

CURRICULUM VITAE



I STARTED MY CAREER AS A TRAINEE TECHNICAL SERVICES ENGINEER WITH MALAYSIA AIRLINES. DURING THIS PERIOD OF ALMOST 15 YEARS OF SERVICE, I HAVE GAINED A LOT OF EXPERIENCE IN THE AVIATION CIRCLE AND HAVE UPON THE YEARS COLLECTED INVALUABLE KNOWLEDGE IN THE AVIATION INDUSTRY. INITIALLY AS A TECHNICAL SERVICES ENGINEER, I HAVE TO DO ALL SORT OF WORKS FROM A TO Z MANAGING RESOURCES FROM DIFFERENT DEPARTMENTS TO GET THE JOB DONE. I HAVE PROVEN MY ABILITY IN THE AVIATION INDUSTRY. NOW, I AM A PRINCIPAL SPECIALIST TRYING TO MERGE THE KNOWLEDGE AND PRACTICAL EXPERIENCE IN AVIATION INDUSTRY WITH THE EDUCATION FIELD IN A UNIVERSITY FIELD.

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IDENTITY CARD : 690710-10-5933

DATE OF BIRTH : 10TH JULY 1969

HEIGHT : 1.70 M

WEIGHT : 93 KG

STATUS : MARRIED WITH ONE DAUGHTER.

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EDUCATION

1990-1992	Attended UNIVERSITY OF MANCHESTER, UNITED KINGDOM. BACHELOR OF ENGINEERING (HONOURS) IN AERONAUTICAL ENGINEERING. SECOND CLASS DIVISION ONE/UPPER. Date of Graduation : July 1992
1989-1990	Attended NORTHERN CONSORTIUM OF UNITED KINGDOM at Shah Alam. First Year Exam. Date of Graduation : December 1990
1986-1989	Attended COLLEGE OF PREPARATORY STUDIES FOR A-LEVEL at Damansara Utama. Date of Graduation : July 1989.
1986	Sijil Pelajaran Malaysia (SPM) – Sekolah Menengah Petaling, Kuala Lumpur.
1984	Sijil Rendah Pelajaran (SRP) – Sekolah Menengah Dharma, Kuala Lumpur.

WORKING EXPERIENCE

AUG,2006 – NOW	Designation : PRINCIPAL SPECIALIST, UniKL-MIAT
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	<p>President of “ Kooperasi kakitangan UniKL MIAT ” 2010/2011.</p> <p>Project leader of “1ST MARA INTERNATIONAL AEROSPACE INDUSTRY SYMPOSIUM” held in Royale Chulan Hotel Kuala Lumpur from 18th Mac 2014 to 20th March 2014. The trust to lead this symposium by MARA and collaborated with Institut Aéronautique et Spatial, a reknown technical university from France is the testament of the ability to manage a premier event.</p> <p>Project leader of AVCEN, Co U.K – MIAT team. (The Joint Coop in developing the POC for new aircraft called Jetpod). MIAT developed the open test cell facilities for a low bypass turbo fan engine.</p> <p>Head of Centre Of Industries Linkages (COIL) in Subang. (The link between aviation industry and excess to University’s facilities.)</p> <p>Head of Research Cluster (Transport) 1996 - 2009.</p> <p>Lecturer in Physics & Basic Aerodynamics subject for Diploma and Degree program.</p> <p>Manager, Compliance Verification of Centre for Aerospace Design (CAeD Sdn Bhd).</p> <p>Director for Aerokinetics Sdn Bhd, an INCUBATOR(Engine Overhaul Centre) with UniKL-MIAT.</p> <p>Board of Director for ADMAL Aviation College, a franchisee for diploma programs of Universiti Kuala Lumpur in the maintenance field.</p> <p>Managing Director for Lizaraz Agency, a weight and balance services company for general aviation. Have done almost all general aviations airplanes. Customers include Asia Pacific Flight Training (APFT), Malaysian Flying Academy (MFA), Johor Flying Club, ADMAL sdn bhd, Jet Asia Singapore, Hawker Pacific....etc</p>
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EXPERIENCE

1993-JULY, 2006

Joint Malaysian Airlines as a Trainee Technical Services Engineer for one and half years.

Established as Technical Services Engineer in Operations Engineering section of Technical Services Department in July 1995.

1993-JULY, 2006

Completed all MAS technical courses undergone by Licensed Engineer (1993)

Registered with Board of Engineers Malaysia (1995)

Became the approval holder of Category 2 of Department of Civil Aviation in 2001.

Became the approval holder of Category 1 of Department of Civil Aviation in 2003 – the highest category of approval issued by Department of Civil Aviation (Airworthiness Division).

Weight and Balance

Main person for MAS aircraft reweighings (B727,B737 All series, A330-300 ,B747-200, B747-400 and DCA approval holder for Malaysian registered aircrafts.

carried out many reweighing of aircrafts for third party work including the work for Air Maldives, Transmile, Berjaya Air, Sempati Airlines, Mandala Air, Continental Airlines, numerous China airlines, Jet Airways and Airasia.

In charge of all matters pertaining Trim chart and loadsheet for all MAS stations

In charge of all matters pertaining cargo operations – advise the cargo payloads and any other technical matters in dispute.

Technical publications.

In charge of all matters pertaining Minimum Equipment List (MEL) – from the drafting to coordinating the MEL Review Meeting on behalf of DCA.

In charge of all matters pertaining Airplane Flight Manual (AFM) – from drafting to getting the approval from DCA and coordinating any urgent matters.

The main person of contact with regards to Flight Crew Operations Manuals (FCOM) Technical matters which needs clarifications and verifications.

In charge of all matters pertaining to Weight & Balance Manual – revisions and technical analysis.

EXPERIENCE

1993-JULY, 2006

Aircraft Performance.

In charge of all matters pertaining Fuel Padding – including the determination of extra fuel to be carried for certain destinations..

In charge of all matters pertaining Flight Operations (aircraft performance software – takeoff charts, escape procedure).

Main coordinator in getting the RVSM, RNP10 and BRNAV approvals for all MAS aircrafts. This is done via testing and declaration to DCA.

Person in charge in determining whether certain aircraft can operate over the airport runway or not based on the published airport data by the airport authority or Jeppesen.

The person in charge responsible of carrying out the fuel saving programme (within engineering division) via weight reduction exercise eg. Potable water..etc.

The responsible engineer to conduct the 45 minute transit time exercise via checking on the brakes temperatures. This is done in collaboration with Boeing SZB representative through out selected routes in Malaysia.

Flight Testing.

Main person on behalf of DCA in producing all type of test flight schedule including C of A test flight, being an observer (record the test flight results) and submitting to DCA for approval for all MAS aircrafts.

Main person to coordinate for test flight schedule involving STC, modifications or any other tests required by DCA.

Coordinator for Flight crew, DCA and manufacturers or vendors for specific requirements on flight testing.

The main person to coordinate the flight testing for MAS B747-400 VVIP lavatory smoke detector testing during the seat refurbishment programme. This is done in collaboration with the vendor in charge and Malaysia DCA (Airworthiness Division).

The responsible engineer to provide report on the flight testing for 9M-MRA tail-strike incident in Zurich, Switzerland. This was a major repair work done by Boeing team to change its bulkhead.

EXPERIENCE

1993-JULY, 2006

Operations Engineering

Main person in coordinating all technical services matters in newly delivered aircrafts eg. B777-200, B747-400, A330-300 and A380 (On-going).

<p><u>EXPERIENCE</u></p> <p>1993-JULY, 2006</p>	<p>Coordinator for technical services department in providing data for MAS AOC for Malaysian DCA.</p> <p>Main person for Operations Engineering section in getting the first STC design approval with extensive collaborations with Malaysian DCA and the vendor eg.</p> <p>MAS seat reconfiguration and cabin refurbishment for B747-400 and B777-200.</p> <p>MAS VVIP lavatory testing and commissioning with collaboration with vendors and DCA.</p> <p>MAS Boeing Business Jet (BBJ) main person for testing and functional checks including communication systems in Switzerland after interior refurbishment.</p> <p>The person in charge for collaboration with Boeing engineer to do technical analysis on MAS Polar Route viability. This includes the fuel freezing aspects and circling the North Pole to test the navigations and communications aspects of the aircraft systems.</p> <p>Evaluating the Service Bulletin (SB) for Operations Engineering sections.</p> <p>Producing numerous reports and board papers for MAS aircrafts modifications.</p> <p>Part of a rescue team for DHC6 aircraft in Long Semado, Sabah. The aircraft was in the ditch with its damaged nose wheel.</p> <p>Part of investigation team during 9M-MRA tail strike incident in Zurich, Switzerland. This involved a major repair done by Boeing team in-situ involving bulkhead change.</p> <p>The main person to carry out technical evaluation of an airport/runway for new MAS destinations including the runway strength and facilities.</p> <p><u>Courses, Meetings and Conferences</u></p> <p>Boeing General Performance Course, Seattle , Washington, USA. (1995)</p> <p>Boeing Specific B737 Performance Course, Seattle , Washington, USA. (1995)</p>
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1992-1993

REFEREES

Boeing Advance Aircraft Performance Course, Seattle Washington, USA. (2002)

Representing MAS on the meeting with Rolls Royce and Boeing on Fuel Mileage Guarantee Performance for aircraft 9M-MRC – discrepancy between Guaranteed value and aircraft performance audit.

Airbus Flight Operations and Technical Meeting, Malaga, Spain. (1997).

Representing MAS on numerous meetings (approx 15) on A380 MMEL with Airbus, France DGAC, FAA and other main operators – Toulouse, France (2004 – 2006).

Attended numerous meetings in Kuching, Sarawak as part of the evaluation team in providing report to extend runway in Sibu and Mulu. This was the cooperations with Sarawak State Government and its Tourism Board.

A member of MAS Evaluation Team to conduct study on Polar Route viability including flight trial into north pole with B777-200 aircrafts (2002).

Attended a special course on Design Organization Approval & Modifications and Repair Approval Workshop conducted by Department of Civil Aviation Malaysia, September 2006.

Joint SME Aviation, Sg. Buloh as Technical Services Engineer.

(1) Hj. Ahmad Zahir Mokhtar

Deputy President (Technopreneur and Student Affairs),

Universiti Kuala Lumpur.

(2) Ir. MOHD. DALI ISA

Colleague, Former Deputy Dean UniKL,

Malaysia Institute of Aviation Technology (MIAT) Sepang, Selangor D.E.