



DAFTAR PUSTAKA

- Anderson, J.D., 2001, *Fundamentals of Aerodynamic*, Third Edition McGraw-Hill Book Company, Inc, United State of America.
- Departemen Energi dan Sumber Daya Mineral, 2003, *Kebijakan Pengembangan Energi Terbarukan dan Konservasi Energi*.
- Departemen Energi dan Sumber Daya Mineral, 2004, *Statistik Energi Indonesia*.
- Dewanamprio, P., *Pembuatan dan Kalibrasi 5 hole probe dalam Medan Aliran Subsonik*, Thesis, Jurusan Teknik Penerbangan, Institut Teknologi Bandung, Bandung
- Dwinnell, J.H, 1949, *Principles of Aerodynamic*, First Edition McGraw-Hill Book Company, Inc, United State of America.
- Freris, L.L., 1990, *Wind Energy Conversion System*, Prentice Hall International(UK) Ltd, Cambridge.
- Hartono, F., 2007, *Karakteristik Medan Aliran dan Studi Kestabilan Pembakaran Non-Premixed pada Ruang Bakar Tubular dengan Aliran Putar*, Disertasi Doktor, Jurusan Teknik Penerbangan, Institut Teknologi Bandung,
- HPS, Sugiarmadji, dan Sebayang, D., *Preliminary design of a Wind Turbine Rotor for Battery Charger*, Wind Energi Research and Development Project, The Indonesian National Institute of Aeronautic and Space, Indonesia.
- Hau, E.. 2006. *Wind Turbines, Fundamentals, Technologies, Application, Economic*, Second Edition Springer-Verlag Berlin Heidelberg, Germany, hal. 79-100
- Ingram, G., 2005, *Wind Turbine Blade Analysis using the Blade Element Momentum Theory Method Version 1.0*, School of Engineering Durham University.
- Jauhary, M., 2006, *Prospek Pengembangan Sumber Daya Energi di Indonesia*, Economic Review No. 204 Juni 2006.
- Johansen, J. dan Sorensen, N.N., 2006, *Aerodynamic Investigation of Winglets on Wind Turbine Blade using CFD*, Riso National Laboratory Information Service Department, Roskilde, Denmark.



UNIVERSITAS
GADJAH MADA

KARAKTERISASI DAYA DAN POLAALIRAN TURBIN ANGIN KECEPATAN RENDAH DENGAN WINGLET

Sri Utami Handayani, Ir. Sutrisno, MSME., Ph.D.

Universitas Gadjah Mada, 2007 | Diunduh dari <http://etd.repository.ugm.ac.id/>

Johnson, G.L., 2001, *Wind Energy System*,

Kussmann, A., *Some Aspect of Wind Rotor Design, Rotor Blade Aerodynamic*, Deutsche Forschungs-und Versuchsanstalt fur Luft-und Raumfahrt e.V. Forschungszentrum Stuttgart, Institut fur Bauweisen-und Konstruktionsforschung, Stuttgart.

Maughmer, M.D., 2001, *The Design of Winglets for High Performance Sailplane*, AIAA Journal 2001-2406,

Mc.Cormick, B.W., 1995, *Aerodynamics, Aeronautics, and Flight Mechanics*, John Wiley and Sons, Inc, Canada, hal 139-146

Medici, D., 2005, *Experimental Study f Wind Turbine Wakes Power Optimisation and Meandering*, KTH Mechanics Royal Institute of Technology, Stolkhom, Sweden.

Molly, J.P., *Design Criteria of Horisontal Axis WECs*, Deutsche Forschungs-und Versuchsanstalt fur Luft-und Raumfahrt e.V. . Institut fur Bauweisen-und Konstruktions-forschung, Stuttgart.

Montgomerie, B. dan Dahlberg, J.A, 2003, *Vortex System Studies on Small Wind Turbines*, Swedish Defence Research Agency, Aeronautic Division, FFA, Stockholm, Sweden.

Nangia, R.K, Palmer, M.E, Doe, R.H, 2006, *Aerodynamic Design Studies of Conventional & Unconventional Wing with Winglets*, AIAA 2006-3460, 24th Applied Aerodynamic Conference San Francisco California.

Nybroe, C., *Blade Design*, [www. windmission.dk](http://www.windmission.dk).

Piggot, H., *Blade Design*, <http://www.windmission.dk/workshop/books.html>

Rashid, D.Md. Harunur, 2002, *Wake Survey Behind A Rotating entilating Rotor*, Master Thesis, School of Mechanical and Manufacturing Engineering, The University of New South Wales, Australia.

Shepherd, D.G., *Wind Power*, Sibley Shool of Mechanical and Aerospace Engineering Cornell University, New York.

Stiesdal, H., 1999, *The Wind Turbine Component and Operation*, Bonus Energy A/S, Brande, www.bonus.dk



KARAKTERISASI DAYA DAN POLAALIRAN TURBIN ANGIN KECEPATAN RENDAH DENGAN WINGLET

Sri Utami Handayani, Ir. Sutrisno, MSME., Ph.D.

Universitas Gadjah Mada, 2007 | Diunduh dari <http://etd.repository.ugm.ac.id/>

UNIVERSITAS
GADJAH MADA

Sunada, S., Sakaguchi, A., Kawachi, K., 1997, *Airfoil Section Characteristic at a Low Reynold Number*, Journal of Fluids Engineering, Transaction of the ASME.

Wood, D., 2002, *The Design and Analysis of Small Wind Turbine*, School of Engineering University of Newcastle NSW, Australia.

Yucel, B., 2004, *Performance Prediction of Horizontal Axis Wind Turbine using ortex Theory*, Thesis, The Graduate School of atural and Applied Science of Middle East Technical University