Aerospace Medicine and Human Performance
Volume 87, Number 11
November 2016

President's Page

Denver, First Look
D. P. Gradwell
911

Research Articles

Autonomous, Computer-Based Behavioral Health Countermeasure Evaluation at HI-SEAS Mars Analog
A. P. Anderson, A. M. Fellows, K. A. Binsted, M. T. Hegel, and J. C. Buckey
912

Color Vision and Performance on Color-Coded Cockpit Displays
J. P. Gaska, S. T. Wright, M. D. Winterbottom, and S. C. Hadley
921

Neck Muscle Strain in Air Force Pilots Wearing Night Vision Goggles
M. W. Pousette, R. Lo Martire, J. Linder, M. Kristoffersson, and B. O. Äng
928

Psychometric Personality Differences Bwetween Candidates in Astronaut Selection
J. M. Mittelstädt, Y. Pecena, V. Oubaid, and P. Maschke
933

Communication Delays Impact Behavior and Performance Aboard the International Space Station
N. M. Kintz and L. A. Palinkas
940

Pilot and Passenger Injuries Associated with Powered Parachutes
N. W. Skelley, L. M. Yarholar, and L. C. Richardson
947

Short Communications

Psychometric Properties of the Greek Version of the Gianaros Motion Sickness Assessment Questionnaire
P. Kousoulis, A. Pantes, G. Alevetsovitis, and O. Fydanaki
954

Emergency Medical Considerations in a Space-Suited Patient
A. Garbino, D. M. Nusbaum, D. M. Buckland, A. S. Menon, J. B. Clark, and E. L. Antonsen
958

Case Reports

Explosive Decompression with Resultant Air Gas Embolism in a Fourth Generation Fighter at Ground Level
J. X. Zhang, J. R. Berry, and D. P. Beckstrand
963

Aeromedical Evaluation for an F-16 Candidate with Incomplete Paraplegia
M. Chahal-Kummen, T-E. Strand, J. O. Owe, E. Gulliksen, and A. S. Wagstaff
968

FEATURES

972 **Science and Technology Watch: Development of a Geographic Information System for Risk-Informed Decision Making in Aerospace Medicine**—*L. Paskoff*
976 **You're the Flight Surgeon**—*B. R. Martin*
980 **This Month in Aerospace Medicine History**—*W. W. Dalitsch III*