

Program  
IV. 2.

study was taken. There are two things worth noting here: (1) This operation is currently being gaged 100% by Production, and (2) we are not implying that this particular operation is causing us any particular problem; but only that we should carefully review this and similar operations.

Program

3. Interviews with Gallery Tester, 7400 Assemblers, Engineers, etc.

Again, this is an information gathering technique. We are trying to gather together in one document the collective knowledge and experience of those who have been working on this project since its beginning in production. By analyzing the responses we may be able to piece together bits of information that separately mean little, but when added together could give us a better insight into the nature of the problem areas. 83

The interviews are approx. 70% complete at this time. We are finding several of the responses indicate that there may be a problem related to the action bar assembly, especially as it relates to the assembly to the carrier, and to the gun itself. These are all areas that will have to be examined more closely by the task force.

Program

4. Complete Examination of all Ammo Types being Used in Gallery to Test the M7400 and M-Four

For this program we randomly selected lots of 100 rounds from each code of 30-06 ammunition being used by the gallery to test the new models.

We used an adjustable heading plug master gage to check the heading dim. of the ammo lots, with the set-up as you see in Exhibit 9G.

Exhibit 9H shows the SAAMI specs for the 30-06 cartridges and chambers. Note that there is the potential for a .004" interference fit between the cartridge and the chamber.

Exhibit 9K shows the distribution of Remington ammo (darker area) and a lot of Federal (lighter area) that we have measured. We have found the Remington ammo to be centered consistently around the min.+4 to min.+5 range, with about 50% of the cartridges above this level. Both Winchester