

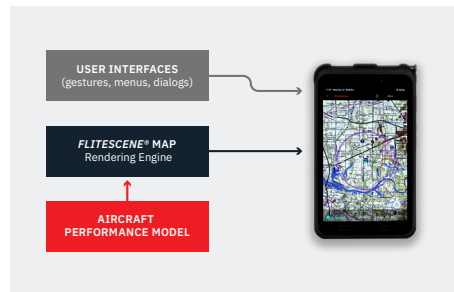
FLITESCENE[®] MISSION PLANNER

Powered by FliteScene[®]

L3Harris' FliteScene[®] Mission Planner (FMP) delivers advanced airborne mission planning capabilities. This robust tool harnesses the real-time situational awareness provided by the FliteScene digital map, ensuring comprehensive mission planning for both military and civilian flight crews. Designed for versatility, it functions seamlessly in mobile or fixed-base environments and integrates with aircraft-specific flight performance models and data transfer systems. The latest deployed version operates on an Android tablet secured with the Knox security wrapper, and it can also serve effectively as a standalone tool for mission planning or in-flight replanning.

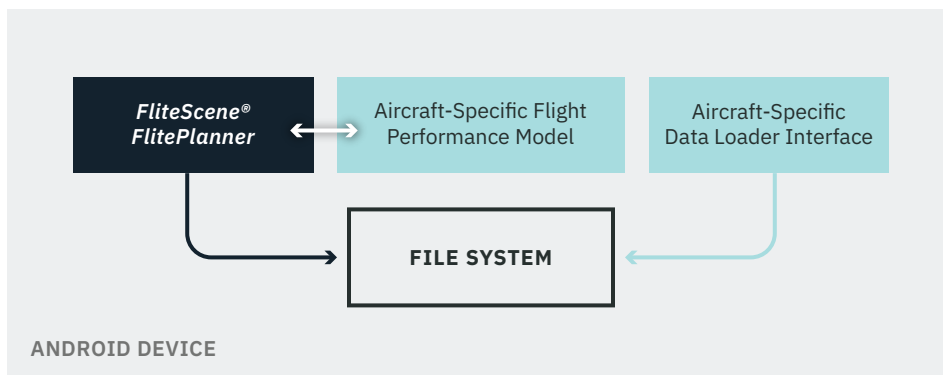
FULL-FEATURED MISSION PLANNING

This tool supports traditional pre-flight mission planning, in-flight tactical replanning and post-flight debriefing. FliteScene Mission Planner provides open interfaces to third-party aircraft performance models and platform-specific data loader media for seamless integration of platform-specific features.

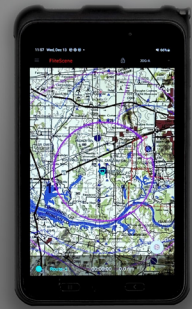


FMP is powered by the battle-proven FliteScene software digital map. FliteScene provides very high-resolution processing and image rendering as well as a wide range of terrain and operational predictive capabilities.

FMP is designed for the changing needs of today's military and civilian agencies. It supports rotary-and fixed-wing aircraft as well as unmanned vehicle operations and is configurable to allow integration in even the most resource-limited systems.



FliteScene Mission Planner provides a complete, end-to-end mission planning solution.



FEATURES

- > Supports full spectrum of airborne mission planning functions
- > Supports mission planning overlays in native formats
- > Android KNOX with Windows OS option available
- > Open standard interfaces for Aircraft Performance Models
- > Supports desktop and mobile environments
- > High performance 2D and 3D rendering
- > Perpetual licensing with no recurring or subscription fees
- > Exportable via U.S. Department of Commerce Export Administration Regulations
- > Maintenance and engineering support options available

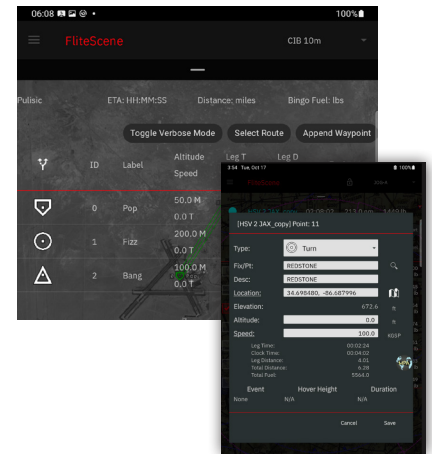
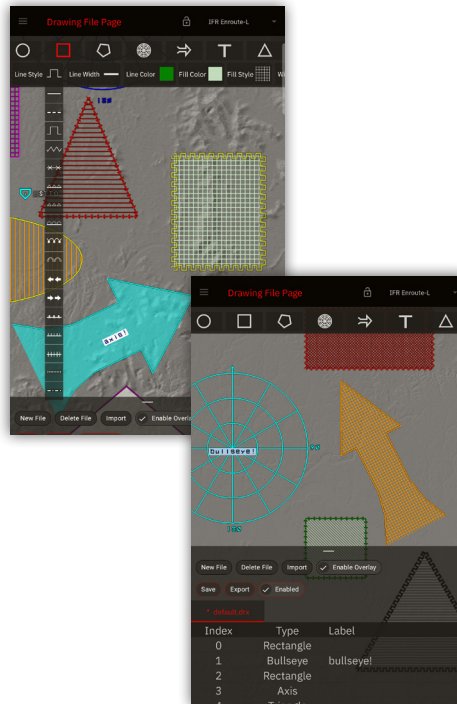
FliteScene Mission Planner is a complete route planning application. It interfaces with any onboard OpenGL-based mapping engine in addition to the FliteScene software map. The planner provides both terrain and mapping views of multiple flight plans, calculates and displays vehicle performance data (time, distance, fuel, etc.) relative to the flight plan. It imports and exports Common Route Definition for interoperability with other users and mission planning tools (AMPS/JMPS, FalconView, ForeFlight). A robust user interface, developed with user support, provides intuitive planning and display. User-accessed lookup tables provide rapid ‘what-if’ planning, facilitate the creation of multiple routes and recall the previous plans.

FEATURE HIGHLIGHTS

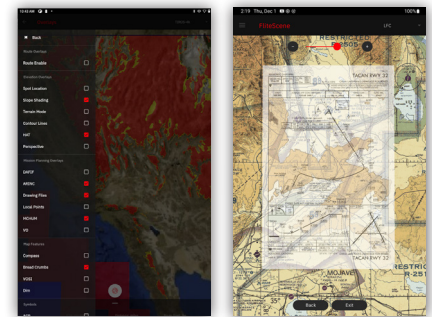
- > Route creation and editing
- > Point creation and editing
- > Digital Aeronautical Flight Information (DAFIF) and local point look up
- > Approach plate look up
- > Chart and imagery
- > Digital Terrain Elevation Data and elevation overlays
 - Map overlays: height above terrain, terrain
 - Route overlays
- > DAFIF support for setting route points to airports, waypoints and nav aids
- > Mission plan overlays
 - Drawing files
 - Local
 - Threats
 - Tactical graphics
 - Vertical obstructions
- > Both map and table view of routes
- > Draw file editor
- > Geo-registered approach plates overlaid on map
- > Map data in standard formats, no proprietary preprocessing or conversion required

MULTIPLE APPLICATIONS

- > Military aircraft – fixed and rotary wing
- > Portable for in-flight replanning
- > Unmanned vehicle mission planning, control and execution



DAFIF, local points and past route look up



Geo-registered approach plates on 3D display

FliteScene® Mission Planner

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