-end clevises of
          the Wing Lift Cylinder (p/n 7500-116) to lubricate the pins.

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

ACTION: The Wing Lift Cylinder Rod End Pin (p/n 700118) should be replaced
         with the new **Pin (p/n 700183)** and the Cap End Pin (p/n 700118) should be
         replaced with the new **Pin (p/n 700182)**. The new pin is direct replacement for the
         original pin. The new pins do not have grease holes. See Figure 1. However, the cylinder
         must be drilled to accept **Grease Fittings (p/n 380123)**. See Figure 2. The **Pin Field
         Replacement Kit (p/n 660123)** includes both Pins, Grease Fittings and clevis drilling
         instructions. Two kits are required per machine. The kit can be installed in about an hour.

WARRANTY: None
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Pin 700182 or 700183
No Grease Hole

Figure 1

Figure 2