



“If all our suppliers were like Pambry, our jobs would be so much easier”

**CURTISS -
WRIGHT**

Written April 2015:

Engineering design, test and manufacture of Electrovoice (EV) Cockpit Area Microphone

In the autumn of 2013 CWC-AE made the decision to improve their incumbent Electrovoice (EV) Cockpit Area Microphone with a more (E)TSO compliant offering for use in conjunction with their new family of crash recorders. This core component of the recorder subsystem would help CWC-AE deliver a new family of products which, when brought to market, would reinforce their global position within the industry.

Pambry Electronics Limited were approached with a stringent set of technical requirements which placed heavy emphasis on the mandatory requirements of the aviation industry, coupled with a commercial desire to create a financially attractive offering which would supersede the then current unit of choice.

Pambry proposed to essentially develop a like for like replacement for the EV Microphone capsule but the replacement body would be an anodised aluminium part with a paint spray finish. The new device would be form, fit and functional to the ARINC standard.

Within a month of the original request from CWC-AE, Pambry had completed their full development proposal, agreed full commercial terms for the project and delivered a complete and thorough schedule for the new Microphone. The initial phase would chart the elements of Microphone research; choice would dictate later selection process and Pambry's vast knowledge and experience in these areas was put to good effect.

As with all well run programmes the supplier/customer interaction is key and Pambry maintained a tight and professional approach to all correspondence and programme deliverables meeting every milestone in good time and with all requirements met.

**CURTISS -
WRIGHT**

Tel 01202 624910 Fax 01202 632452 Email sales@pambry.co.uk

www.pambry.co.uk

Page |





With the Microphone element choice made, the design phase was completed in good time and Pambry supplied 8 Engineering standard units for use in the CWC-AE development laboratory where the units were integrated with the new recorder system under development. The next critical phase of the programme would be to carry out the qualification programme, key to any new avionics equipment, which requires a dedicated attention to detail and accurate documentation process. Pambry provided a dedicate staff member to this task and this reaped rewards with a full complement of successfully completed tests carried out using a number of external test houses including the customers own facility.

The Quality Assurance requirements placed upon Pambry by CWC-AE have been very stringent, but Pambry have dealt with this in a very professional and patient manner at all times. Indeed the whole experience from inception to completion has been hugely successful for both parties and has cemented Pambry as a partner of choice for CWC-AE in future projects.

“If all our suppliers were like Pambry, our jobs would be so much easier”

Curtiss Wright, Penny and Giles.

- *A unified global diversified industrial company*

Curtiss-Wright has a long tradition of providing state-of-the-art, reliable solutions through trusted customer relationships to the commercial, industrial, defence and energy markets.

Official website: www.curtisswright.com

**CURTISS -
WRIGHT**

Tel 01202 624910 Fax 01202 632452 Email sales@pambry.co.uk

www.pambry.co.uk

Page 2

