

Sept. 17, 1969

ITEM: BURR IN RECEIVER

Cause: The interceptor latch strikes the inside of the receiver and upsets the receiver enough to cause a failure of the shell to feed from the magazine tube.

Corrective Action: The interceptor latch assembly adjustment procedure will be modified to include clearance at the receiver to eliminate the chance to upset the receiver.

ITEM: ACTION SPRING FOLLOWER BINDS

Cause: The aluminum used in the action spring follower galls and deforms easily.

Corrective Action: Design is testing a steel action spring follower with equivalent inertial properties which should solve the problem. Process improvements will be initiated to provide improved clearances and cleanliness.

ITEM: DOESN'T BLOW BACK

Cause: Unknown. Probably a combination of variations in gun components and ammunition.

Corrective Action: Recent changes in piston seal dimensions have yielded a marked improvement in gallery performance. This should soon be reflected in improved field performance.

83