

# ***Penny & Giles – Product Support***

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Document Title : A429 Label Monitor Instructions  
Equipment Affected : OQAR & PQAR  
Part Numbers : D52000-X0XXX and D52000-X3XXX  
Classification : Information

## **Introduction**

These notes are applicable only to OQAR/PQAR models that include the ARINC 429 Interface Hardware – such as part number D52000-60200. If you are not sure whether your OQAR/PQAR includes the ARINC 429 Interface Hardware then please contact our Product Support department quoting your OQAR/PQAR part number.

These notes have been prepared to assist an operator in interrogating the ARINC 429 labels configured into the OQAR/PQAR. Only if A429 labels are configured into the OQAR/PQAR will the OQAR/PQAR then allow you to interrogate the samples data.

This can be done by selecting the menu option 01 OPERATOR|A429MON. The OQAR/PQAR will then display the configured labels in the sequence 0 to 31 – allowing the operator to choose each label in sequence. When an A429 label is selected the OQAR/PQAR will display the label number (in the sequence 0 to 31), the label identification (for example 305) and the full 32 bit label value in a hex format (in the form 00000000).

- NOTES:**
1. To confirm a selection press the enter key, but to abandon the selection press the exit key.
  2. Repeatedly pressing the EXIT key will back up the menu system until the default display of TIME and DATE is displayed. Press the EXIT key again to then display the 01 OPERATOR menu.

## **Procedure.**

In order to display the ARINC 429 label monitor function – A429MON, follow this procedure:

1. Press the EXIT key to display the 01 OPERATOR menu (you may have to press this key more than once to display this menu).
2. Press the ENTER key to display the first option “ACTIVITY”, press the “+” (PLUS) key three times until the display shows “A429MON” and “SELECT?”, then press the ENTER key – the display will change to “LABEL NO” and “00 203”. Please note that the actual label number displayed (in this case 203) will depend upon the specific A429 labels configured into your OQAR.
3. For each label sample received the OQAR/PQAR will update the corresponding hex

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display. For example; for label 203 Captains Standby Altitude, the hex value displayed at 1,250 feet will be “60271183”.

4. Press the EXIT key to return to the “A429MON” and “SELECT ?” display, then press the ENTER key followed by the “+” or “-” keys to select a different label.

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## **Product Support Contact Information**

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