

ELECTRONIC FUZES NEF-100/TEF-200



NEF-100



TEF-200

Fuzes play the most important role in optimizing the performance of aerial bombs, CSD in cooperation with OVO TECHNOLOGIES is one of the few companies in the world that has absolute mastery over the development and manufacturing of electronic fuzes.

OVO TECHNOLOGIES has successfully invented and patented the NEF100 and TEF200 fuzes by applying to mechanical and electronic engineering, the experiences and knowledge acquired during the last fifteen years of use of these fuzes in armed conflicts. (with 32,500 units tested and certified). The partnership between CSD and OVO TECHNOLOGIES is able to produce the fuzes in Brazil and reach the biggest clients in the world.

Provides instant fire on impact, ensuring true surface detonation.

High performance electronic fuze replacement.
(for M-904/M-905 Fuze or equivalent mechanical fuzes)

Optimize the performance of air explosive bombs.

COL NC2017/0008406 - PCT/IB2018/056107 WO2019/034995 - US. PATENT

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Pending: UAE



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These fuzes are characterized by being reliable and safe, in percentages that are around 100% probability of success, they use few mobile parts, easy assembly with the fire train and booster, final assembly and secure fixing to the body of the bombs by a locknut system.

They are exact when counting the programming time (2-3-6-9-12 seconds). The parts are manufactured with anodized 6061 T6 aluminum.

Their control part contains surface electronic components resistant to vibration, that work with energy accumulated in lithium batteries with approximately duration of 10 years in standby. The fuzes NEF-100 and TEF-200, do not contain internal explosives which makes them safe for transport they have a luminous arming alert system through an inspection window with one red LED that indicates its activation.

(Tested MIL-STD.331-B)