Knowledge Valley
Innovation Through Technology

SIMULATION DISPLAYS

PROJECT OVERVIEW

It is very important nowadays to replace old and oudated displays found on planes to make sure that the information available to the pilot is at the cutting edge in efficiency, precision and security but also that systems on the ground will function alongside these new developments for cross checking and correction of important data associated with avaiation requirements.

OUR SOLUTION TO THIS PROJECT

We have developed a simulation display which can be used to test and correct new displays required on updated and upgraded aircraft display systems. It is essential to ensure that communciaction from and to the ground control in respect to displayed information on the plane or in the ground command center are accurate and precise. Our system consists of a testing software creates messages to and from aircraft, manages information variables of flight and sends processed message units to each or every display required to present this information in a visual way.

PRINCIPLES ON HOW IT WORKS

- Simulation of hardware parts in the sending and transfer of messages.

- Selection of the origin of sending of information.
- Selection of display destination of where the information is sent.

WHAT MAKES OUR SYSTEM DIFFERENT

- Configuration of the origin and the destination of information required.
- Recorded log of sent and received messages and information.
- Configuration of sent information through different types of formats and ways.

AREAS WHERE OUR SYSTEM CAN BE USED

- Simulation of displays of different, terrestrial or marine air vehicles that need a management system to transmit messages from the same system.
- Simulation of mailing of information for later research and investigation.

CONTACT US: SELLS & SUPPORT

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