



AVIATION
SAFETY & SUSTAINABILITY
CONFERENCE

AVIATION SAFETY & SUSTAINABILITY CONFERENCE

19th APRIL 2015

AT AVIATION CLUB-OPERA HALL-CAIRO, EGYPT

Moving Beyond Compliance



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Chairman Message



Dear Professionals

It is our great pleasure to welcome you to the Aviation Safety & Sustainability Conference organized by Alsafwa Aviation Association. The conference will provide participants with an excellent opportunity to share and learn from each other's experiences, particularly in aviation safety.

The establishment of an international overarching framework SMS (Safety Management System) is pursued by ICAO, requiring contracting states, including Egypt, to establish their own SMS. This in turn implies that the civil aviation industry in Egypt needs to adopt an approach which ensures that aviation safety processes in Egypt are properly synchronized and fully compliant with international safety requirements and standards. Such approach should secure the development of evaluation and benchmarking methods that would help putting the Egyptian aviation organizations on the sustainability track .

Along the same lines, aviation companies would be required to adopt a systematic approach to managing safety, through creation of necessary organizational structures, accountabilities, policies and procedures, so that they could identify safety risks and how to bring these risks to the minimum. An aviation company, whether airline or service provider, would definitely become more profitable if associated with systems that lead to higher sustainable safety levels within its practice.

The Aviation Safety & Sustainability conference looks forward to teaming up with colleagues from civil aviation authority, airlines, and international companies whose products and services contribute to the safety of air travel in order to share ideas and initiatives and conclude productive recommendations for safe, secure, sustainable and efficient air travel.

Thank you again for sharing this event with us and I wish you all a successful and rewarding conference.

Hussein Massoud

**Chairman
Alsafwa Aviation Association**

About Alsafwa Aviation Association



✈ Vision

Our Vision is to be a leading house of expertise in the field of aviation at the national, regional and international levels.

✈ Mission

Drawing on the wide academic, technical, and field competencies of Alsafwa members to enhance performance of the aviation industry.



✈ Our core values

- Integrity
- Honesty
- Impartiality
- Fairness
- Credibility

✈ Our guiding principles

- Respecting and promoting the respect of laws and legislations
- Ethical behaviour
- Transparency
- Accountability
- Respecting the rights of all stakeholders
- Safety as a Human right



Profile



ALSAFWA is an Egyptian non-governmental organization, not-for-profit, established in 2002. It was founded by ex-Egyptian air force aviation engineers when membership was offered only to ex-air force engineers. In 2007 membership was extended to include retired engineers of all armed forces branches of various specialties. ALSAFWA members have grown in number to reach 583 engineers, in aviation and other specialties, who created an outstanding body of expertise in a wide range of disciplines covering almost all fields of engineering within the aviation industry and beyond.

ALSAFWA ventures are not limited to only engineering and aviation sectors, it extends also to IT, HR, and specialized training, all of which are made available for its members and the society along with cultural and recreational activities as part of ALSAFWA professional and social responsibilities.

Some of ALSAFWA accomplishments are: "Aviation Industry-Time, Speed & Agility Summit" in December 2005, participating in AVEX Conference in Sharm El –Sheikh in March 2006, organizing "Aviation Management & Technology in Egypt" summit in June 2006. In addition, ALSAFWA has organized more than 37 professional, cultural, and social events that included seminars, lectures and discussion groups in the fields of Aviation, Management, Training, culture, and social aspects.

ALAFWA is committed to its mission and is continuing with its activities and services towards attaining its vision.

About the Conference

Over the past few decades, aviation industry has witnessed continuous evolution in safety standards and safety regulations thus leading to the development of the current comprehensive safety and sustainability management systems. Throughout this evolution, the ultimate objective has been attaining the highest levels of flight safety and assuring sustainability thereto.



Advancements in aviation technology, such as introducing more reliable engines and navigation systems have considerably led to significant reduction in aviation occurrences and accident rates, where the majority of today's accidents became more and more attributed to human or organizational factors. Accordingly, safety and sustainability management systems emerged as sound sources of the most promising means for preventing these types of accidents.

A systematic approach to managing safety, including creation of necessary organizational structures, accountabilities, policies and procedures helps companies identify safety risks and deal with these risks so as to bring them to a minimum. A company that has incorporated such system into its operations would certainly attract more clients whether this company is an airline or a service provider. Sharing of success stories of such companies encourages other companies to put in place similar systems in order to manage and sustain safety requirements and standards.

The theme of this conference is ***"Moving beyond Compliance to Excellence and Ultimately Sustainable Aviation Safety through Good Governance"***.

The conference sessions will be conducted in the form of presentations and a concluding discussion panel to maximize the opportunity for stakeholders to share ideas and discuss challenges about: ICAO's continuous monitoring approach, E-IOSA requirements, Safety Management System SMS, and EASA/FAA (Part 145).



Why you should attend ?



With air traffic projected to double in the next 15 years, current and emergent safety risks must be addressed proactively to ensure that this significant capacity expansion is carefully managed and supported through strategic regulatory and infrastructure developments. It is therefore imperative that states and regions remain focused on establishing, updating and addressing their safety priorities as they continue to encourage expansion of their air transport sectors.



This conference, as indicated by its topic, will discuss the latest mandatory safety standards & trends in ensuring sustainability, where operators and service providers should move beyond safety compliance to achieve best safety performance. The conference is also providing an overview about safety standards that help reducing fatal accidents and encourage full implementation of Safety Management System (SMS) with the aim of facilitating proactive management of safety risks.



At the end of this conference, participants will be able to go back to their organizations with a better understanding of the need to a Safety Management System that should be initiated, maintained and continuously improved by each organization.



**“ THINK
SAFETY STARTS
WITH YOU ”**

Who Should Attend ?



This Conference is targeting CEO's, top management level, seniors & supervisors and members of management who have responsibility or oversight for maintaining compliance with regulatory requirements. Management staff members whose role involves change management, team building or culture development are also welcome to this conference. Organizations which should attend the conference include:

- ✈ Regulators
- ✈ Airlines
- ✈ Cargo Operators
- ✈ MRO
- ✈ Ground Handling
- ✈ In-flight Services
- ✈ Training Organizations

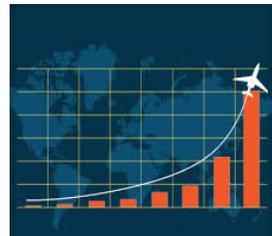


“ SAFETY MESSAGE COULD SAVE THOUSANDS OF LIFE ”

Key Highlights



- ✈ **Enhancing** Safety Awareness & Culture
- ✈ **Demonstrating** Latest Safety Standards
- ✈ **Following** Updated Safety Trends & Indicators
- ✈ **Ensuring** Aviation Safety Sustainability to Allow Continuity & Growth
- ✈ **Moving** Beyond Compliance
- ✈ **Introducing** Current Approaches to Manage Aviation



Speeches & Presentations by



Guest of Honor

 ***Captain Hossam KAMAL***

H.E. Minister of Civil Aviation of Egypt



Alsafwa Chairman

 ***Eng. Hussein MASSOUD***

Former Minister of Civil Aviation of Egypt

Speakers



 ***Captain Mahmoud ELZANATI***

President
Egyptian Civil Aviation Authority



 ***Mr. Mohamed R.M. KHONJI***

Regional Director
ICAO Middle East Office



 ***Mr. Mashhor ALBLOWI***

ICAO Regional Officer,
Flight Safety



 ***Mr. Jehad FAQIR***

Head of Safety & Flight
Operations - IATA Middle
East & North Africa



✈ Mr. Mohamed ABASS

Chairman Assistant for safety
Egyptian Holding Company
for Airports & Air Navigation
Services



✈ Eng.Hisham NASSER

EGYPTAIR Chairman
Advisor For Maintenance
& Engineering



✈ Eng.Osama ELMELIGY

Chairman TOTAL Consulting

Moderators



✈ Eng.Ahmed GABR

Conference Moderator



✈ Eng.Maged ELMASRY

Panel Moderator
CEO Engineering & Consultancy
Partners (ECP)

Panelists



✈ Captain Abdel Fattah KATO

Assistant for International
Flight Safety Foundation
Board of Governors Member



✈ Captain Sameh EL HEFNY

Chairman & CEO EGYPTAIR
Holding Company



✈ Eng.Mohamed HASSAN

Former Chairman
EGYPTAIR EXPRESS



✈ Captain Ayman ELMOKDAM

Head of Aircraft
Accident Investigation – Ministry
of Civil Aviation of Egypt



✈ Eng.Mohamed Abdel Hamid HAMDY

Civil Aviation Advisor & Accident
Investigation Expert

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EGYPTAIR is the world-renowned national airline of Egypt based in the cosmopolitan city of Cairo. It was officially declared on the 7th of May 1932 as the first Airline in the Middle East and Africa and the seventh in the world to join IATA, started operating its flights in 1933. EGYPTAIR Holding Company has 9 subsidiaries: EGYPTAIR AIRLINES, EGYPTAIR EXPRESS, EGYPTAIR CARGO, EGYPTAIR IN-FLIGHT SERVICES, EGYPTAIR GROUND SERVICES, EGYPTAIR MAINTENANCE & ENGINEERING, EGYPTAIR SUPPLEMENTARY INDUSTRIES, EGYPTAIR TOURISM (KARNAK) & DUTY FREE, EGYPTAIR MEDICAL SERVICES, in addition to EGYPTAIR TRAINING CENTER

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Airbus is the leading commercial aircraft manufacturer offering the most modern and efficient passenger aircraft family on the more than 100-seat market. Airbus champions innovative technologies and offers some of the world's most fuel efficient and quiet aircraft. Airbus seeks to ensure that air transport continues to be an eco-efficient means of transport, delivering economic value while minimizing its environmental impact. Over the last 40 years, customer focus, commercial know-how, technological leadership and manufacturing efficiency have propelled Airbus to the forefront of the industry. Airbus consistently captures about half of all commercial airliner orders. Headquarter in Toulouse, France, Airbus is an Airbus Group company.



Boeing Company is committed to being the leader in commercial aviation by offering airplanes and services that deliver superior design, efficiency and value to customers around the world. There are more than 14,000 Boeing commercial jetliners in service, flying passengers and freight more efficiently than competing models in the market. Boeing started building airplanes in 1916. Since then, Boeing has defined the modern jetliner and introduced the twin-aisle cabin, the glass cockpit and countless other innovations. Today, Boeing Commercial Airplanes offers a family of technologically advanced airplanes including the 737 MAX, 747, 767, 777 and 787 Dreamliner. Boeing Commercial Airplanes employs more than 80,000 people under the leadership of President and CEO Ray Conner. The business unit's revenue in 2014 was \$60 billion.



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Innovation is the ability to see beyond the curve of the horizon – to observe the dynamics of today and conceive the opportunity of tomorrow. Acted upon, these opportunities create leaders in every field. In regional aviation, that leader is Embraer because at the heart of every action we take is a continued spirit of innovation. For over 35 years, we have sought to ideally match aircraft technology with market needs, to create opportunities for customers who demand more and who, like us, set their goals beyond the horizon.



Task International is one of the leading companies in Egypt since 1996, working as a consultant and representative for a worldwide principals, covering diversified business fields (Commercial & Military); Aircraft's supplies, Ground support equipment, Airport Supplies, SICT solutions, Electro-mechanical projects, and Traffic management solutions etc. We offer our services after thoroughly considering our clients' needs and ensuring our clients satisfaction.

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Established in 2005, with focus on the Aviation Field. With continuing success our activities and scope expanded to cover Defense and Transportation. Eagle Aviation is a TRACE Membership. With the assistance of our partners we provide 1st Class after sale support to all our customers within the region in order to keep very good image for all the companies we represent in Egypt. Maintaining high image of our partners and suppliers has always been our ultimate goal.

Conference Agenda

08.30 -09.30 **Registration**

09.30 -09.40 **Chairman’s Opening Speech**

By: Eng. Hussein MASSOUD – ALSAFWA Chairman

09.40 -09.50 **ICAO Introductory Speech**

*By: Mr. Mohamed R. M. KHONJI - Regional Director
ICAO Middle East Office*

09.50-10.00 **ECAA Speech**

*By: Captain Mahmoud ELZANATI- President
Egyptian Civil Aviation Authority*

10.00-10.10 **Minister of Civil Aviation of Egypt Speech**

By: H.E Captain Hossam KAMAL

10.10- 10.40 **ICAO updated overview of the USOAP- Continuous Monitoring Approach (USOAP-CMA) methodology and tools**

*By: Mr. Mashhor ALBLOWI
ICAO Regional Officer, Flight Safety*

- The evolution of USOAP to the CMA;
- Components of the USOAP-CMA;
- Critical Elements (CEs) of the safety oversight system;
- USOAP audit areas;
- USOAP-CMA and the State Safety Programme (SSP);
- CMA Online Framework (CMA-OLF); and
- USOAP-CMA computer-based training (CBT)

10.40- 10.50 **Q&A**



10.50- 11.35 E-IOSA requirements

By: Mr. Jehad FAQIR -Head of Safety & Flight Operations, IATA Middle East & North Africa

- The IATA Operational Safety Audit (IOSA) programme of airlines is a key element of the IATA Six-point Safety Strategy, and has been implemented to achieve two fundamental aims – improve airline operational safety, and enhance efficiency.
- IOSA is an internationally accepted and recognized evaluation system designed to assess the operational management and control systems of an airline. IOSA uses internationally recognized quality audit principles, and is designed so that audits are conducted in a standardized and consistent manner.
- Industry's feedback after IOSA program matured was that the program should focus more on the implementation of the ISARPs. The IOSA Audit would focus too much on the documentation. Moreover, the operators would not continuously conform to the ISARPs.
- As a result, The Enhanced IOSA was developed to address four pillars namely; Continuous Conformity with IOSA Standards , Focus on Implementation of IOSA Standards, Reliability of Airline's Quality Assurance Functions and Auditing Standardization.

11.35- 11.50 Q&A

11.50- 12.30 Networking Break

12.30- 13.00 Safety Management Systems (SMS)

*By: Mr. Mohamed ABASS -Chairman Assistant for safety
Egyptian Holding Company for Airports & Air Navigation
Services*

- Understanding the main objective of safety management is to achieve high levels of safety performance, and this is not easy to achieve through documents compliance.
- The Importance to differentiate between base line performance and operation line performance and to determine the drift between them.

13.00- 13.10 Q&A

13.10- 13.40 EASA & FAA (Part 145)

*By: Eng. Hisham NASSER-EGYPTAIR Chairman Advisor
For Maintenance & Engineering*

- Answering a question why my flight is safe.
- Aviation industry evolution and growth that took place in the last decades and the role EASA played by creating the proper controlled environment that allow the growth to continue.
- EASA regulation structure with more focus on the EASA Part 145 and the FAR 145 regulation and how compliance with them contributes in delivering a safe flight.
- Ideas to sustain the level of safety and go beyond compliance to ensure business growth.

13.40- 13.50 Q&A

13.50- 14.30 Light Lunch



14.30- 15.45 Panel Discussion

**Moderator: Eng.Maged ELMASRY –CEO
Engineering & Consultancy Partners (ECP)**

- Human Factor integration in SMS
- Organization Safety culture
- Implications of USOAP implementation
- The role of Non-Governmental Organizations (NGO's)/Non-Profitable Organizations in enhancing the National Aviation Flight Safety culture and rationalizing SMS implementation cost.
- Improving Flight Safety through regulator good governance.

Panelists:

➤ **Captain Abdel Fattah KATO-Assistant for
International Flight Safety Foundation
Board of Governors Member**



➤ **Captain Sameh EL HEFNY-Chairman & CEO
EGYPTAIR Holding Co**



➤ **Eng.Mohamed HASSAN-Former Chairman
EGYPTAIR EXPRESS**



➤ **Captain Ayman ELMOKDAM- Head of Aircraft
Accident Investigation –Ministry of Civil
Aviation of Egypt**



➤ **Eng.Mohamed Abdel Hamid HAMDY-Civil Aviation
Advisor & Accident Investigation Expert**

15.45-16.00 ALSAFWA Initiatives

*By: Eng.Osama ELMELIGY-Chairman & CEO
TOTAL Consulting*

- Efforts to promote Good Management, Agility and Technology in Aviation business.
- Future Series of conferences and workshops around Aviation and Sustainability.

16.00- 16.15 Chairman's Closing Remarks

**“ SAFETY IS ”
EVERYONE'S RESPONSIBILITY**

General Conference Information



1

Please respect the timing reported on the conference agenda



2

Samples advertisements brochures or other promotional material may not be displayed or distributed in the Conference Hall



3

Smoking is not allowed in conference Hall



**NO
SMOKING**

7

Conference Dress Code

Formal Business

After the Conference

Delegates will receive A Digital Attendance Certificates via their registered e-mail address.

6

Official Conference Language is English

5

It is not permitted to consume food in the Conference Hall



4

Please switch off or into silent mode your Mobile before all Sessions.



Organizing Team



 *Eng. Essam HANAFY*

Conference Secretary General



 *Shiamaa ANWAR*

Event Manager

Technical Committee



 *Eng. Osama ELMELIGY*

Chairman TOTAL Consulting



 *Mr. Mohamed ABASS*

Chairman Assistant for safety
Egyptian Holding Company
for Airports & Air Navigation
Services



 *Eng. Ahmed ELMOGY*

Alsafwa Member

Production Team



 *Eng. Ahmed HAMEED*

Conference Website Designer



 *Mai OMAR*

Conference Designer



 *Eng. Khaled Abd ELMOLA*

Alsafwa Member

Post Conference



- ✈ Recommendations
- ✈ Presentations
- ✈ Attendees Certificates
- ✈ Feedback
- ✈ Photo Gallery
- ✈ Press Release

Will be posted on the website after the conference:
www.smtayaran.com/conferences



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See you next Event in 2016

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