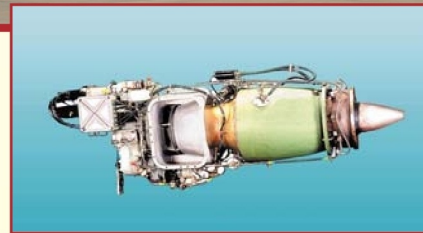


CHETAK

The Chetak helicopter is a two-ton class helicopter operated by several military and civil operators all over the world. Chetak is manufactured by Helicopter Division of the Hindustan Aeronautics Limited (HAL). It is a versatile multi-role, multi-purpose helicopter that is spacious. This elegantly designed seven seater (two pilots and five passengers) is also cleared for single pilot flying and thus can carry 6 passengers. The helicopter can be utilized for the following roles: -

- Communication Duties (Passenger Transport)
- Cargo / Material Transport
- Casualty Evacuation (CASEVAC)
- Search & Rescue (SAR)
- Aerial Survey & Patrolling
- Emergency Medical Service (EMS)
- Electronic News Gathering
- Anti - Hijacking
- Off- Shore Operations
- Under slung Operations



Artouste III B Engine

The Chetak helicopter is powered by a single Turbomeca Artouste III B turbo shaft engine manufactured by Engine Division of HAL. The engine is provided with a governor, a starter - generator, a tachometer generator and with fuel & oil pumps. The engine produces a maximum power of 563 SHP. The governor maintains a constant engine rpm of 33,500.

Basic Data : Chetak Helicopter	
Empty Weight (Kgs)	1200
Maximum Take Off Weight (MTOW) (Kgs)	2200
Overall Length	12.82
Overall Height (Mtrs)	2.97
Overall Width (Mtrs)	2.59
Main Rotor Diameter (Mtrs)	11.02
Maximum Fuel Capacity (Ltrs)	575

Performance : Chetak Helicopter	
Cruising Speed (Kmph)	185
Velocity Not to Exceed (Vne) (Kmph)	210
Max Operating Altitude (Mtrs)	6500
Maximum Altitude for Engine Starting (Mtrs)	5800
Range (Kms) (With Max. Take Off Weight & at Sea Level)	500
Endurance (Hrs) (Full Fuel & No Reserve)	3.00
Best Endurance Speed (Kmph)	80 - 90
Specific Fuel Consumption (kg/kw hr)	0.47

FOR FURTHER INFORMATION PLEASE CONTACT

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