



Civilian flywheel energy storage electromagnetic catapult

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OverviewHistoryOperational systemsSystems under developmentShips with electromagnetic catapultExternal linksAn electromagnetic catapult is a type of aircraft catapult that uses a linear induction motor system rather than the single-acting pneumatic cylinder (piston) system in conventional steam catapults. The system is used on aircraft carriers to launch fixed-wing carrier-based aircraft, employing the principles of electromagnetism and Lorentz force to accelerate and assist their takeoff from th...

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The eddy current clutch means the flywheel and winding wheel are not in physical contact. The system, deployed on China's ...

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