

DAFTAR PUSTAKA

- Abbaspour, M., Radmanesh, A.R., and Soltani, M.R., 2016, Unsteady Flow Over Offshore Wind Turbine Airfoils and Aerodynamic Loads with Computational Fluid Dynamic Simulations, *International Journal Environment Science and Technology*, 13, 1525-1540. <https://doi.org/10.1007/s13762-016-0995-2>
- Anderson, J.D., 1995, *Computational Fluid Dynamics The Basic with Applications*, McGraw-Hill, Inc., New York.
- Anderson, J.D., 2017, *Fundamentals of Aerodynamics*, 6th Edition, McGraw-Hill Education, New York.
- Bangash, Z.A., Sanchez, R.P., Ahmed, A., and Khan, M.J., 2006, Aerodynamics of Formation Flight, *Journal of Aircraft*, 43(4), 907-912, AIAA. <https://doi.org/10.2514/1.13872>
- Çengel, Y.A. and Cimbala, J.M., 2018, *Fluid Mechanics: Fundamentals and Applications*, 4th Edition, McGraw-Hill Education, New York.
- da Silva, D. and Malatesta, V., 2020, Numerical Simulation of The Boundary Layer Control on The NACA 0015 Airfoil Through Vortex Generators, *Journal of Aerospace Technology and Management*, 12(1), 1-13. <https://doi.org/10.5028/jatm.v12.1102>
- Devi, P.B. and Shah, Dhilip A., 2016, Computational Analysis of Cavity Effect Over Aircraft Wing, *International Journal of Mechanical, Aerospace, Industrial, Mechatronic and Manufacturing Engineering*, 10(4), 774-777.
- Duchateau, P. and Zachmann, D.W., 1988, *Schaum's Outline of Theory and Problem of Partial Differential Equations*, McGraw-Hill Book Company, New York.
- Elsenaar, A., 2000, Vortex Formation and Flow Separation: The Beauty and The Beast in Aerodynamics, *Lanchester 2000 Lecture*, NLR-TP-2000-421, National Aerospace Laboratory NLR, Amsterdam.
- Ferziger, J.H. and Peric, M., 2002, *Computational Methods for Fluid Dynamics*, 3th Edition, Springer, New York.
- Hoffmann, K.A. and Chiang, S.T., 2000, *Computational Fluid Dynamics Volume I*, 4th Edition, Engineering Education SystemTM, Kansas. <https://doi.org/10.4324/9781315608259-2>
- Houghton, E.L., Carpenter, P.W., Collicott, S.H., and Valentine, D.T., 2017, Flow Control and Wing Design, *Aerodynamics for Engineering Students*, 7th Edition, 591-634, Elsevier Ltd., London. <https://doi.org/10.1016/b978-0-08-100194-3.00010-9>
- Islam, M.T., Arefin, A.M.E., Masud, M.H., and Mourshed, M., 2018, The Effect of Reynolds Number on The Performance of A Modified NACA 2412 Airfoil, *AIP Conference Proceedings 1980*, AIP Publishing, New York.

<https://doi.org/10.1063/1.5044325>

- Jodha, P., 2017, *Final Year Report: Aircrafts Winglets Analysis in CFD*, University of Derby, London.
- Kundu, A.K., 2010, *Aircraft Design*, Cambridge University Press, New York.
- Ladson, C.L., Brooks, C.W., Hill, A.S., and Sproles, D.W., 1996, Computer Program to Obtain Ordinates for NACA Airfoils, *NASA Technical Memorandum 4741*, NASA, Virginia.
- Li, X.K., Liu, W., Zhang, T.J., Wang, P.M., and Wang, X.D., 2019, Experimental and Numerical Analysis of The Effect of Vortex Generator Installation Angle on Flow Separation Control, *Energies* 2019, 12(23). <https://doi.org/10.3390/en12234583>
- Li, X.K., Liu, W., Zhang, T.J., Wang, P.M., and Wang, X.D., 2019, Analysis of The Effect of Vortex Generator Spacing on Boundary Layer Flow Separation Control, *Applied Sciences* 2019, 9(24). <https://doi.org/10.3390/app9245495>
- Li, X., Yang, K., and Wang, X., 2019, Experimental and Numerical Analysis of The Effect of Vortex Generator Height on Vortex Characteristics and Airfoil Aerodynamic Performance, *Energies* 2019, 12(5). <https://doi.org/10.3390/en12050959>
- Lin, J.C., 2002, Review of Research on Low-Profile Vortex Generators to Control Boundary-Layer Separation, *Progress in Aerospace Sciences*, 38, 389-420, Elsevier Science Ltd. [https://doi.org/10.1016/S0376-0421\(02\)00010-6](https://doi.org/10.1016/S0376-0421(02)00010-6)
- Meena, M.G., Taira, K., and Asai, K., 2017, Airfoil-Wake Modification with Gurney Flap at Low Reynolds Number, *AIAA Journal*, 56(4), 1348-1359. <https://doi.org/10.2514/1.J056260>
- Pawar, M. and Sonara, Z., 2017, Experimental Analysis of Flow Over Symmetrical Aerofoil, *International Journal of Advances in Production and Mechanical Engineering (IJAPME)*, 3(4), 8-12. <http://troindia.in/journal/ijapme/vol3iss4/8-12.pdf>
- Raymer, D., 2018, *Aircraft Design: A Conceptual Approach*, 6th Edition, AIAA, Inc., Virginia. <https://doi.org/10.2514/4.104909>
- Seetharam, H.C., Rodgers, E.J., and Wentz, Jr., W.H., 1977, Experimental Studies of Flow Separation of The NACA 2412 Airfoil at Low Speeds, *Aeronautical Report 77-3*, Wichita State University, Kansas.
- Skopinski, J., 2013, *Aero Service: Vortex Generators*, <https://vortex-generators.com/vortex-generators.html>, online accessed on 14 Mei 2021.
- Sun, Z., 2015, Micro Vortex Generators for Boundary Layer Control: Principles and Applications. *International Journal of Flow Control*, 7(1-2), 67-86. <https://doi.org/10.1260/1756-8250.7.1-2.67>

Tuakia, F., 2008, *Dasar-Dasar CFD Menggunakan Fluent*, 1st Edition, Informatika, Bandung.

Udris, A., 2005, *Vortex Generators: Preventing Stalls at High and Low Speeds*, <https://www.boldmethod.com/learn-to-fly/aerodynamics/vortex-generators>, online accessed on 14 Mei 2021.

Venkatesan, S.P., Kumar, V.P., Kumar, M.S., and Kumar, S., 2018, Computational Analysis of Aerodynamic Characteristics of Dimple Airfoil NACA 2412 at Various Angles of Attack, *International Journal of Mechanical Engineering and Technology (IJMET)*, 9(9), 41-49, IAEME Publication, India.

Zhen, T.K., Zubair, M., and Ahmad, K.A., 2011, Experimental and Numerical Investigation of The Effects of Passive Vortex Generators on Aludra UAV Performance, *Chinese Journal of Aeronautics*, 24(5), 577–583, Elsevier Ltd. [https://doi.org/10.1016/S1000-9361\(11\)60067-8](https://doi.org/10.1016/S1000-9361(11)60067-8)