TERKURA Hemense

Loyola Jesuit College

Jss1

IF I COULD INVENT SOMETHING NEW

As a child, I always wanted to become a pilot. Always dreaming about this, and watching various social media uploads about it has always led me to one major problem we call plane crash. One of these tragic events that struck me, was a story of my school, Loyola Jesuit College. This was popularly called the Sosoliso plane crash.

This sad event took place on 10th December, 2005. However, this was about 8 years before I was born. On getting to Loyola Jesuit College in 2023, on my first week in the school I already began to hear and learn about this sad incident which the school holds a memorial Mass in honour of the Sixty Angels every 10th of December. Going over their story every year always makes me feel that if the airline had taken more safety precautions, that incident could have been avoided.

As I tried to think of a solution to this sort of problem, I realized that many more of such incidents are going on all around me. For instance, the Dana Air plane crash that claimed a lot of lives. From engine failures to unbearable turbulence, it is a pressing issue in air transport that I felt, needed to be solved to make air transport safer for everyone, and possibly the best means of transportation around.

As I went on, thinking about how to end this problem, I finally thought of something. An invention to help reduce the frequent occurrence of this challenge we face. I called it, A.A.A.E. This stood for, “Automated Auxiliary Aviation-based Engines.” In this idea of mine, aside the main engines of a plane, there would be 2 or 3 other engines, positioned almost directly beside the actual engines, but with some space in between for differentiation.

At the initial phase of take-off of the aircraft, these engines would be partially active, only working as a minor support while the main engines function. It will have a simpler control system than the main engines.

As I mentioned earlier, this is automated so it should always be activated, but running at its lowest capacity, so once there is a problem, it can be fully powered up, and the pilot continues flight, with a smooth intermission to avoid any sudden turbulence.

This invention will, of course, greatly improve the cost of aviation and aircraft maintenance. Also, it will greatly reduce the risk of plane crash, and the dangers of air travel, making it possibly the best means of transportation, being fast, efficient, and safe for use. I feel that the A.A.A.E can revolutionize transportation by air.