



Strand Aerospace Malaysia Sdn Bhd
738526-M

COMPANY PROFILE



“Empowering Excellence in Aerospace Structures Technology through
Applied Knowledge”

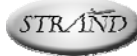
Canna Block, Cyberview Lodge, Cyberjaya, 63000, Selangor Malaysia
Airbus Approval Number 300135



Strand Aerospace Malaysia (SAM)

“Empowering Excellence in Aerospace Structures Technology through Applied Knowledge”

1. MESSAGE FROM THE CHAIRMAN.....	2
2. OUR BELIEF	4
2.1. VISION	4
2.2. MISSION	4
3. WHO WE ARE	5
4. SERVICES	7
4.1.1. Structures analysis.....	7
4.1.2. In-service support	7
STRAND AEROSPACE MALAYSIA’S RECENT PROJECTS.....	7
STRAND AEROSPACE MALAYSIA’S RECENT PROJECTS.....	8
5. KEY PERSONNEL	9
5.1. CHAIRMAN DATUK DR. AHMED TASIR LOPE PIHIE.....	9
5.2. CHIEF EXECUTIVE OFFICER: ANTHONY BEDBOROUGH MSc	9
5.3. CHIEF OPERATING OFFICER: NAGUIB MOHD NOR MSc BEng	9
5.4. CHIEF STRUCTURAL ENGINEER: DR. HAJI SHAIBATUL HAMD MACCI.....	10
5.5. CORPORATE ADVISORS	10



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1. Message from the Chairman



Datuk Dr Ahmed Tasir

Datuk Dr. Ahmed Tasir Lope Pihie was the Secretary to the Malaysian Aerospace Council (Chaired by the Prime Minister of Malaysia) up to 2008. He is the architect of the Malaysian Aerospace Blueprint which plans the development of all sectors of the industry.

"The Malaysian aerospace industry is a strategic but open industry that allows participation of companies from all over the world. In recent years, the industry has tended towards risk sharing ventures with projects like the A380, A400M and Boeing 787. This scenario requires companies intending to embark on such projects to position themselves on a higher strategic platform with competitive advantages such as technical know-how.

Strand Aerospace Malaysia (SAM) embodies this paradigm shift in the industry by focusing on higher-value upstream aerospace activities. As a knowledge-based organisation, the company relies on its intellectual capital (e.g. in house knowledge databases and training systems) as the source of its competitive advantage. To this end the company aspires to become the national repository for aerospace structures knowledge and to play its part in accelerating the transformation of the Malaysian Aerospace industries landscape to that of increasingly higher-value activities.

The presence of SAM will enable Malaysian engineers to become primary structures signatories as well as expedite the bringing of primary structures work to Malaysia. This in turn can increase the attractiveness of the Malaysian Aerospace Industry, for investors, industry players and employees alike.



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SAM with the help of the Government of Malaysia is poised to attain the critical mass needed to quickly establish itself as a key supplier of aircraft engineering services to the global aerospace market. Its goal is to become the focal point for the global aerospace industry in the Asian region."

A handwritten signature in black ink, appearing to read "Datuk Dr Ahmed Tasir Lope Pihie".

Datuk Dr Ahmed Tasir Lope Pihie
Chairman
Strand Aerospace Malaysia



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2. Our Belief

2.1. Vision

"Empowering Excellence in Aerospace Structures Technology through Applied Knowledge"

2.2. Mission

- To become a national repository for aerospace structures knowledge
- To enable human capital development & to help lead the globalization of the national aerospace industry





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3. Who We Are



Naguib Mohd Nor

Strand Aerospace Malaysia Sdn Bhd (SAM) is an Airbus Approved specialist aerospace structures analysis company. It is part Bumiputra owned and is also an MSC Status company. SAM was set up in June 2006 and is led by its Chairman, Datuk Dr. Ahmed Tasir and its Chief Operating Officer, Naguib Mohd Nor. Naguib also functions as Engineering Group Leader and Engineering Quality Manager. SAM's CEO, Anthony Bedborough fulfills an advisory role

from the UK.

Prior to setting up SAM, Naguib was the General Manager of SAM's sister company Stress Analysis & Design Engineering UK Ltd (Strand UK). The two companies combined make up the Strand Group. The Strand Group represents nearly 500 years of technical experience in primary aero structures covering static analysis, fatigue and damage tolerance analysis (F&DT), finite element analysis (FEA), composite structures analysis, design, in-service support, and aircraft structural integrity.

Naguib leads a 100% Malaysian team, responsible for performing structural analysis on primary aircraft structures for European companies like: Airbus, GKN Aerospace and ATKINS Aerospace. Recently, SAM was acknowledged by a major UK client as being amongst their top suppliers in terms of quality and delivery.

In Malaysia SAM supports Composite Technology Research Malaysia (CTRM) on their work for Airbus. SAM and CTRM are working together on behalf of the Government of Malaysia to develop the Malaysian Aerospace industry.



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SAM's Chairman Datuk Dr. Ahmed Tasir Lope Pihie is working with its directors to ensure that the company develops into a premier engineering services provider in Asia.



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4. Services

SAM's experience covers a wide range of structures analysis competencies. The majority of our work is on Primary Aircraft Structures.

4.1.1. Structures analysis

- Static analysis (metal and composite components)
- Fatigue analysis (metal and composite components)
- Damage tolerance analysis (metal and composite components)
- Finite Element Analysis (FEA)
- Test support & strain gauge correlation
- Structural report, type record & ACD production
- Structural Repair Manual (SRM) production
- Manufacturing concessions analysis

4.1.2. In-service support

- In service repair justification
- Military Aircraft Structural Integrity Programs (ASIP)










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Strand Aerospace Malaysia's Recent Projects

	<ul style="list-style-type: none">• A380 rear spar static analysis• A380 rear spar F&DT analysis• Concessions on various types
	<ul style="list-style-type: none">• A380 rear spar flap loads assessment• A330 ribs, flaps and main landing gear support structure F&DT
	<ul style="list-style-type: none">• A320 fleet life extension analysis covering ribs, spars and skins
	<ul style="list-style-type: none">• A350 main landing gear component sizing
	<ul style="list-style-type: none">• A380 composite fixed leading edge panels analysis and production of structural repair manual analysis



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5. Key Personnel

5.1. Chairman Datuk Dr. Ahmed Tasir Lope Pihie

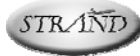
Datuk Dr. Ahmed Tasir's name has been synonymous with the development of the Aerospace Industry in Malaysia. Up to 2008 he was the founder and CEO of the Malaysian Industrial Group for High Technology (MiGHT) where he was responsible for the National Aerospace Blueprint. He is also the secretary to the Malaysian Aerospace Council. Through the years he has been instrumental in orchestrating and planning the development of the national aerospace industry and has been a central representative for the Malaysian government for international aerospace missions and events.

5.2. Chief Executive Officer: Anthony Bedborough MSc

Anthony Bedborough has more than 20 years of experience working in aerospace. Overseas, he has worked on development aircraft for Boeing in Seattle and has run an aircraft design office in southern Germany, supporting Dornier GmbH. In the UK, he has established his name working for numerous aircraft sites such as GKN Westland Helicopters; BAe Woodford and Prestwick and Airbus Filton. Anthony is also an Airbus primary structures signatory.

5.3. Chief Operating Officer: Naguib Mohd Nor MSc BEng

Naguib is both a technical engineer, and the person in charge of engineering quality assurance to the EN/AS/SJAC 9100 Aerospace standard for SAM and Stress Analysis & Design Engineering Ltd. In two years time Naguib will be the first of SAM's engineers with enough years of experience (minimum 10 years) to qualify to hold Airbus Engineering Signatory approval on Primary aircraft structures. Naguib has done technical work for amongst others, Airbus UK,



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Airbus North America, UK Ministry of Defense, GKN Aerospace and ATKINS Aviation.

Naguib was educated up to secondary level in St Johns Institution Kuala Lumpur and then went on to pursue a degree in Aerospace Engineering at UMIST in Manchester and a Masters in Aircraft Design from the Cranfield College of Aeronautics.

5.4. Chief Structural Engineer: Dr. Haji Shaibatul Hamd Macci

Dr Macci has over 20 years of experience in the Aerospace industry designing, analyzing and evaluating aerospace structures. He has vast experience in Aircraft Structural Integrity Programmes having served as a consultant for the Royal Australian Air Force and has successfully led aircraft life extension programmes for the Pakistani Air Force. His experience includes ASI data processing and analysis, Technical Airworthiness, ASI philosophy, Certification and design standards, Metallic and Composite Structures Analysis and Design. Some of the aircraft he has worked on are A380, Eurofighter Typhoon, Joint Strike Fighter, P-3 Orion, Mig-17, Caribou, Multi Role Helicopter – 90.

5.5. Corporate Advisors

Brig Gen (RTD) Dato' Mohammad Tazaai Lope – Defence

General Dato' Tazaai was the previous Assistant Chief of Staff (Engineering) for the Royal Malaysian Air Force.



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Raffick Mohd Nor - Civil

Raffick has been involved in the aerospace industry for more than 40 years starting working life as a MAS Licensed Aircraft Engineer. Through the years he has participated in the development of the local aerospace industry by running a successful private pilot training school and the one time head of the General Aviation interest group for MiGHT.



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Certificates


AIRBUS
Certificate of Approval

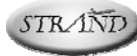
STRAND Aerospace Malaysia Sdn. Bhd.
Canna Block,
Cyberview lodge Resort & Spa,
Persiaran Multimedia,
63000 Cyberjaya, Selangor
Malaysia

Approval Number 300135

Is hereby granted Approval in accordance with AP 2131 Module 5.1 for the supply of Design Engineering Services to Airbus from the address and within the Scope of Approval and Conditions detailed in Letter of Approval D08012972/EMQM/SDT




 Mr D Townsend PBQ – Airbus U.K Filton	 Mr S D Threasher EMQM – Airbus U.K Filton
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**MSC MALAYSIA STATUS
CERTIFICATE**


The Government of Malaysia hereby awards
MSC Malaysia Status to


STRAND AEROSPACE MALAYSIA SDN BHD
.....
effective date **13 July 2006**

**for having fulfilled the necessary set of
criteria in meeting the objectives of the
MSC Malaysia**

MSC Malaysia Status entitles your company to the incentives, rights and
privileges provided for under the **Bill Of Guarantees** subject to your
company's continued adherence to the aforementioned criteria

.....


 Minister of Finance
Malaysia


 Minister of International Trade
and Industry
Malaysia

**MSC MALAYSIA
BILL OF GUARANTEES**

1. To provide a world-class physical and information infrastructure.
2. To allow unrestricted employment of local and foreign knowledge workers.
3. To ensure freedom of ownership by exempting companies with MSC Malaysia Status from local ownership requirements.
4. To give the freedom to source capital globally for MSC Malaysia infrastructure, and the right to borrow funds globally.
5. To provide competitive financial incentives, including Pioneer Status (100 percent tax exemption) for up to ten years or an Investment Tax Allowance for up to five years and no duties on the importation of multimedia equipment.
6. To become a regional leader in Intellectual Property Protection and Cyberlaws.
7. To ensure no censorship of the Internet.
8. To provide globally competitive telecommunications tariffs.
9. To tender key MSC Malaysia infrastructure contracts to leading companies willing to use the MSC Malaysia as their regional hub.
10. To provide a high-powered implementation agency to act as an effective one-stop super shop.

Certificate Number : 1431

