ICARUS PLUS

SCOPE OF THE SYSTEM

➤ **Technical Area:** Engineering, programming, planning, production control, maintenance, reliability, and quality control.

➤ **Sourcing:** Repairable components, materials, tools, valuation, accounting closings, guarantees, cost centers, requisitions, purchase orders, minimum stock, storage limits.

➤ **Operations:** Assignment of crew members, reports to the aeronautical authority, crew statistics, check control, cargo handling, fuel consumption, statistical reports by aircraft, fleet, and crew.

BENEFITS

➤ **General:**
- Icarus Plus is an efficient tool that allows the management of critical information online and in real time.
- Facilitates budget control based on maintenance projections and accounting closings by cost centers.
- It allows inquiries and approves purchases from anywhere via the Internet, either from a PC or a mobile device.
- Generation of reports and records.

➤ **Inventories:**
- Timely shopping.
- Reduction of unnecessary stock.
- Inventory valuation in real time.
- Control of guarantees.
- Shelf Life Control.
- Automatic requisition process.

➤ **Technical area:**
- Optimizes aircraft shutdowns for maintenance.
- Decreases the need to order AOG.
- Controls interchangeability and traceability of components.
- Controls all maintenance tasks (services, components, technical documents, inspections, etc.)

➤ **Operations:**
- Operational and statistical control of crew and aircraft.
- Scheduling of recurring checks.
- Fuel consumption control.
- Automatic generation of monthly statistical reports requested by some Aeronautical Authorities.
- Control of personal and professional information of the crew.

MODULES

➤ **Setting:**
It allows configuring general use options in the program such as maintenance personnel, aircraft, inventories, among others.

➤ **Maintenance:**
This module handles all the information related to the control of the pattern of aircraft maintenance services, components, and technical documents such as AD's and SB's.

➤ **Programming:**
It is possible to schedule the fulfillment of maintenance tasks for an upcoming period of operation, whether in flight hours, cycles, or calendar time. Automatic alerts can also be set up to facilitate the control of these tasks.

➤ **Production Control:**
Generation of work orders, facilitates the creation of inspection guides or maintenance cards and repetitive work templates.

Inventories:
➤ It allows to control both aeronautical and non-aeronautical inventories. It registers all the information necessary to have a strict and orderly control of the inventory stock as well as the departures of components and materials to the aircraft, repair shops, and other dependencies of the company.

Statistics:
➤ Control of aircraft operation through flight records, which allows the obtainment different queries of accumulated flight hours and landings.

TECHNOLOGICAL CHARACTERISTICS OF THE SYSTEM

- Access from anywhere via the internet.
- Microsoft SQL Server database engine provides high reliability and stability in information management.
- Strict levels of access security.
- Graphical analysis of results.
- Quick change of interface in Spanish and English.
- Ease of adaptation to new requirements of our clients.

COMPONENTS, ASSEMBLIES, AND SUB-COMPONENTS

- Complete configuration of part numbers according to their nature.
- Statistical control of each serial number since its initial registration.
- Configuration of the services required for each component.
- Definition of the control frequency depending on the type of aircraft in which it operates.
- Configuration of dependent services.
- Management of service extension for specific components.
- Immediate access to the movement and service history of each component as well as its current statistics.

Product developed by

seico Technology

Contact Us

USA
MAURICIO ORJUELA
+ 1 (407) 624 - 8215
m.orjuela@seicotechnology.com

Follow us on networks

www.seicotechnology.com