

DAFTAR PUSTAKA

- [1] F. Remondino, L. Barazzetti, F. Nex, M. Scaioni, and D. Sarazzi, "Uav Photogrammetry for Mapping and 3D Modeling – Current Status and Future Perspectives," *Int. Arch. Photogramm. Remote Sens. Spat. Inf. Sci.*, vol. XXXVIII-1/, no. October 2016, pp. 25–31, 2012, doi: 10.5194/isprsarchives-xxxviii-1-c22-25-2011.
- [2] S. Sayuti, A. Maulidi, and A. Khaerudin, "Pengembangan Prototipe Pesawat Udara Tanpa Awak Jenis Fixed Wing VTOL," *J. Rekayasa Energi dan Mek.*, vol. 2, no. 2, p. 128, 2022, doi: 10.26760/jrem.v2i2.128.
- [3] H. S. Saroinsong, V. C. Poekoel, and P. D. . Manembu, "Rancang bangun wahana pesawat tanpa awak (Fixed Wing) berbasis Ardupilot," *J. Tek. Elektro dan Komput.*, vol. 7, no. 1, pp. 73–84, 2018, [Online].
- [4] A. Nonut *et al.*, "A small fixed-wing UAV system identification using metaheuristics," *Cogent Eng.*, vol. 9, no. 1, 2022, doi: 10.1080/23311916.2022.2114196.
- [5] H. Al Hakim, "Analisis Aerodinamika pada Pesawat Nirawak MEGANTARA Menggunakan Metode CFD," 2024.
- [6] Z. Xu, Y. Zhang, H. Chen, Y. Hu, and L. Wang, "Research on precise route control of unmanned aerial vehicles based on physical simulation systems," *Results Phys.*, vol. 56, no. October 2023, 2024, doi: 10.1016/j.rinp.2023.107200.
- [7] L. WANG, J. WANG, J. AI, H. LIU, and T. YUE, "Suggestions for flying qualities requirements of autonomous control unmanned combat aerial vehicles," *Chinese J. Aeronaut.*, vol. 36, no. 11, pp. 42–57, 2023, doi: 10.1016/j.cja.2023.05.023.
- [8] J. Bange, J. Reuder, and A. Platis, *Unmanned Aircraft Systems*. 2021.
- [9] D. P. Raymer *et al.*, *Aircraft Design : A Conceptual Approach*. .
- [10] M. T. Nguyen, N. V. Nguyen, and M. T. Pham, "Aerodynamic Analysis of Aircraft Wing," *VNU J. Sci. Math. – Phys.*, vol. 31, no. 2, pp. 68–75, 2015.
- [11] K. Gore *et al.*, "Aerodynamic Analysis of Aircraft Wings Using CFD," *Int.*

- Res. J. Eng. Technol.*, pp. 639–644, 2018, [Online].
- [12] J. D. Anderson, *Fundamentals of Aerodynamics (6th edition)*, vol. 1984, no. 3. 2011.
- [13] F. Boat, “Jurnal Perhubungan Udara Gaya Hambat Saat Hidro Planing dan Gaya Angkat Aerodinamika Saat Cruise di Efek Permukaan pada Pesawat Wing in Surface Effect The Hump *Drags* During Hydro Planing and Aerodynamic *Lift* During Cruise in Surface Effect Altitude Of Win,” pp. 71–78, 2016.
- [14] B. R. Munson, D. F. Young, and T. H. Okiishi, *Fundamental of Fluid Mechanics*. 1994.
- [15] K. P. Mentor, “Studi Koefisien *Drag* Aerodinamika pada Model Ahmed Body Terbalik Berbasis Metode Numerik,” vol. 7, 2018.
- [16] M. C. F. D. Fluent, “Simulasi Numerik Aliran Fluida Pada Tingkat Pertama Turbin Uap Skripsi diajukan untuk melengkapi syarat memperoleh gelar Sarjana Teknik,” no. April, 2018.
- [17] W. Y. Tey, N. Azwadi, C. Sidik, T. Wah-Yen, Y. Asako, and G. Rui-Zher, “Governing Equations in Computational Fluid Dynamics: Derivations and A Recent Review,” *Prog. Energy Environ.*, vol. 1, no. January, pp. 1–19, 2017.
- [18] D. Adanta, I. M. R. Fattah, and N. M. Muhammad, “COMPARISON OF STANDARD k-epsilon AND SST k-omega TURBULENCE MODEL FOR BREASTSHOT WATERWHEEL SIMULATION,” *J. Mech. Sci. Eng.*, vol. 7, no. 2, pp. 039–044, 2020, doi: 10.36706/jmse.v7i2.44.
- [19] Q. Mo, H. Guan, S. He, Y. Liu, and R. Guo, “Guidelines for the computational domain size on an urban-scale VAWT,” *J. Phys. Conf. Ser.*, vol. 1820, no. 1, 2021, doi: 10.1088/1742-6596/1820/1/012177.
- [20] M. F. Hidayat, “Analisis Aerodinamika Airfoil NACA 0021 Dengan Ansys Fluent,” *Anal. Aerodin. Airfoil NACA 0021 Dengan Ansys Fluent*, vol. 10, no. 2, pp. 83–92, 2014.
- [21] J. Jansch and H. Birkhofer, “The development of the guideline VDI 2221 - The change of direction,” *9th Int. Des. Conf. Des. 2006*, pp. 45–52, 2006.
- [22] R. Löffler, S. Tremmel, and R. Hornfeck, “Development and Implementation

- of a Guideline for the Combination of Additively Manufactured Joint Assemblies with Wire Actuators made of Shape Memory Alloys,” *Procedia CIRP*, vol. 119, no. May, pp. 1–6, 2023, doi: 10.1016/j.procir.2023.02.125.
- [23] W. P. J, D. R. L, and Sutrisno, “Opsi,” *Optimasi Sist. Ind.*, vol. 11, no. 2, pp. 141–149, 2018.
- [24] C. D. Widiawaty and A. I. Siswantara, “KAJIAN ANALISIS ENGINEERING DENGAN METODE COMPUTATIONAL FLUID DYNAMICS,” vol. 14, no. 3, 2015.
- [25] S. Darmawan and H. Tanujaya, “CFD investigation of flow over a backward-facing step using an RNG k- ϵ turbulence model,” *Int. J. Technol.*, vol. 10, no. 2, pp. 280–289, 2019, doi: 10.14716/ijtech.v10i2.800.
- [26] I. Rumanto, S. Sunaryo, and A. Irfan, “Analisis Computational Fluid Dynamic (Cfd) Penyebaran Panas Pada Dapur Peleburan Alumunium,” *Device*, vol. 11, no. 1, pp. 34–39, 2021, doi: 10.32699/device.v11i1.1785.
- [27] N. Gupta, N. Bhardwaj, G. M. Khan, and V. Dave, “Global Trends of Computational Fluid Dynamics to Resolve Real World Problems in the Contemporary Era,” *Curr. Biochem. Eng.*, vol. 6, no. 3, pp. 136–155, 2020, doi: 10.2174/2212711906999200601121232.
- [28] W. K. Mok, W. K. Chow, and H. Kong, “‘ Verification and Validation ’ Computational Fluid Dynamics in Fire,” *Int. J. Archit. Sci.*, vol. 5, no. 3, pp. 58–67, 2004.
- [29] F. Stern *et al.*, *Verification and Validation of CFD Simulation*, no. 407. 1999.
- [30] G. Yudho, B. Nasution, Y. H. Yogaswara, and S. Jengkar, “6. Analisis Karakteristik Aerodinamika dari Berbagai Geometri Fin Bom 500 lbs dengan Metode Computational Fluid Dynamics (CFD),” *TNI Angkatan Udar.*, vol. 1, no. 2, 2022.
- [31] ANSYS Inc., “ANSYS Fluent Mosaic Technology Automatically Combines Disparate Meshes with Polyhedral Elements for Fast, Accurate Flow Resolution,” pp. 1–8, 2018, [Online].