

AVIA Editorial Boards

Editor in Chief

Taufiq Mulyanto, [SCOPUS ID : 35234289500] Institut Teknologi Bandung, Indonesia

Managing Editor

Khairul Ummah, [SINTA ID : 6676442], Institut Teknologi Bandung, Bandung, Indonesia

Editor

Rachid Kadouche, [SCOPUS ID: 56024094300] University of Sherbrooke, QC – Canada

Joy Rizki Pangestu Djuansjah, [SCOPUS ID: 25936213100] Al-Imam Muhammad Ibn Saud Islamic University, Saudi Arabia

Irza Sukmana, [SCOPUS ID : 35757952700] Universitas Lampung, Indonesia

Djarot Widagdo, [SCOPUS ID : 6504366673] Institut Teknologi Bandung, Indonesia

A Yudi Eka Risano, [SCOPUS ID : 57193120416] Universitas Lampung, Indonesia

Behzad Fotovati, [SCOPUS ID : 57201686502] University of Memphis, TN – United States

Ainul Ghurri, [SCOPUS ID: 40461353600] Udayana University, Bali, Indonesia

Firman Hartono, [SCOPUS ID : 56966719000] Institut Teknologi Bandung, Bandung, Indonesia

Denni Kurniawan, [SCOPUS ID : 24724455500] Universiti Teknologi Brunei, Brunei Darussalam

IT Support

Christian Reyner, Institut Teknologi Bandung, Indonesia

Afri Yudamson, Universitas Lampung, Indonesia

Fauzi Ibrahim, Universitas Lampung, Indonesia

AVIA Editorial Office

DOPP Research Group FTMD – ITB Labtek II, 2nd Floor, Jl. E-ITB / Jl. Ganesha 10, Bandung, 40132, Indonesia

Phone : +62 812-2025-786 | Fax : +62-22-2534099 | Website : www.ftmd.itb.ac.id | E-mail : avia@ftmd.itb.ac.id

PREFACE

Nowadays technologies in the fields of aviation science and engineering play an important role in our daily life. Researchers from all over the world are involved in the development of technology and to design innovative solutions for various aviation and aerospace industries.

We believe that all the papers published in this issue will have a great influence on the aviation science and engineering fields in the technology industry. This issue content of 5 (five) papers from several universities y and research institutions in Indonesia.

We thank all of the authors, reviewers, and editorial members who contributed to this issue. We are looking forward to receiving more articles in the next following issues.

Best regards,

AVIA Editorial Bord

Table of Content

AVIA Editorial Boards		ii
Preface		iii
Table of Content		iv
Article 1	Development of an Aerial Fire Identification System Based on Visual Artificial Intelligence <i>H Afifa, K Ummah, J Sembiring</i> doi: 10.47355/AVIA.V3I2.48	45
Article 2	Design Modification of the Horizontal Tail and Performance Simulation of LSU-05NG Drone <i>A Vianto, S Tobing, K Hidayat</i> doi: 10.47355/AVIA.V3I2.49	51
Article 3	Required Navigation Performance (RNP) Analysis for ADS-B Data of Makassar-Jakarta Flight using Dot Product Method <i>N Ruseno, A Putra</i> doi: 10.47355/AVIA.V3I2.50	61
Article 4	Conceptual Design of Unmanned Piston-Propeller Cargo Aircraft <i>F F H B Wiarso, B D Febriansyah, G A Gintings, R D Muhammad, H Muhammad</i> doi: 10.47355/AVIA.V3I2.51	75
Article 5	Enhancement of Human Sensory and Motor Skills using Collaboration of Eye - Ear Focus and Body - Arm - Hand Gesture in No-Touch 3D Interactive Aircraft Game Engine <i>A Infantono, R Ferdiana, R Hartanto, B Zurianto</i> doi: 10.47355/AVIA.V3I2.xx	83