



# SYED IBRAHIM FIRUZAMAN ALSAGOFF

## PROFILE

Senior Design Engineer with experience in both Sales and Marketing. Dynamic person with great interpersonal skills and able to communicate effectively with customers from all social background. Experienced in military and civilian aircraft - both fixed and rotary wings. Well-versed in CAAM as well as DGTA regulations. Instrumental in providing effective solutions that produce immediate impact and contribute to the establishment's long-term success.

## CONTACT

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012-5205525

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ibrahim\_alsagoff@yahoo.com

## ENGINEERING SKILLS

### SOLIDWORKS 3D CAD Software

Level: Experienced

### CATIA 3D CAD Software

Level: Intermediate

## WORK EXPERIENCE

### Senior Design Engineer

#### Airod Sdn Bhd

May 2019–Present

- In charge of engineering for US Marine Corps (USMC) KC-130J transport/tanker aircraft undergoing PMI at AIROD Sdn. Bhd.
- Responsible for providing engineering technical support to ensure continued airworthiness of the aircraft
- Sole authorised personnel in the organisation to carry out aircraft weighing on USMC KC-130J aircraft
- Developed and proposed repair scheme for USMC KC-130J aircraft
- Studied, produced, and proposed to RMAF repair scheme and corrosion control programme for Pilatus PC-7 MkII aircraft

### Senior Design Engineer

#### Aviation Design Centre Sdn. Bhd.

June 2009– May 2019

- In charge of engineering for USMC KC-130J transport/tanker aircraft from 2016 to 2019
- Sole authorised personnel in the organisation to carry out aircraft weighing on USMC KC-130J aircraft
- Developed repair scheme for severely corroded belly skin on Unit Udara BOMBA Mi-17 and Mi-17-1 helicopters
- Performed alignment and symmetry checks on RMAF BAe Hawk, Hercules C-130, and Pilatus PC-7 aircraft
- Carried out aircraft surveys on possibility of recovering aging Myanmar Air Force PC-7 and PC-9 aircraft

### Senior Executive (Sales)

#### NAZA Brabus Sdn. Bhd.

Jan 2008 - May 2009

- Sold various brand-new Mercedes-Benz and BRABUS cars

### Senior Executive (Marketing)

#### AIROD Sdn. Bhd.

Feb 2006 – Dec 2007

- Lead a team of engineers and technicians in surveys to recover aging Myanmar Air Force Alouette helicopters
- Won the contract for Myanmar Air Force PT-6 engine overhaul

### Junior Engineer (Aeronautical)

#### AIROD Sdn. Bhd.

May 2002 – Jan 2006

- Solved engine oil leak problem on RMAF S61A-4 Nuri helicopters
- Carried out alignment and symmetry checks on RMAF BAe Hawk and Pilatus PC-7 aircraft
- Prepared investigation report on RMAF PC-7 engine surge problems

## INTEREST

- Repair and restoration of old classic cars from the 60s – 80s
- Golf

## REFERENCES

### **Raja Ir. Jamil Ariffin Idris (SPCM)**

Principal  
RJA Consultant

OFF: 603 77336994

### **En. Abdul Malek bin Abdul Samad**

Senior Supervisor Aircraft  
AIROD Sdn Bhd

HP: 012-2390646

## ACADEMIC QUALIFICATION

### **Bachelor of Science in Aerospace Engineering**

University of Southern California, Los Angeles, CA, USA.  
Sept 1999 to May 2001

### **Bachelor of Science in Applied Mathematics**

Hawaii Pacific University, Honolulu, HI, USA.  
Jan 1996 to May 1999

## PROFESSIONAL COURSES ATTENDED

Date	Course/Training Description	Conducted/ Certified By:
12-13 Feb 2018	BEM Safety Health at Work	BEM
7-8 Aug 2017	Code of Ethics	BEM
14 Jan 2016	DOA AN96	ADC
14 Jan 2016	DOA Walk Thru Case Study	ADC
5-8 Oct 2015	Aircraft Weight & Balance System (US Naval Air Facility, Atsugi, Japan)	US NAVY
8 Apr 2015	Beechcraft B200T Gen Fam (Inst)	ADC
8 Apr 2015	Beechcraft B200T Gen Fam (Avionic)	ADC
31 Mar 2015	Beechcraft B200T Gen Fam (Elect)	ADC
30 Mar 2015	Beechcraft B200T Gen Fam (Airframe)	ADC
30 Mar 2015	Beechcraft B200T Gen Fam (Engine)	ADC
24 Feb 2014	STC Embodiment	Ir. Nizam
9-13 Dec 2013	C130H Gen Fam (Elect)	ADC
9-13 Dec 2013	C130H Gen Fam (Radio)	ADC
9-13 Dec 2013	C130H Gen Fam (Inst)	ADC
9-13 Dec 2013	C130H Gen Fam (Airframe)	ADC
9-13 Dec 2013	C130H Gen Fam (Engine)	ADC
21-25 Jan 2013	EASA Airworthiness Certification CS-23, CS-25, CS-27, CS-29	ADC Ltd
14-18 Jan 2013	EASA Part 21 DOA & Cabin Safety	ADC Ltd
Nov 2012	ISO 9001: 2008 Refresher	ADC
Aug 2011	CATIA V5R18 Training	Feiran
Jun 2011	SolidWorks 2011 Basic & Simulation Training	IME
Jul 2005	8 <sup>th</sup> International Sea King Symposium at Halifax, Canada	Sikorsky
May 2005	Aircraft Structural Repair & Analysis for Engineers	AIROD
May 2005	Fatigue Fracture Mechanics and Damage Tolerance	AIROD
Apr 2005	Boeing 737-400 Ground Handling	MAS
Mar 2005	Boeing 737-300/400/500 General Familiarization	MAS
May 2004	Technical Airworthiness Management Manual (TAMM)	AIROD
May 2004	ISO 9001: 2000	AIROD
August 2003	Aircraft Corrosion Control	AIROD