



# Laser weapon



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# Overview

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# History

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- The first laser was developed in the 1960s.
- In the late 1970s and 1980s, it was a busy time period for developing lasers into possible weapon systems.
- As of 2023, directed-energy weapons, including lasers, remain at the experimental stage.
- Most laser guns are not used and made anymore due to cost.
- Raytheon founded the laser weapon industry



# Plan and Implementation

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- Militaristic applications
- Cutting and welding
- Laser tag



# Upsides/Pros

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- They would help in the military
- They are more precise
- Unlimited ammo
- They would be safer than traditional guns



# Upsides/Pros

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- Instant impact as they travel at speed of light
- Increased range
- More cost efficient
- Laser beams can be invisible

# Downsides/Cons

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- They would use a lot of power to operate
- Lasers shot by laser guns can be deflected
- Lasers can be affected by atmospheric conditions, such as fog, smoke, or dust.



# Downsides/Cons

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- Hard to develop & Deploy
- Weight and size barriers
- Specialized job





# Summary

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- We are neither approve or disapprove of the laser gun and it making advancements in today's world. It would help protect our country in war by being more precise and shooting down missiles.

# References

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Science & Tech Spotlight

The Promise and Problems of Laser Weapons

High-Energy Laser Weapons