



A worldwide mission-preparation leader's know-how

With twenty years' experience in aircraft mission planning, Sagem has designed and developed a complete mission planning and rehearsal system, tailored to the specifics of helicopters. This system can interface with all onboard systems on all types of helicopters.

HELIPSYS is combat proven in operations.

Our expertise allows us to design and supply the operational structure and all material means (generators, shelters, air conditioning/heating, etc) necessary to operate the HELIPSYS system under all circumstances and environments, while respecting air-transport constraints.



Mission planning for military and homeland security helicopters

Solutions can be tailored for security forces crews, fire-fighters, customs and police forces, as well as coast guards and patrols.

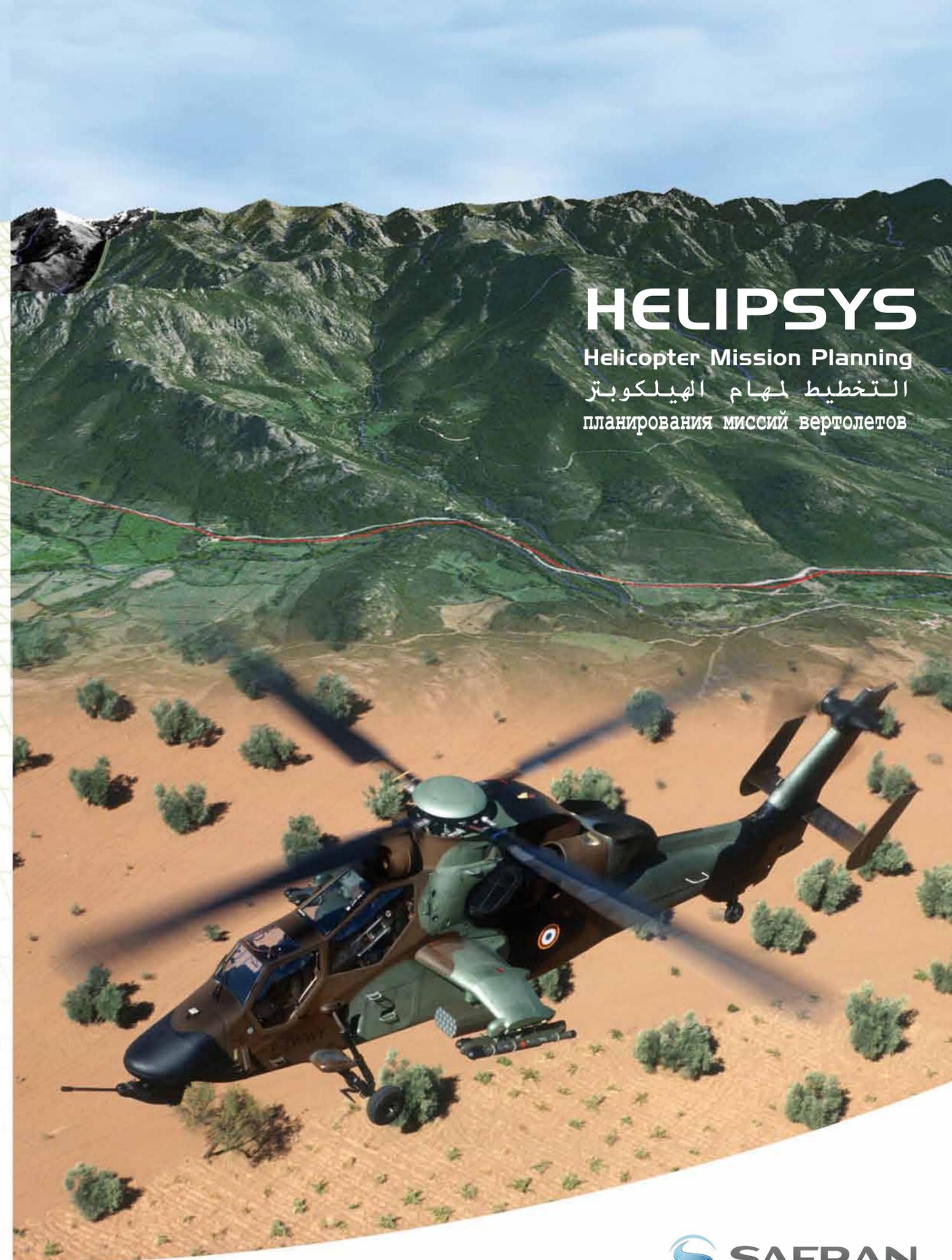


In service within the French Air Force, Helipsys is part of the flight training in Military Aviation School

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Le Ponant de Paris - 27, rue Leblanc - F-75512 PARIS CEDEX 15 - FRANCE
Phone: + 33 1 58 11 69 97 - Fax: + 33 1 58 11 70 90 - www.sagem-ds.com



HELIPSYS

Helicopter Mission Planning

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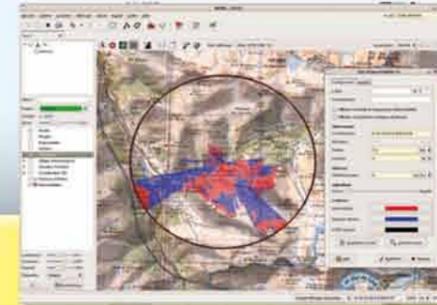
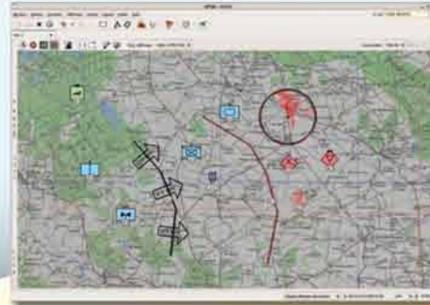
планирования миссий вертолетов

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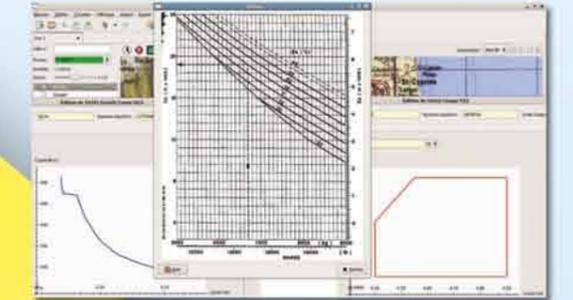
HELIPSYS - Helicopter Mission Planning

Import and management of tactical situation received from C4I systems: APP6 NATO standard display



2D and 3D tools for target seeking and enemy avoidance

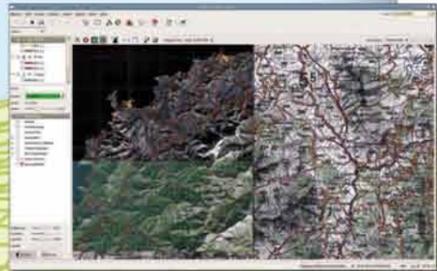
Dynamic computation of weight and balance, performance and flight autonomy based on stores and weapons configuration



Advanced interactive 3D tools: ephemeris, hypsometry, night vision...



State of the art multi-layer Geographic Information System: all raster map formats Vmap, DTED, satellite images...

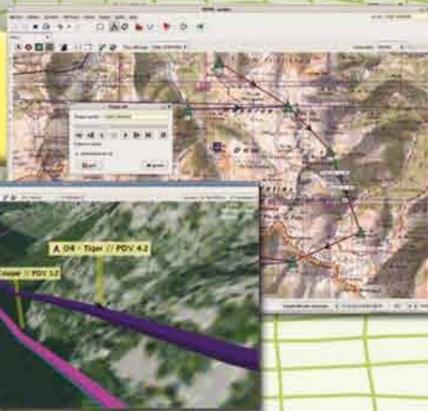


-  Squadron network capability for cooperative mission planning
-  Simultaneous mission planning for different types of helicopters
-  Crews working simultaneously on the same mission
-  Combat proven

Definition of routes and flight plans: computation of timing, autonomy and safety parameters



Bi-directional interface with Puma, Cougar, Gazelle and Tiger. Combat proven on theatre with the French Army



Synchronous 2D and 3D flight rehearsal of the mission on all workstations for pre-flight and post-flight briefing

Stand alone/networked capability



Interface to the standard exchange GPS format (GPX)