5. The casing ejection system according to claim 4, wherein the piston subassembly and the ejection chute are located on opposite sides of the bolt carrier.

6. The casing ejection system according to any one of claims 1-5, further comprising a torsion spring disposed around the actuator rod to rotationally return the L-shaped deflector to the home position from an actuated position.

7. The casing ejection system according to claim 6, further comprising a dog clutch limiter to rotationally define the home and actuated positions of the L-shaped deflector.

8. The casing ejection system according to any one of claims 1-7, wherein a radial swing R of the L-shaped deflector is relative to a distance of the actuator rod longitudinal axis from the bolt longitudinal axis.

9. The casing ejection system according to any one of claims 1-8, wherein a contact face of the L-shaped deflector is profiled so that a contact force with the casing directs the casing into the ejection chute.

10. The casing ejection system according to claim 7, wherein the torsion spring ensures two components of the dog clutch limiter are always in contact with each other.

11. The casing ejection system according to any one of claims 1-10, further comprises a tension spring disposed adjacent and substantially parallel to the longitudinal opening of the ejection chute such that the contact force on a casing is operable to deflect the tension spring as the casing is deflected into the ejection chute, and the tension spring then retains the casing inside the ejection chute.

12. The casing ejection system according to any one of claims 1-11, wherein the bolt comprises a latch cam pin pivotedly connected thereto and a compression spring biases a proximal end of the latch cam pin so that a distal jaw end of the latch cam pin obstructs a central bore inside the bolt and prevents accidental assembling of a firing pin inside the central bore.

13. A firearm configured with a casing ejection system as defined by claims 1-11.