



*Ministero dello Sviluppo Economico*

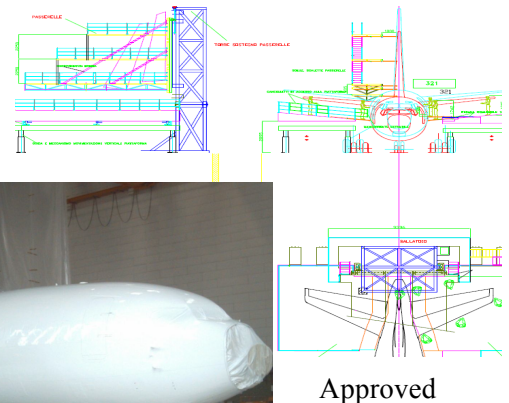
**Bando Legge 808/85 – (2014 – 2016)**

Progetto: “SOLUZIONI INNOVATIVE PER LO SVILUPPO DI UN CENTRO DI MANUTENZIONE E COMPLETAMENTO VELIVOLI”

The project aim to fix requirements and base criteria of a digital platform specialized for MRO, in order to optimize maintenance work flow, with focus on scheduled maintenance activities and associated logistics management integration, to assist organization managing additional and corrective actions for unplanned maintenance activities, increasing the levels of reliability and safety; the project includes developing action to implement a pilot maintenance line for innovation assessment and technology level validation.

In addition the research splits with man-machine interface study, optimized for the use of the platform, to assist the operator for the execution of maintenance activities so as to significantly reduce the margins of human error and to increase effective production;

The main goal is to obtain an open architecture system that complies with international standards also in terms of reliability, flexibility and scalability on all primary software platforms to cope with the evolution of requests, services and needs expressed by users;



The main results achieved:

- Full Aircraft Painting Bay System Optimization
- Advanced Design for A/C Maintenance Platform with Automatic & Flexible configuration
- New Service Implementation: Design Organization (DOA) for Cabin Interiors & Livery



The project is going on with e second phase (2017/2020) to implement a Regional Aircraft Maintenance & Completion Center in Capodichino Airport. The general objective is to renew the production lines and develop new capabilities for aircraft and components based on technological innovation.

The first action aims to gain experience and skill for maintenance and overhaul of components as well as for design of cabin interiors, specific action concerns about workshop component process analysis and interior design prototyping, considering all methods to mitigate emission and implement a "Zero Impact Maintenance Station".

The second course of action aims to realize a special model of MRO, based on results obtained in the first phase, in order to modernize the production with new technological tools, renewing the organization and the specific hangar equipment, making the production LayOuts effective and efficient.