

## DAFTAR PUSTAKA

- Aeroengineering. 2016. DESAIN STRUKTUR RANGKA PESAWAT TERBANG. <https://www.aeroengineering.co.id/2016/11/desain-struktur-rangka-pesawat-terbang/>. [12 November 2021].
- Airfoil Tools*. <http://airfoiltools.com/airfoil/details?airfoil=e395-il#polars>. [28 Oktober 2021]
- Anderson Jr, Jhon D. 1999. *Aircraft Performance and Design*. New York : *The McGraw-Hill*.
- Bintoro, Atik. 2016. *Wing Support Structure LSU03 UAV Strengthen For Dynamic Load*. *International Seminar on Aerospace Science and Technology IV*. LAPAN : *Aeronautics Technology Center, National Institute of Aeronautics and Space*.
- Budiyanta, Ari Sugeng, Teguh Pandoyo, Dony Hidayat dkk. 2013. *Engineering Development of Lapan Surveillance UAV-02 (LSU-02)*. *National Institute of Aeronautics and Space, Indonesia : Aeronautics Technology Center*.
- Dundar Ozgar, Mesut Bilici, Tarik Unler. 2020. *Design and Performance Analysis of a Fixed Wing Battery VTOL UAV*. *Engineering Science and Tachnology an International Journal*. 23 (2020) 1182-1193.
- Eichleay, Margaret, Emily Evens, dkk. 2019. *Using the Unmanned Aerial Vehicle Delivery Decision Tool to Consider Transporting Medical Supplies via Drone*. *Global Health : Science and Practice*. Volume 7. <https://www.ghspjournal.org/content/7/4/500>. [01 April 2021].
- F, Chris. <https://www.wattflyer.com/forums/showthread.php?t=24238>. [22 November 2021]
- Hidayat, Candra Nur. 2021. Analisis Struktur Wing Pesawat Udara Nir Awak (PUNA) Kargo Dengan *Payload* 500 kg Menggunakan *Software* ANSYS. Yogyakarta : Institut Teknologi Dirgantara Adisutjipto.
- Girsang, Rio Bonardo. 2014. Perancangan Awal Target Drone AD-05. Yogyakarta : Institut Teknologi Dirgantara.
- Karpowicz, Jeremiah. 2019. *What are the benefits and applications of heavy-lift*

*commercial cargo carrier drones?*

<https://www.commercialuavnews.com/infrastructure/heavy-lift-commercial-cargo-carrier-drones>. [02 April 2021].

Kolios, Athanasios, Stefano Proia. 2012. *Evaluation of The Reliability Performance of Failure Criteria for Composite Structures*. *World Journal of Mechanics* Vol 2. 162-170.

Maulana, Agus. 2019. Perancangan dan Analisis Kekuatan Struktur Pesawat Tanpa Awak Eagle –X Mirip Burung Menggunakan *Software* ANSYS. Yogyakarta : Institut Teknologi Dirgantara.

Maulana, Dede Satria. 2018. Perancangan Awal UAV Flying Wing S774-M Untuk Misi Pemantauan Aktivitas Gunung Merapi. Yogyakarta : Institut Teknologi Dirgantara.

Nugroho, Gesang, Ali Ashar RJ, dkk. 2016. Perancangan dan Simulasi Aerodinamika Pesawat tanpa Awak (*Unmanned Aerial Vehicle, UAV*) *Flying Wing* Elektrik dengan Material Komposit untuk Misi Pemantauan Bencana. *Proceeding Seminar Nasional Tahunan Teknik Mesin XV (SNTTM XV)*. 1-8.

Nurun.lecturer.uin-malang. 2013. Teknologi Material Komposit.

<http://nurun.lecturer.uin-malang.ac.id/wp-content/uploads/sites/7/2013/03/Material-Komposit.pdf>. [28 Desember 2021].

Shabeer, Murtaza. 2013. *Optimization Of Aircraft Wing With Composite Material*. *International Journal of Innovative Research in Science, Engineering and Technology*. Vol. 2.

Struktur Sayap Pesawat Udara (Aircraft Wing Structure). 2021.

<https://123dok.com/document/y91jkplq-struktur-sayap-pesawat-udara-aircraft-wing-structure.html>

Triana, Suciari. 2019. Modifikasi Material, Analisis Kekuatan Struktur dan Manufaktur Sayap Pesawat Trainer-5774. Yogyakarta : Institut Teknologi Dirgantara.

Putra, Renaldi Sermalida. 2020. Perancangan Awal *Cargo Drone* dengan *Payload* 500 Kilogram dan 1500 Kilometer. Yogyakarta : Institut Teknologi Dirgantara.

Raymer, Daniel P. 1992. *Aircraft Design : A Conceptual Approach*. Washington D.C:

*American Institute of Aeronautics and Astronautics, Inc.*

Roskam, Jan. 1997. *Airplane Design*. Kansas : Roskam Aviation and Engineering Corporation.

Sadraey, Mohammad H. 2013. *Aircraft Design : A Systems Engineering Approach*. USA : Daniel Webster College.

Sadraey, Mohammad H. 2020. *Design of Unmanned Aerial Systems*. USA : Daniel Webster College.

Santoso Djarot Wahju, Wawan Edi Saputra. 2020. Analisis Statik Kekuatan Struktur Pesawat UAV *Vertical Take Off-Landing* VX-2. Prosiding Seminar Nasional Teknologi Informasi dan Kedirgantaraan. Vol. VI.

Samosir, Jayent Hula. 2018. Perancangan Awal PUNA AD-01. Yogyakarta : Sekolah Tinggi Teknologi Adisutjipto.

Wulandari, Trisula. 2015. Perancangan Awal *Three Surface Unmanned Aerial Vehicle* (UAV). Yogyakarta : Institut Teknologi Dirgantara.

Zhonghuan, 2018. *Carbon fiber fabric*.

*Carbon fiber cloth, Carbon fiber fabric supplier (jloncomposite.com)*. [22 November 2021].