

SAC ELEVATOR BRIEFING

Swiss Aviation Consulting (SAC) Newsletter No. 3

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Dear valued reader,

when crisis situations slow down business life it is most important to use the available time to develop new structures and concepts and to invest into opportunities that will pay back in a post-Corona world. While the Central European countries are slowly returning to the new "normality" SAC would like to introduce what we have been working on.

Topic Based Authoring — Our Approach to Aviation Based Documentation

For some time our understanding has been that documentation is written and managed mostly through "old school" but simple word processing. Today more complex advancements are made with web based and structured page by page authoring using well developed outsourced services.

Our solution approach is a topic-based authoring which lays out all the elements of your documentation. Structured and assembled, all those topics become your publication. Not only are manuals - the way you perceive them as single books or physical documents - processed and assembled but many "single books" are merged into ONE publication which can be presented to the end user (pilot, mechanic, ground ops agent, department staff member).

Imagine, your idea of a chapter is now a topic, totally independent from your understanding of a document – revision controlled, freely editable with reusable content, referenced within the publication and best – movable to the place in your publication where you want it, without spending hours to reframe the wording.

Clearly many complex operators say – sure, our current solution already masters this. We answer – let us present to you how we approach it, show you the new look and the potential our solution holds as well as our services around the authoring of publications.

Fresh looks, scalable service, multi-platform use (iOS, Android, Web, tablet, desktop), data in your hands and controlled and compliant processes for any size of operation.

Interested in this solution? Let us know and will call and set up a TEAMS to present it.

The screenshot shows a document editor interface. On the left, there's a section titled "Immediate Actions Items" with a list of actions. On the right, there's a table titled "Revision Status of Topics - Operations Manual".

Immediate Actions Items

Non-normal procedures assume that the actions below are accomplished by the crew:

- Normal procedures have been properly accomplished (i.e. the situation has not been caused by action of the crew);
- Master Warning/Caution switches/lights are reset;
- Obvious corrective action (if any) is taken for crew awareness items.

Once the nature of the problem has been correctly determined, the PF calls for the appropriate checklist Actions if applicable.

Although not mandated in the Global 5000 QRH, [Generic Abbreviation (Short)] requires tl Action Items" associated with the following abnormal procedures to be executed from mem consulting the QRH for further action.

1. Rejected Take-Off Before Achieving V1
2. Engine Failure During Take-Off After Achieving V1
3. Engine Fire (in-Flight)
4. Reverser Unlocked
5. Cabin Altitude
6. Smoke/Fire

Revision Status of Topics - Operations Manual

LIST OF TOPICS REVISED/ADDED

Status	Topics
R	Distress and Urgency Signa
A	General Information & Units
A	Limitations - Global 5000
A	Normal Procedures - Global
A	Aircraft Flight Manual (AFM)
A	Standard Operating Proced
A	Ground Operations - Proced
A	Departure – Procedures, Ch
A	Climb – Procedures, Check

SAC Business Review

SAC's *Advisory & Compliance unit* has reached a milestone with an internal solution project on what future documentation shall look like within an aviation company. And again we have proven that we can deliver support under special conditions; this time to an aircraft buyer for a record review and a physical inspection of the prospected aircraft.

SAC's *Flight Operation and Asset Management* teams are supporting a client with setting up an interim operational structure in accordance with EASA Part NCC (ICAO Annex 6 II) for a Bombardier Global 6000 for transition to a new owner. This enables the client to move the aircraft around for demonstration and export flights as needed.

Furthermore, several inspections, audits and valuations in various locations around the globe have been conducted. In June the focus will be on audits in Europe in countries like Germany, Spain, Ukraine and others where the borders are slowly easing up.

Additionally, SAC is glad to announce that we have partnered up with Dviation to offer a comprehensive airliner storage and part out solution in Malaysia. Services include: interim aircraft operations including crewing and flight support, CAMO and aircraft registration changes, MRO solutions for the storage and preservation period, parking, painting and part out as required. Short and long term storage can be arranged at following airports: Kuala Lumpur Subang, Melaka, Ipoh, Kuching, Miri.

It is estimated that roughly 4,000 airliners are going to be taken out of service bringing the global fleet down to 20,000 units.

Dviation
Different - Determined - Done

swiss aviation consulting

In collaboration with Swiss Aviation Consulting (SAC), Dviation is pleased to offer our combined suite of comprehensive solutions for your prized assets including:

- Full suite of CAMO services (EASA, BCAA, CAAM approvals and others)
- Flight Ops support: arrange crews, flight plans, permits required and ferry flight solutions
- Short to long term storage/ parking for aircraft and/or engines
- Routine maintenance to cover daily, weekly and up to long term parking checks during storage (Part 145 EASA, BCAA, CAAM approvals and others)
- Aircraft cleaning & disinfection services
- Complete teardown and part-out solutions

Proudly based in Malaysia - serving Asia for your total peace of mind

Meet the SAC Team



Name:
Tianyi Ding

Job Title:
Asset Manager

Location:
Dubai, United Arab Emirates

Tianyi, how long have you been with the company and why did you join?

"Only one month away I am going to complete my 8th year with the company. At the time I graduated with a bachelor degree in Aerospace Technology SAC was searching for university graduates to join its operation in the UAE. Luckily, I was selected to be one of the candidates. As a fresh graduate back then it was a great opportunity to work for an international company with its main base in Zug, Switzerland and a strong presence in the aviation market in Europe. In 2012 SAC already had the vision to develop into the Asian market and a few years later the SAC Malaysia office was established. Moreover, my colleagues have a vast experience and knowledge in the aviation field."

What do you like most about your current role?

"Working at SAC is all about professionalism, multi-tasking and teamwork. My role as Asset Manager requires me to constantly coordinate with our inspectors and follow up on the aircraft status with various operators, report to our customers regarding their assets, process inspection reports and review aircraft records. In addition to the aircraft in our full asset management programme - for which we do aircraft inspections, operator audits and records checking - we also do a bi-monthly monitoring for a large portfolio of aircraft/helicopters plus we have mandates for numerous ad hoc inspections and operator audits. It can be very demanding sometimes, but I do enjoy the challenge."

What has been your favourite project so far?

"There have been many projects in the past years which could be my favorites. Due to the complexity of the project I would say the assessment of 5 ATRs in Indonesia which we did this year. We had to submit 5 aircraft inspection reports and 5 aircraft appraisal reports within three weeks. It demonstrated the strong teamwork spirit we have at SAC as well as the accurate time management through all steps of the process until the final release to the customer."

List five hashtags that describe your personality.

#Faithful, #Discipline, #Responsible, #Modest, #Independent

What do you enjoy doing when you are not working?

"When I am not working, I enjoy horse riding, crafting, reading and travelling."

Next Issue: Focus South America

[SAC Company Flyer](#)

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