Boeing is producing the guided tail kit for the U.S. B61-12 gravity bomb. In 2021, the first production unit was produced after 9 years of research and development. Full production of the new bombs is expected to begin in 2022 and continue through 2026.

Boeing is also involved in the production of Minuteman III ICBMs for the United States, the Trident II (D5) missiles for both the United States and United Kingdom, the Long Range Standoff weapon, and air launched cruise missiles.

Boeing has a 9 year, $754 million contract awarded in 2015 for the Minuteman III system. The company has two outstanding contracts related to work on the Trident systems for the US and UK. The 3 year contract awarded in 2018 has a total value of $68 million, and the 2 year contract awarded in 2020 is valued at $58 million.

Boeing is also still remanufacturing the air launched cruise missile warhead arming device, under an 8 year $43 million contract, set to expire in 2022. There is also still an outstanding 4 year $154 million contract for work on the B61-12 bomb. For the Long Range Standoff weapon, Boeing is currently halfway through a 4 year $59 million contract.