HEELP

HANDLE EASY EMERGENCIES LOCAL PROCEDURE

HEELP ADD.ON

HEELP is also an ideal integrated platform for the support and the management of other Plans and Procedures of different functions:

- Local Plan for the management of the AWO (All Weather Operations)
- Emergency Plan for refueling with passengers on board
- Emergency Plan for "Unlawful Actions" related to aircrafts
- "Airport Security" Emergency Plans also non related to the aircrafts
- "Anti NBC" Emergency Plans
- Terminal Emergency Plans
- Volcanic Contingency Management Procedures
- Real time distribution of AIS and Meteorological information (Notams, Aerodrome Warnings, etc.)
- Hazard Beacon management and monitoring
- Communication and coordination of the "Works" operational procedures on the airport movement area and its vicinity
- Communication and coordination of the significant operation maintenance activities

HEELP ABSTRACT

- Instant audible and visible alert with acknowledgement of receipt
- Alert using phone calls, text messages, emails with acknowledgement of receipt
- Immediate communication of information about aircraft in an emergency situation
- Visualisation in real time of the position of the aircraft on the airport grid map
- Tracking of the veichles used in the rescue process (on land and sea)
- Communication, routes, recorded actions on an unchangeable log system with appropriate time stamps
- Support of the implementation of checklists with recorded item implementation times
- Simple activation of Control Rooms without limitation in number and/or location

HELP

HANDLE EASY EMERGENCIES LOCAL PROCEDURE

HEELP is a cutting-edge system designed and implemented to support and facilitate interactions between the individuals involved in the overall management of local airport emergency and contingency plans and other routine activities which require complex coordination.

HEELP is much more that a warning system commonly used in all airports as required by the ICAO regulations, it is also used for the activation in the different phases of the Airport Emergency Plan and the Emergency Plan at sea for coastal airports.

HEELP alerts but also facilitates fast, efficient, complete and secure communication of necessary information, which extends not only to all the main boards involved in the Emergency Plan but to all the persons and vehicle concerned too.

HEELP supports the real actions necessary to the implementation of the emergency plan and more particularly:

- It communicates the ("REAL or EXERCISE") activation phases of the Airport Emergency Plan (and at sea) to all the operators involved through the immediate activation of the warning stations by emitting sound and noise.

- It communicates the activation of the alarms in real time to all the personnel in charge via instant texts messages, emails and recorded telephone calls.

- It simultaneously alerts all the vehicles and means normally used in the search and rescue operations of the emergency plans (Fire Fighting vehicles, Medical Service ambulance, Airport Security Service, etc.), which are specially fitted with state-of-the-art tablets (IPad and Android) and AVL (Automatic Vehicle Locator).

- It communicates immediate and constant information updates, which are available and relevant about the aircraft concerned (type, carrier, fuel on board, type of failure, ETA and aircraft's projected path, POB, dangerous goods on board etc.). The communication methods are highly reliable, redundant and efficient and they prevent congesting frequent communication and most importantly, it dramatically reduces interference and misunderstandings during the agitated phases of an emergency.

- It enables the immediate and graphic visualisation of the information available and related to the aircraft concerned, directly on the display of all the means used during the operation as well as the graphic description on an airport map of the landing direction of the aircraft, namely the exact position, on the airport grid map or the airport grid map at sea.

- It enables the satellite tracking, on a georeferenced map of the airport area, the identification and the guidance of each medium used in the search and rescue activity (essential feature in case of operation in adverse weather conditions and/or reduced visibility).

- It shows on special Situation Panels installed in the different control rooms of different boards (also in remote locations), the deployment of resources in the field, the information about the emergency, the status of implementation of the checklist and any other information useful for an optimised coordination of the operations, therefore pointing to the most advanced and stringent requirements set by the ICAO Doc.9137 Part 1 (Fire Fighting Service) and Part 7 (Airport Emergency Planning).

- It activates in the different control rooms (ATC, Fire Fighting Service, Medical Service etc.) the relevant personalised checklist for each function.

- It records and saves in an unchangeable and secure manner, all the actions carried out with their time stamps.