

DAFTAR PUSTAKA

- Anderson, J. D., 1995, *Computational Fluid Dynamics*, The McGraw-Hill Company, Inc, New York.
- ANSYS, 2017, ANSYS Fluent Users Guide, SAS IP, Pennsylvania.
- Bramantya, M.A., Fikriardhi, M.E., 2019, Study of Unmanned Aerial Vehicle with Variation of Dihedral Angle and Configuration of Empennage Using Computational Fluid Dynamics Methods, *International Journal of Scientific & Technology Research*, vol.8, no.10., pp. 256-259.
- Clancy, L. J., 1975, *Aerodynamics*, Arnold-Heineman, New Delhi.
- Departemen of Defence. 2009. “*Unmanned systems roadmap 2009-2034*”
- Dwyer, L. 2009. *Wing Dihedral*. The Aviation History Online Museum, (http://www.aviation-history.com/theory/wing_dihedral.html) diakses 18 Maret 2021).
- Fahlstrom, P., dan Gleason, T., 2012, *Introduction to UAV Systems: Fourth Edition*. A John Wiley & Sons, Ltd, United Kingdom.
- Fawwaz, W., 2019, *Studi Numerik Aliran Fluida Sekitar Pesawat Chengdu J-10 dengan Sayap SAAB JAS-39 Gripen terhadap Berbagai Sudut Serang*, Universitas Gadjah Mada.
- Gundlach, J., 2012, *Designing Unmanned Aircraft Systems: A Comprehensive Approach*. American Institute of Aeronautics and Astronautics. Virginia.
- Jing, Z. dan Huang, Z., 2017, *Instability analysis and drag coefficient prediction on a swept RAE2822 wing with constant lift coefficient*, Chinese Journal of Aeronautics 30(3), pp. 964–975. doi: 10.1016/j.cja.2017.03.002.
- Kidane, B. S., 2016, *Design of Light GA Aircraft for Agricultural Purpose*, Department of Aeronautical University of Turkish Aeronautical Association. Ankara, Turkey.

- Kollias, G.N., Koufopoulos, M.T., Mazarakos, D.E., Margais, D-E., Kostopoulos, V., 2016, Aerodynamics and Static Stability Investigation of a *V-tail* Layout Using CFD Methods and Various Turbulence Models, *International Journal of Engineering Sciences & Research Technology*, vol.5, no.12.
- Leger, J. A., 2015. *Analytical Modeling of a Cyclorotor in Hovering State*. Proceeding IMechE Part G: Journal of Aerospace Engineering 0(0) 1-15. Institution of Mechanical Engineers.
- McCormick, B. W., 1995, *Aerodynamics, aeronautics, and flight mechanics*, New York: Wiley.
- Musa, N.A., Mansor, S., Ali, A., Man, M.H.C., Omar, W.Z.W., 2015, Effect of Tail Dihedral Angle on Lateral Directional Stability due to Sideslip Angles, *53rd AIAA Aerospace Sciences Meeting*, Kissimmee, Florida.
- NASA., 2021, *Aircraft Rotations*. Tersedia pada: <https://www.grc.nasa.gov/www/k-12/airplane/rotations.html> [Accessed 6 June 2021].
- Nurchayadi, T., Sudarja., 2008, *Pengaruh Lokasi Ketebalan Maksimum Airfoil Simetris terhadap Koefisien Angkat Aerodinamisnya*. Jurnal Ilmiah Semesta Teknik, Vol.11, No.1, pp. 110 – 124.
- Priyono, E., 2011, Pesawat Terband Tanpa Awak (PTTA) Sebagai Salah Satu Komponen Kekuatan Udara, *Jurnal Industri Elektro dan Penerbangan*, vol.1, no.2.
- Raymer, D. P., 1989, *Aircraft Design: A Conceptual Approach*. California: American Institute of Aeronautics and Astronautics, Inc.
- Rhee, I., Cho, S., Park, S., Choi, K., 2012, Autopilot Design for a Target Drone using Rate Gyros and GPS, *International Journal of Aeronautical and Space Sciences*, vol.13, no.4, pp. 468 - 473.
- Roskam, J., 1985. *Airplane Desain*, Part I. Kansas: Roskam Aviation & Engineering Corporation.

- Sadraey, M. H., 2013, *Aircraft Design: A System Engineering Approach*. 1 ed. John Wiley & Sons.S.
- Sorruno, 2007, *Distintos Tipos De Fuselajes De Avión*, the Creative Commons Attribution-Share Alike 4.0 International
- Talay, T. A., 1975, *Introduction to the Aerodynamics of Flight*, NASA SP-367. Washington, D.C.: Scientific and Technical Information Office, National Aeronautics and Space Administration.
- Terroba, F., Frövel, M., Atienza, R., 2019, Structural Health and Usage Monitoring of An Unmanned Turbojet Target Drone, *Journals of Structural Health Monitoring*, vol.18, no.2, pp. 635-650.
- U.S. Department of Defence. 2021. *Small Unmanned Aircraft Prove Worth in Battlefield Reconnaissance Role*. [online] Available at: <<https://www.defense.gov/Explore/News/Article/Article/1443054/small-unmanned-aircraft-prove-worth-in-battlefield-reconnaissance-role/#pop2505315>> [Accessed 2 March 2021].
- Versteeg, H. K., dan Malalasekera, W., 1995, *An Introduction to Computational Fluid Dynamics*, 2nd edition, Pearson Education Limited, Glasglow.
- Wantogia, M. S. R. R., 2018, *Perancangan Pesawat Tanpa Awak Taktis Kecil (Small Tactical Unmanned Aerial Vehicle) Untuk Misi Surveillance*.
- Wijiatmoko, G., 2016, Pemilihan Incidence Angle dari Horizontal Tail Berbentuk V-tail pada Pesawat Terbang Nir Awak. *Prosiding Seminar Nasional Hasil-Hasil PPM IPB.*, pp. 287-298.
- World Global. 2021. *US Army researches running the MQ-1C Grey Eagle on 'any type of fuel'*-World Global. [online] Available at: <<https://www.worldglobal.co.uk/2020/09/23/us-army-researches-running-the-mq-1c-grey-eagle-on-any-type-of-fuel/>> [Accessed 2 March 2021].
- Zeldes, M. J., 2017, *Airfoils in General*. [online] Available at:

<<http://www.dynamicflight.com/aerodynamics/airfoils/>> [Accessed 2
March 2021].

Zhang, P. F. et al., 2009., *Effect of Taper Ratio on Aerodynamic Performance of Cropped Non-slender Delta Wings*. Journal of Aircraft Vol. 46, No. 1 January- February 2009. American Institute of Aeronautics and Astronautics, Inc.