Project Code: \_\_\_48402\_\_\_\_

THE HONG KONG POLYTECHNIC UNIVERSITY

BEng(Hons) in Aviation Engineering

2023/2024

AAE4002/AAE4012 Capstone Project

Log Sheet

Development of Diversion Airport Advice System regarding to Emergency Landing

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| Academic Supervisor: | Dr. Kam K. H. NG |
| Date of Submission: | 2 January 2024 |

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| **Log Sheet**  Note: Students should submit the log sheet to the supervisor for signature per meeting during the project period. | | | |
| **Meeting Date** | **Brief description of purpose (including work performed by individual student) and major conclusions** | **Meeting Duration** | **Supervisor’s Signature** |
| 27 Sep 2023 | Meeting with supervisor to discuss the scope and objectives  Selection of flight path (HKG-SYD)  Feasibility of project (workable but high consumption of time) | 1 hr |  |
| 08 Nov 2023 | Discussion on WRAP model (only for calculating the kinematic motion)  Method of plotting 3D flight path in python | 1.5 hrs |  |
| 02 Feb 2024 | Weekly meeting:  Improvement of ideal trajectory sample  Seek for suggestion for flight path planning for long haul flight | 0.5 hrs |  |
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