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**SHORT COURSE ON THE AIRCRAFT/PAVEMENT INTERACTION
(Santa Cruz de la Sierra, Bolivia, 22/23 July 2002)**

PRELIMINARY LIST OF TOPICS TO BE CONSIDERED

Module I

- Introduction
- Principles of aircraft/pavement interaction
- Pavement characteristics that affect the aircraft/pavement interaction
- ICAO SARPS related to the subject

Module II

- Pavement characteristics that can induce excess of aircraft vibrations
- Techniques and equipments for runway roughness evaluation
- Existing runway roughness criteria
- Techniques for improving the runway ride quality
- Design of temporary ramp for pavement rehabilitation



- ICAO recommendations
- Case studies

Module III

- Pavement characteristics that affect the tire-pavement interface on wet runways
- Techniques and equipments for evaluating the coefficient of friction at the tire-pavement interface
- Techniques for improving the coefficient of friction at the tire-pavement interface
- Techniques for runway rubber removal
- ICAO recommendations
- Case studies

