

Aerospace Medicine and Human Performance

MAY 2021 VOLUME 92 NUMBER 5

PRESIDENT'S PAGE

287 An Extra Turn at Bat

C. DeJohn

RESEARCH ARTICLES

289 Decompression Illness Incidence and Hypoxia Symptoms After Prebreathing in Hypobaric Hypoxia Training

L. J. Cheok, L. Y. Goh, F. W. Soh, and B. T. B. Chuan

294 Analysis of Air Taxi Accidents (2004–2018) and Associated Human Factors by Aircraft Performance Class

D. Budde, J. Hinkelbein, and D. D. Boyd

303 Physiological and Cognitive Performance in F-22 Pilots During Day and Night Flying

E. K. Combs, A. S. Dahlman, N. L. Shattuck, J. A. Heissel, and L. R. Whitaker

312 Penguin Suit and Fetal Position Finite Element Model to Prevent Low Back Pain in Spaceflight

S. Zhang, K. Wang, R. Zhu, C. Jiang, and W. Niu

319 Increasing Altitude and the Optokinetic Cervical Reflex

M. A. Stewart, S. Pingali, and D. G. Newman

326 Deficits in Visual Processing During Hypoxia as Evidenced by Visual Mismatch Negativity

K. J. Blacker, T. R. Seech, M. E. Funke, and M. J. Kinney

REVIEW ARTICLES

333 A Novel Biopsychosocial Approach to Neck Pain in Military Helicopter Aircrew

R. E. Vail, S. D. R. Harridge, P.D. Hodkinson, N. D. C. Green, and M. Pavlou

342 Microgravity and Radiation Effects on Astronaut Intervertebral Disc Health

K. Smith and J. Mercuri

SHORT COMMUNICATION

353 Children and Infants in Aviation Accidents

H. Kalagher and A. de Voogt

AEROSPACE MEDICAL ASSOCIATION NEWS

358 AsMA Members Lead Scout Aviation Maintenance Program

358 In Memoriam

358 UHMS Proposes UHM Research Initiative