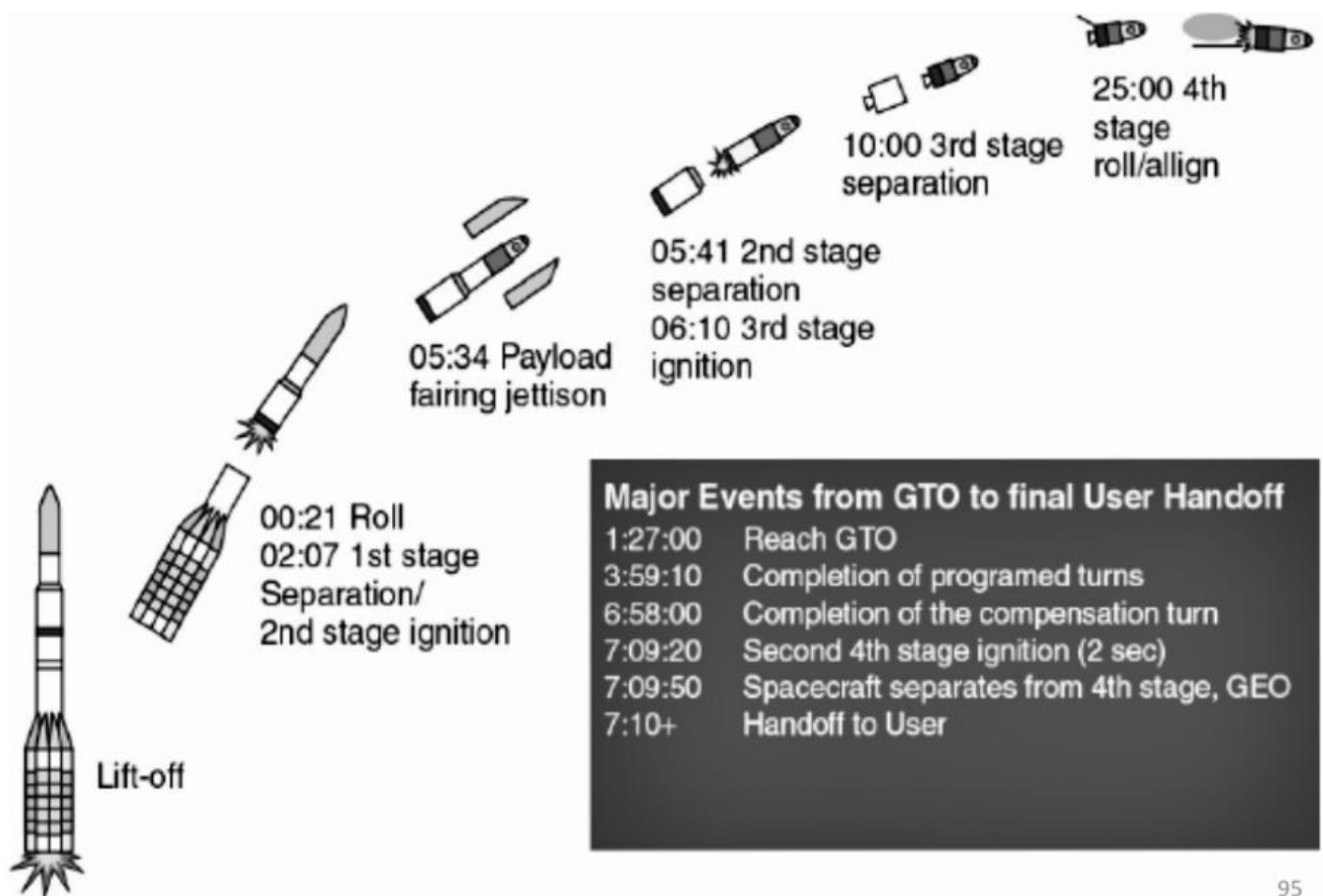


Figure 2.15

Schematic of a Proton launch (after reference 5).



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- Some of the launch vehicles deliver the spacecraft directly to geostationary orbit (called a direct-insertion launch) while others inject the spacecraft into a **Geostationary Transfer Orbit (GTO)**.
- Spacecraft launched into **GTO** must carry additional rocket motors and/or propellant to enable the vehicle to reach the geostationary orbit.