



**Abdul Ghani Abdul Samad** has twenty-five years of progressive and responsible experience in aircraft maintenance and engineering services. He pursues his License Aircraft Maintenance Engineer (FAA) in powerplant from the Southern Illinois University of Carbondale, the USA in 1982. Following graduation in 1982, he worked in Aircraft Inspection, Repair and Overhaul Depoh (AIROD) in a varying department. In 1985, he moved to RMAF Sungai Besi where he worked and supervises the maintenance program in preventive and corrective maintenance. From 1987 to 1992, he worked at RMAF Subang where he gained experience in Cessna 402B type aircraft and had the opportunity to participate in Paris-Langkawi-Paris air rally as a project engineer. From 1993 to 2003, he worked for Kulim Enterprise Sdn Bhd (Civil Engineering) as a project manager in planning, schedule and preventive maintenance on ground equipment, vehicle and machines. From 2003 to 2006, he joined the Malaysian Airlines System to maintain B777-200 and B747-400 in Subang. He is responsible in restoration, preventive and corrective maintenance. From 2006 to 2010, he worked at Jabatan Tenaga Manusia as an Instructor in the Aircraft Maintenance program which covers the BCAR section L syllabus which included Human Factor. From 2010 till now, he joined UniKL MIAT as specialist and successfully obtained CAA EASA Part 66, Aircraft Maintenance License B1.1 and also completed his first degree in Sport Science at OUM 2012, He graduated from UTM 2016 and obtained second degree in M'sc Business Engineering Management, his thesis is Preventing Human Error in Part 145 & 147 using Dirty Dozen models. DCAM & EASA Part 66 Module 9 (Human Factor) and Module 10 (Air Legislations) courses were among the major subject he taught in UniKL MIAT and also at Wester Helicopter, Admal Engineering, Institute Kemahiran Belia Negara (IKBN), Royal Malaysian Air Force (RMAF), ITAS Kepala Batas, HRD Aero System, UTC Hamilton Standard, Sunaero Sdn Bhd, Global Turbine Asia (GTA) and Destiny Aviation. Due to his experience and services in aviation, in 2013 he was sent to Eurocopter Kassel in Germany to attend the maintenance management course for EASA B1.3 modules. In July 2018 he presented his thesis paper "A Review on Human Factor Identification Models in Preventing Human Errors for Aircraft Maintenance" at ITC-CSCC 2018 Conference in Chulalongkorn University Bangkok. On 7th till 8th August 2018, he presented his thesis paper in "Preventing Human Error At Approved Training Organization Using Dirty Dozen Models" at Aerotech (UPM) Conference at Marriot Hotel in Putrajaya, Kuala Lumpur. He has 10 academic publication research journal which had been published in SCOPUS. Due to the interest of Human Factor research ergonomic, he pursues his Ph.D. and will present his thesis paper "Evaluation the mental workload of human performance by measuring the biodynamic response using the non-intrusive method" in mid-2021. He is currently working as a specialist at UniKL MIAT.