

CONSULTING SERVICE

CM03



Airworthiness Management Diagnostic



Subject Leader

David Innes, Principal Consultant

David adds enormous technical value to clients through his 30 years' experience in a range of airworthiness-related roles in the civil air transport industry. Specialising in Airworthiness Management Reviews and diagnostic surveys and reporting into Executive Management, David is able to assist clients to effectively interpret and adopt the practical application of airworthiness-related regulatory requirements and safety and quality management principles. In addition to his consulting experience, David also designs and delivers regulatory and technical training courses to high acclaim. His clients include Thomson Airways, Boeing, Qinetiq, FOCA, TAG Farnborough Engineering, B/E Aerospace and a number of European and global Regulatory Authorities.

SMARTT[®] DIAGNOSTIC TOOLS

Airworthiness Management Diagnostic



SMARTT[®] is an innovative market leading management Diagnostic Tool developed exclusively by Baines Simmons to respond to the challenges of improving performance in complex regulated organisations.

EASA requirements specify clearly the need for Operators to be accountable for the management of the continuing airworthiness of their aircraft. This principle is being adopted by the UK military too through their adoption of a CAMO (Continuing Airworthiness Management Organisation) system. Yet, despite being a regulated activity, many organisations are unclear how effectively they are fulfilling this obligation.

Approval from the regulator provides reassurance that your organisation is compliant and meeting minimum levels of airworthiness and safety, but what about the benefits that can be realised when you manage continuing airworthiness truly effectively? How closely are you navigating the boundaries of the safety space with your approach to continuing airworthiness? What mechanism does your organisation have in place to provide you with that overview and understanding? What would "effective" even look like for your operation and would you recognise how to achieve it? How effectively is your organisation ensuring high standards of aircraft availability?

What is the SMARTT[®] Airworthiness Management Diagnostic?

Baines Simmons' SMARTT[®] Airworthiness Management Diagnostic (AMD) has been developed to provide you with a picture of how your Airworthiness Management System is operating. It is more than just an audit against regulatory standards and your procedures. It examines the enablers that underpin your Airworthiness Management System, assessing organisational capability as well as the people in the system. It is a holistic view and its aim is to provide you with an independent assessment of current situation so that you possess better decision-making ability.

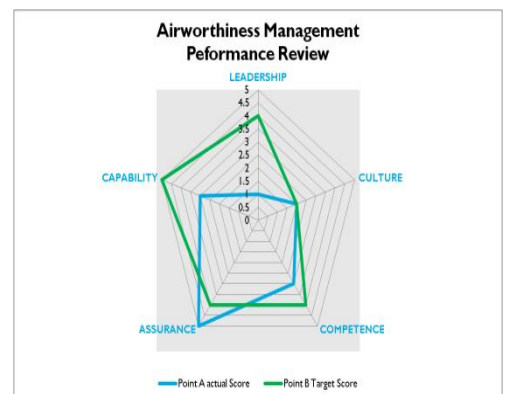
In addition to reviewing an organisation's capability (infrastructure, systems, controls and programmes) and assurance mechanisms, organisational culture, leadership and competence are also assessed to determine their influence on the effectiveness and efficacy of Airworthiness Management in the organisation.

Through engaging with you and your staff, reviewing technical documentation and testing your processes, the questions the AMD will seek to determine answers for include:

- ▶ How **effective** is your approved maintenance programme?
- ▶ How comprehensively are you assessing and managing the risks introduced by unregulated activities that can impact aircraft airworthiness?
- ▶ How well are you operating your CAMO against industry best practice?
- ▶ How effectively are you working with your maintainers, contractors and aircrew to ensure safe and reliable operations?

Delivered by Baines Simmons' highly- experienced Airworthiness experts, our diagnostics are tailored for the organisation we are assessing and we always seek to ensure that it is fit for your requirements and operation. Our AMD will lead to an action-oriented business improvement plan designed to underpin your Airworthiness Management strategy and help you lead change from the top.

You may have specific concerns about your organisation that you wish us to review and we will be happy to discuss these when we scope out the project with you.



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About Baines Simmons

We are world leaders in aviation safety training, consulting and outsourced services and renowned for our professional expertise, practical skills and industry experience in Aviation Regulations, Compliance and Safety Management.

Our vision is to make a real and lasting impact on aviation safety. Acting as trusted advisor to more than 500 aviation organisations and 40 Aviation Authorities around the world, we have led a comprehensive range of safety enhancement programmes and trained more than 120,000 aviation professionals.

Relevant Experience:

Singapore Airlines
SAS
BAE Systems
Thomson Airways
Bristow Helicopters
Abu Dhabi Aircraft Technologies (ADAT)

Contact us

To find out more about how Baines Simmons can help you with assessing your Airworthiness Management, please call us on +44 (0)1276 855 412 to speak to one of our Consultants. Alternatively, email us on consultancy@bainessimmons.com or visit: www.bainessimmons.com



Airworthiness Management Diagnostic

What benefits can an AMD provide?

Our **SMARTT® Airworthiness Management Diagnostic Tool** will provide independent analysis of the situation you face, giving a clear picture of how Airworthiness Management is being conducted in your organisation so that you can make informed decisions that will lead to:

- ▶ Increased aircraft reliability/availability
- ▶ Reduction of ineffective maintenance and therefore potentially save on resources and expense
- ▶ Greater ability to hold your contractors to account (maintenance providers and suppliers)
- ▶ Greater confidence that your maintenance programme is optimised for your particular operations
- ▶ Greater reassurance of the safety of your aircraft

The SMARTT® Difference – Airworthiness Management Performance Model

We take a holistic perspective to Airworthiness Management and look at how it is influenced and manifested across five key areas:

Leadership: Has your senior leadership team set the strategic direction for Airworthiness Management and are they guiding the company forward to engagement through visible commitment?

Capability: Do you have sufficient equipment, systems, manning and resources for the tasks?

Competence: Are your people equipped with the necessary knowledge and skills?

Assurance: Are you able to demonstrate improvement through metrics or a balanced scorecard?

Culture: What attitude or values prevail in your organisation when considering Airworthiness Management?



Complementary Products and Services

CR06 - Organisational approvals – approval improvement support
CR03 - Airworthiness Advisory Service
CM04 - Quality Management Diagnostic
TR03 - EASA Part M – Successful Management for Air Operators
TT10 – Airworthiness Review: Essential Principles and Techniques

TT08 - Continuing Airworthiness Management Skills for Defence CAMOs
TT09 - Developing your Continuing Airworthiness Management Skills (Civil)
TT01 - Understanding Maintenance Programme Principles
TT02 - Best Practice for Technical Representatives