*Contrails* Digital Initiative from a Documents Librarian Point of View

Presented at the Spring 2015 Meeting  
Northeastern Illinois Documents Librarians  
Paul V. Galvin Library, Illinois Institute of Technology  
May 15th, 2015

Handout 1: Contemporary publications citing *Contrails* technical reports

1. Etzinger, J. O & Suzuki, S., (2009) “Modeling of the Human Pilot in Aircraft Landing Control”, Proceedings of the 10th APRU Doctoral Students Conference
2. Gupta, V. (2012) Design and Development of Low Cost Active Electrode for SEMG
3. Keshwani, N. (2011) Surface Electromyography of the pelvic floor musculature: reliability and validity of a novel electrode design
4. Bhola, V., Swalaha, F., Ranjith Kumar, R., Sing, H., & Bux, F. (2014) “Overview of the potential of microalgae for CO2 sequestration”, *International Journal of Environmental Science and Technology* 11:7, pp 2103-2118
5. Hu, X., Raja, W. K., An, B., Tokareva, O., Cebe, P. & Kaplan, D. L. (2013) “Stability of Silk and Collagen Protein Materials in Space” *Scientific Reports* 3:3428, p. 1-8
6. Koyama, M. Tasan, C. C., Akiyama, E., Tsuzaki, K. & Raabe, D. (2014) “Hydrogen-assisted decohesion and localized plasticity in dual-phase steel”, *Acta Materialia* 70, p. 174-187
7. Latham, C.D., Heggie, M.I., Gamez, J.A., Suarez-Matinez, I., Ewels, C.P. & Briddon, P.R., (2008) “The di-interstitial in graphite”, *Journal of Physics: Condensed Matter*, 20, p.1-8
8. Orlando, D. Bautista Gonclaves, P. Rega, G. & Lenci, S., (2011) “Nonlinear Dynamics and Sensitivity to Imperfections in Augusti's Model”, *Journal of Mechanics of Materials and Structures*, 6:7-8. p. 1065-1078
9. Sunkara, V., Nobleheart, W., Chakravarthy, A., (2014) “Performance Metrics for Tiltrotor Flight Dynamics During the Transition Regime”, *Journal of Guidance, Control & Dynamics*, 37:6, p. 2039-2043
10. DuPont, Andre (2009) An American Solution for Reducing Carbon Emissions, Averting Global Warming, Creating Green Energy
11. Fangueiro, R. (Ed.) (2011) Fibrous and Composite Materials for Civil Engineering
12. Jenkins, Dennis R. (2012) Dressing for Altitude: U.S. Aviation Pressure Suits - Wiley Post to Space Shuttle, NAS 1.21:2011-595
13. Iwamoto, K. & Yamamoto, T. (2014) Insulatable battery pack for secondary battery, US 8846245 B2
14. Scheller, Dieter & Hansen, Klaus (2013) (S)-2-N-propylamino-5-hydroxytetralin as a D3-agonist, US 8609641 B2
15. Tonti, William R., Berry, Wayne S., Fifield, John. A., Guthrie, William H., Kontra, Richard (2014) US 8724365 B2
16. Tonti, William R., Berry, Wayne S., Fifield, John. A., Guthrie, William H., Kontra, Richard, (2012) Programmable semiconductor device, US 8184465 B2

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Handout 2: *Contrails* technical reports cited by contemporary publications

1. Elkind, J. I., Miller, D. C., (1967) Adaptive Characteristics of the Human Controller of Time-Varying Systems, AFFDL TR 66-60 (#1)
2. Davis, J. (1959) Manual of surface electromyography, WADC TR 59-184 (#2 & #3)
3. Geckler, R. P., Sane, J. O., Tew, R. W., (1962) Highly concentrated carbon dioxide as a carbon source for continuous algae, AMRL TDR 62-116 (#4 & #10)
4. Mixer, R. Y. & Parkinson, D. B. (1957) The Effect of Nuclear Radiation on Structural Plastics: Part III. Experimental Research, WADC TR 56-534 Part 3 (#5)
5. Frohmberg, R. P., Barnett, W. J., Troiana, A.R., (1954) Delayed Failure And Hydrogen Embrittlement In Steel, WADC TR 54-320 (#6)
6. Soule, D.E. & Nezbeda, C. W. (1963) Diamagnetic Susceptibility of graphite by the Faraday method WADD TR 61-072 Volume 39 (#7)
7. Koiter, W. T., (1970) The Stability of Elastic Equilibrium AFFDL TR 70-25 (#8)
8. Key, D. L., (1971) The Generation of a Military Specification for Flying Qualities of Piloted V/STOL Aircraft MIL-F-83300, AFFDL TR 71-23 (#9)
9. Ross, J. H., (1961) Organic and Inorganic Fibrous Materials, ASD TR 61-322 (#11)
10. Goodall, R. (1963) Development Plan And Cost Estimate. Addendum To A Study Of An Orbital Maintenance And Material Transfer Shuttle, RTD TDR 63-2057 addendum (#12)
11. Hoffman, H. I., (1965) Sodium Silicate as a Versatile Structural Materia,l AFAPL TR 65-108 (#14)
12. Beane, G. A (1961) Advanced Lubrication Techniques, ASD TR 61-322 (#14)
13. Latva, I. D. (1961) Ceramics and Intermetallics ASD TR 61-322 (#15 & #16)