



**Australian Acoustical Society**

A.C.N. 000 712 658

NEW SOUTH WALES DIVISION

## **TECHNICAL MEETING**

# **CHANGES IN AIRCRAFT NOISE ASSESSMENT, SYDNEY THIRD RUNWAY TO BRISBANE**

**The Date:** Tuesday 22<sup>nd</sup> May 2007

**The Venue:** NATIONAL ACOUSTICS LABORATORIES  
126 GREVILLE STREET  
CHATSWOOD

**The Time:** 6.30 pm to 7.30 pm

**The Speaker:** Dr Rob Bullen

The noise assessment for a proposed Third Runway at Sydney Airport was presented in 1991, and was based on traditional measures of noise exposure, notably ANEF. When the runway opened in 1995, that assessment was severely criticised as being misleading, unhelpful and in some cases simply wrong.

Since that time there has been a revolution in the ways in which aircraft noise is described and evaluated – at least in Australia. Development of new metrics and new presentation tools has been led by the Commonwealth Department of Transport and Regional Services, and has aimed to produce a more accurate, and certainly more understandable, assessment procedure.

The New Parallel Runway project at Brisbane Airport provides the most important test of the new methodologies to date. This talk describes the analysis and calculation procedures used to predict airport operations with the new runway; ways of comparing options and trade-offs; and the presentation of the final results. The new assessment procedures give a much more complete picture of noise exposure, and changes in exposure due to the project. Of course, the real test will come after the runway opens in about 2015 ...

### **RSVP**

Friday 18<sup>th</sup> May 2007 to Neil Gross by email

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**‘ANYONE’ is welcome to attend and supper will be provided**