

Sept. 17, 1969

ITEM: DEFLECTOR BUTTON DOES NOT DEFLECT SHELLS

Cause: Unknown. Probably wear.

Corrective Action: None planned.

ITEM: BARREL ALIGNMENT STUD COMES OUT

Cause: Unknown. Probably interference or inadequate weld.

Corrective Action: Recent improvements in the welding operation should reduce the complaint.

ITEM: ACTION BAR BREAKAGE

Cause: Unknown. Probably excessive loading by latches.

Corrective Action: Improve latch adjustment procedures to reduce loading of action bars.

ITEM: FIRING PIN BREAKAGE

Cause: Fatigue.

Corrective Action: Design is testing materials with improved fatigue life. Production is developing a cold forming process which should improve fatigue life.

ITEM: PLUNGERS AND BUFFERS COME OUT

Cause: The current press-in retainer is superior to the older star washer used to retain the plunger but the failure rate is still too high.

Corrective Action: Design is testing a new retaining system which should eliminate this problem.

83