

Report# 920431

10

Work Order# 481167

MODEL 700 STAINLESS STEEL, DESIGN ACCEPTANCE

S.A.A.M.I. DROP:

One rifle of each caliber was dropped in accordance to S.A.A.M.I. specifications.

The rifles should not and did not fire during any of the drops.

All drops are onto a one inch 85+/-5 Durometer rubber mat backed by concrete.

With the safe in the off position, the rifle is dropped twelve inches from the lowest point of the gun. This drop is done with the rifle in six attitudes:

- 1) Barrel vertical with muzzle up (12 inches from butt plate to mat)
- 2) Barrel vertical with muzzle down (12 in. from muzzle to mat)
- 3) Barrel horizontal with bottom down (12 in. from toe to mat)
- 4) Barrel horizontal with bottom up (12 in. from top to mat)
- 5) Barrel horizontal with left side up (12 in./ right side to mat)
- 6) Barrel horizontal with right side up (12 in./ left side to mat)

The four foot drops are done with the safe in the on position. The same six attitudes are used with the four foot measurement being made from the mat to the center of gravity of the rifle.

In addition a "rotation test" was done on each gun. In this test the butt of the rifle is placed on the mat, with the muzzle pointed up. With the safe in the off position, the gun is allowed to fall on it's right side and then on it's left side.