

Geological surveys

Eurocopter AS 350 B3 Helicopter – The perfect platform

Indian government has allocated budget to carry out mapping of India's mineral resources and a large distance, many line kilometers are expected to be flown annually with AS 350 B3 helicopters performing geological surveys.

Atomic Mineral Department - AMD

AMD is the managing and controlling body allocated with the responsibility for the geological surveys.

AMD, shortly becoming an operator themselves is also hiring services from foreign survey companies in order to be able to meet the budgetary demands. Currently one AS 350 B3 helicopter is chartered through Geotech, a Canadian survey company. Geotech, operating all over the globe utilizes 24 helicopters totaling a stunning 20 000 flight hours annually with the AS 350 B3 being the confirmed helicopter type.

Outstanding results with the AS 350 B3 Squirrel helicopter during the season of 2008 produced 250 flight hours in 6 weeks, flying 7 – 10 hours on daily basis. At that time, Geotech project manager said: "The reliability of this Eurocopter AS 350 B3 aircraft was outstanding with no breakdowns or downtime during these operations with the assistance of one pilot and highly trained engineers on site from Vectra Aviation who supported the mission till the end of the survey. Since, another AS 350 B3 helicopter is again in operation and additional AS 350B3's are expected shortly.

Eurocopter AS 350 B3

The Eurocopter AS 350 B3 is well recognized as being the top of the range helicopter, with proven performance in hot and high environmental conditions. This helicopter is powered by one Turbomeca Arriel 2B1 engine with 847 SHP and equipped with Dual

Channel FADEC (Full Authority Digital Engine Control) system. It is perfectly suited for mountainous and high temperature operations.

Eurocopter AS 350B3



The pilot benefits from the VEMD (Vehicle and Engine Malfunction Display) on the instrument panel. A new generation of integrated instrumentation allows him to see at a glance the main helicopter and engine parameters on a dual LCD screen.

Thanks to these technological innovations, the AS 350 B3 offers the operators the highest performance in its category, with enhanced safety and reduced workload.

With an under slung load capability of 1400 kg's (3086 lb) and a high rate of climb, this helicopter is an ideal tool to transport heavy loads and to carry out survey and other operations in deserts as well as in the mountains. The maximum cruise speed is 140 kts. The Squirrel AS 350 B3 with its high cruise speed and high hook capacity is a very sought-after helicopter for passenger transportation or utility operations. This helicopter holds a unique and unparalleled world record, being the only helicopter so far to have landed on top of Mount Everest.

Eurocopter is the world's leading helicopter manufacturer.

Indicopters Pvt. Ltd.

Indicopters is the distributor of Eurocopter helicopters for civil market in India, an approved Maintenance Repair and Overhaul (MRO) centre for Eurocopter helicopters and also the distributor of all services such as spares supply, tools and special equipment as well as technical and operational support of these helicopters.