

DEFENCE AND SPACE

C295 New Avionics



AIRBUS

C295 A NEW STANDARD IN AVIONICS



The C295 New Avionics is fitted with Collins Aerospace Pro Line Fusion®, a Commercial-Off-The-Shelf (COTS), state of the art flight deck, designed to meet evolving airspace and regulatory requirements. This new standard represents a significant advance in capability for the C295 Operators.

EXTENSIVE SITUATIONAL AWARENESS

The systems and technology incorporated give the pilot the optimum awareness that is key for tactical flying.

- The Synthetic Vision System (SVS) displays on the screens a 3D reproduction of the terrain, obstacles and important zones, providing enhanced terrain awareness in any flight condition
- Overlaid Weather Radar information, combined with the graphical flight planning capability, allows easier avoidance of adverse climatological situations
- Terrain Awareness and Warning System (TAWS) information superimposed on maps and the SVS
- Display of the Tactical Situation Window and EO/IR video on ISR versions for better coordination and mission awareness

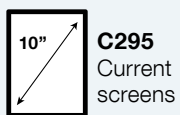
EASE OF OPERATION

The Pro Line Fusion® avionics significantly reduces pilot workload thanks to the intuitive HMI.

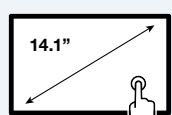
- Touchscreen and physical controls plus increased screen size
- Reconfigurable screens with preset configurations
- System status reports with an Alerting System, and Electronic Checklists that provide the necessary steps to check and resolve problems
- Electronic Charts display on the screens with own aircraft geo-positioned
- Optional Head-Up-Display (HUD) and Enhanced Vision System (EVS), to improve pilots' situational awareness in tactical operations and low-visibility landings

ADVANCED HUMAN MACHINE INTERFACE

Intuitive HMI with touchscreen controls lets pilots interact with what they see on the four 14.1" screens, thus facilitating rapid access to flight planning and other important aircraft systems information.



C295
Current
screens



C295
New
screens

- Double the screen size: more information at a glance
- Touch-screen simplicity
- Graphical flight-planning capability

READY FOR THE FUTURE

The C295 with its New Avionics incorporates some of the most modern technology available, compliant with current and forthcoming civil and military requirements.



- ADS-B Out
- TCAS II v7.1
- RNP/RNAV
- Weather Radar with windshear and turbulence prediction
- Optional GPS with SAASM