

FLIGHT PLANNING SERVICE



SkyFlight
MOBILE SERVICE

AW TEAM UP
EXCELLING TOGETHER



ENHANCED PRE-FLIGHT PLANNING

INTRODUCTION

Leonardo Helicopters is making significant changes to the provision of its Customer Support and Training services. Leonardo Helicopters has launched a companywide “TeamUp” initiative spanning the entire breadth of the Support and Training delivery performance.



Our Advanced Services have been designed and developed to enhance the Customer experience, leveraging Leonardo Helicopters knowledge to deliver the best services and solutions in its class.

The Advanced Services demonstrate how Leonardo Helicopters is continually reviewing our services and technologies in order to maximise their value.

SUPPORT TO FLIGHT OPERATIONS WITH SKYFLIGHT MOBILE SERVICE

Skyflight is the gateway to enhancing your Leonardo Helicopters flying experience. It has been designed to support Customers in their Flight Planning activities whilst operating with the AgustaWestland family of products.

The application provides an intuitive, simple and modern Human Machine Interface, which requires no formal training. **Skyflight** is the optimal off-aircraft tool to carry out pre-flight evaluation of all the aspects of any mission ensuring a thorough safety assessment. Wherever you are, through your internet enabled device, you will be provided with relevant aviation information, in addition to a real-time stream of weather and environmental data, which is used in conjunction with the Leonardo Helicopters aircraft performance data. The essential tools for the route planning still remain available when **Skyflight** is offline.

BENEFITS

The **Skyflight** application has been specifically developed for our Customers, giving the ability to:

- Minimize crew errors and increase flight safety
- Increase the Pilots Situational Awareness
- Reduce the workload required for flight operations
- Reduce fuel and maintenance costs
- Reduce flight crew head-down time
- Provide intuitive, easy and modern interface
- Keep information up-to-date.

FEATURES

You will quickly see how easy your pre-flight experience can be with Skyflight's built in features:

- Accurate Weight and Balance calculations, based on your aircraft real configuration, allow passenger and mission specific equipment loading and the adjustment of fuel levels, calculating and checking mass and centre of gravity limits are not exceeded.
- Route design, amendment and assessment in just a few clicks. Planning your mission by clicking, dragging, repositioning the waypoints and legs of the route, whilst being advised on the latest weather conditions, airspace restrictions and warnings, in an easy to understand colour coded graphic.
- A complete aircraft performance calculation for each leg of the mission, fully compliant with the AgustaWestland product performance figures, taking into account the weight and balance editor calculations and relevant weather data.
- The CAT A performance calculation assists pilots to run their operations effectively and efficiently, giving them the ability to manage data, from the approved flight manual, with ease, from anywhere.
- **Skyflight** delivers CAT A key data in a single comprehensive view, Increasing efficiency and reducing the possibility of errors.
- Rapidly, in just a few clicks, the flight crew prepares weight and balance and flight plan reports.
- Automated Engine Power Assurance Check available for AW139, fully compliant with the flight manual limits.
- Data can be saved and stored.
- Rapid upload of flight data from **Skyflight** to the aircraft systems via secure WIFI connection allows the planned mission and its respective waypoints to be integrated into the aircraft Flight Management System (on applicable aircraft models).
- Adaptable maps with a range of independently selectable layers, adapting automatically to your zoom level, showing or hiding the relevant features making maps easy to understand.
- EMS/Police specific maps identifying street names, supporting ground to air co-ordination.
- Each pilot can save, share with the others and re-use his planned data, permitting a multi-model fleet control in terms of weight configuration and scheduled flights.
- During the flight, the navigation features are available to show the actual aircraft position, elevation and speed. The track is represented on map together with the 3 and 5 minutes ranges.
- Moreover, **Skyflight** integrates with the Leonardo Helicopters Flight Crew Operations Manuals.





Keep data updated



Update

Manage your fleet weight and balance



Fleet-W&B

Integration with the Operations Manuals



Publications

CAT A key data in a single comprehensive view



CAT A

Plan your flight and AC performances



Planning

Automated Engine Power Assurance Check



PAC/EPC

View your AC position and flight track



Navigation

Upload



Upload data in the to The on-board AC system

Leonardo - Società per azioni
Registered Head Office:
Piazza Monte Grappa, 4 - 00195 Rome - Italy
Tel. +39 06 324731 - Fax +39 06 3208621
Leonardo Helicopters
Head Office:
Via Giovanni Agusta, 520 - 21017 Cascina Costa di Samarate - Italy
Tel. +39 0331 229111



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