

# Eric Hallberg

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## Education

Degree	Discipline	Institution	Year
Ph.D.	Aeronautical Engineering	Naval Postgraduate School	1997
M.S.	Aeronautical Engineering	Naval Postgraduate School	1994
B.S.	Chemical Engineering	University of Pennsylvania	1984

## Academic Experience

Institution	Rank	Title	Dates	Full or Part Time
U.S. Naval Academy	Professor of the Practice	None	2010 - present	Full
U.S. Naval Academy	Asst. Professor	None	2005 - 2010	Full
U.S. Naval Academy	Military Professor	None	2000 - 2004	Full

## Non-Academic Experience

- 2004 – 2005: Chief Engineer, General Dynamics, VA
- 2002 – 2004: Unmanned Air Vehicle Special Projects Mission Commander, VC-6 Det. Patuxent River, MD
- 1986 – 1999: Naval Flight Officer, various duties in Strike Operations aboard U.S. Navy aircraft carriers worldwide.

## Current Membership in Professional Organizations

- American Institute of Aeronautics and Astronautics, Senior member

## Honors and Awards

- Department nominee for military and civilian excellence in teaching awards.
- Military: Defense Meritorious Service Medal, Meritorious Service Medal, Navy and Marine Corps Commendation Medal

## Service Activities

- USNA
  - USNA Graduate Education Committee (2008 – present)
  - Graduate Program Adviser (2008 – present)
  - Research & Capstone Committee (2010 – present)
  - Honor Representative (2005 – 2008)
  - Faculty Advisor to the AIAA Student Chapter (2000 – 2004)
  - Faculty Director, Fluids Laboratory (2002 - 2004)
- External
  - AIAA Atmospherics Flight Mechanics Technical Committee Member (2006-2009)

## Selected Publications and Presentations

- C.W. O'Brien, M.R. Snyder, E.N. Hallberg, A. Cenko, Effects of Targeting Pod Modification on F/A-18C Hornet Weapons Release, Accepted for publication in the *Aeronautical Journal*, 2012
- Cenko, J. Lee, E. Hallberg, N. Matheson, A. Benmeddour, B. Jolly, J. Bent, "A Collaborative International Approach to Store Separation," *Journal of International Test and Evaluation Association*, 2009
- Hallberg, E; Cenko, A; Dillenius, M F E. Store Separation Trajectory Simulation for the High Speed Anti-Radiation Demonstrator (HSAD) from the F-4 Aircraft, *26th AIAA Applied Aerodynamics Conference*. (2008).
- Cenko, A; Lee, J; Getson, E; Hallberg, E; Jolly, B; et al. IHAAA Applications to Reducing Store Separation Flight Testing, *U.S. Air Force T&E Days*. (2006).
- E. Hallberg, A. Cenko, M. F. E. Dillenius, "Store Separation Trajectory Simulation for The High Speed Anti-Radiation Demonstrator (HSAD) From The F-4 Aircraft, International Council of Aeronautical Sciences, September 2008, Anchorage, Alaska.
- E. Hallberg, A. Cenko, M. F. E. Dillenius, "HSAD Flight Test Results From the F-4 Aircraft," *American Institute of Aeronautics and Astronautics*, August 2008, Waikiki, Hawaii.
- Cenko, J. Lee, E. Hallberg, N. Matheson, A. Benmeddour, B. Jolly, J. Bent, "A Collaborative International Approach to Store Separation," *International Test and Evaluation Association Annual Symposium*, August 2007, Kauai, Hawaii.
- W. Godiksen, E. Hallberg, "Effect of Targeting Pod Addition on F-18C Store Separation Characteristics," *American Institute of Aeronautics and Astronautics*, August 2008, Waikiki, Hawaii.
- W. Godiksen, E. Hallberg, "Store Separation Analysis For the F-18C Aircraft Carrying An ATFLIR POD Using CFD," *International Council of Aeronautical Sciences*, September 2008, Anchorage, Alaska.
- Cenko, J. Lee, E. Hallberg, B. Jolly, W. Sickles, "IHAAA Applications to Reducing Store Separation Flight Testing," *AIAA Air Force T&E Days*, Destin, FL, 13 – 15 FEB 2007.
- E. Hallberg, "Parametric Analysis of the Store Separation of a High Speed Anti-Radiation Demonstrator (HSAD) Missile," *AIAA Atmospheric and Flight Mechanics Conference and Exhibit*, Keystone, CO, 21 - 24 AUG 2006
- E. Hallberg, W. Godiksen, "MATLAB based Telemetry Integration Utility for Store Separation Analysis," *U.S. Air Force Test and Evaluation Days*, Destin, FL, February 2006
- E. Hallberg, E. Ray, R. Fitzwater, "Store Separation Trajectory Simulation for the High Speed Anti-radiation Demonstrator (HSAD) Program," *44th AIAA Aerospace Sciences Meeting and Exhibit*, Reno, NV, 9 – 12 JAN 2006