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| Team Name :Aero kmitl  Institute : King Mongkut's Institute of Technology Ladkrabang  **Country :**  **ㅡThailand** | horizontal line 1. Figure of your UAV : 1.1  1.2  1.3  horizontal line  **2. Introduction/Background :** We are AERO KMITL TEAM from King Mongkut’s institute of Technology Ladkrabang in Bangkok, Thailand. Our team have 4 members and we are interested about create and develop the quad rotor. So, we decided to join this competition. No matter what will happen, we would love to say thank you AAVC for organise this project. We hope that we will gain more knowledge and experiences from this campaign to improve our expertise to be better and better.  horizontal line**3. What is your concept? :** Our concept are develop the loads capability and the speed efficiency. We are going to use the 6 - cells batteries for our quad rotor because it will produces more power in order to give faster speed and higher lift force in a short period of time.  horizontal line  **4. Specification of your drone :** Quad rotor  horizontal line  5. **Technical Information** : Lighter weight with higher performance. 5.1 Communication System : We are going to use AT9S remote to control our quad rotor. 5.2 Flight Control System : We are going to use Pixhawk 2.4.6 controller.  **5.3 Vision System** :We have camera and vertical gimbal.  **5.4 Payload of etc :** around 2 kg.    horizontal line |
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| List of Members 1. Dr. Suwin Saleesongsom  2. AVM.Kasem Harnchana  3. Pongthanet Sookbang  4. Kwankorn  Woravutrangkul  5. Chaibordinn Uttaraphayorm  6. Nicholas Heart Addison  7. Natapon Sriudomporn  F |