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| 14. ABSTRACT   |   |  |                |            |                                     |
| The motivation for the Lecture Series springs from a number of interwoven issues. Prominent among them are:  |   |  |                |            |                                     |
| a) NATO has been engaged in several, disparate theaters of low-level, unconventional conflicts,  |   |  |                |            |                                     |
| b) damage to air platforms due to ground fire is an increasing menace, and   |   |  |                |            |                                     |
| c) repair of aircraft albeit temporany of both fixed, and rotary-wing types, if at all possible, poods to be carried in make shift   |   |  |                |            |                                     |
| bases far from logistics centers at home and under severe time constraints.  |   |  |                |            |                                     |
| The focus of the Lecture Series will be on airframes, engines and wiring, specifically the flight-safety-critical elements. The  |   |  |                |            |                                     |
| syllabus for the lectures covers epidemiology of ABDR, procedures for assessing damage including diagnostic tools, selection   |   |  |                |            |                                     |
| of materials used for repair, selection of appropriate design to carry out repair, modeling and simulation tools used as adjuncts.   |   |  |                |            |                                     |
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## Battle Damage Repair Techniques and Procedures on Air Vehicles – Lessons Learned and Prospects

(Techniques de réparation au combat et procédures pour les aéronefs - Enseignements tirés et perspectives)

The material in this publication was assembled to support a Lecture Series under the sponsorship of the Applied Vehicle Technology Panel (AVT) on 17-18 May 2010 in Prague, Czech Republic; on 20-21 May 2010 in Košice, Slovak Republic; and on 24-25 May 2010 in Warsaw, Poland.



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- HFM Human Factors and Medicine Panel
- IST Information Systems Technology Panel
- NMSG NATO Modelling and Simulation Group
- SAS System Analysis and Studies Panel
- SCI Systems Concepts and Integration Panel
- SET Sensors and Electronics Technology Panel

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