

Light Combat Helicopter

October 3, 2022 • vajiramandravi.com



About:

- The indigenous Light Combat Helicopter (LCH) is set to be formally inducted into the Indian Air Force (IAF) at the Jodhpur air base.
- It is the only attack helicopter in the world which can land and take off at an altitude of 5,000 meters with a considerable load of weapons and fuel, meeting the specific requirements laid out by the Indian Armed Forces.
- It has the maximum take-off weight of 5.8 tonnes, maximum speed of 268 kilometers per hour, range of 550 kilometers, endurance of over three hours and service ceiling — the maximum density altitude to which it can fly — of 6.5 kilometres.
- The helicopter uses radar-absorbing material to lower radar signature and has a significantly crash-proof structure and landing gear.
- A pressurised cabin offers protection from nuclear, biological and chemical (NBC) contingencies.
- The helicopter is equipped with a countermeasure dispensing system that protects it from enemy radars or infrared seekers of the enemy missiles.
- As far as weapons systems are concerned, a 20 mm turret gun, 70 mm rockets and air-to-air missile systems are onboard.

- LCH is powered by two French-origin Shakti engines manufactured by the HAL.

Source : Indian Express

Source: <https://vajiramandravi.com/current-affairs/light-combat-helicopter/>

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