Training courses

The Management of Aircraft Materials
Training in the provisioning of materials to control and reduce costs

To book places on the next course contact Tech-Log/Argent Advancements:

- +44 (0) 7810 524831
- training@tech-log.com
Over 100 airlines, MROs, manufacturers and parts suppliers have benefited from our courses in the management of aircraft materials.

Organisations with an under-trained work-force put their operations at risk: they accumulate excessive inventories of spare parts, incur higher overall costs and have an increased risk of disruption to their aircraft maintenance operation as a result of poor parts availability.

Those attending our courses learned how weaknesses in the management of materials lead to poor parts availability and higher costs and learned how introducing different ways of working can help to minimise these problems.

Feedback from previous courses indicated that all those attending, whether from maintenance, engineering, finance or supplies departments and regardless of experience or seniority, “learned something new and useful”, which would be of benefit in their workplace.

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95% OF ATTENDEES WOULD RECOMMEND THE COURSE
8/10 ATTENDEES WERE FROM AIRLINES OR MROS

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Without training, organisations under-perform and fail to make their full contribution to the business. By improving their knowledge of different working practices they can exploit their capabilities more fully and create a more vigorous organisation, keen to introduce more effective ways of working.

The course is all about improving materials management processes to avoid the most commonly observed problems: excessive inventories of spare parts, higher overall costs and poor parts availability.

The course covers topics specific to aircraft maintenance which will not be found in other more general purchasing and supply courses. It is entirely focussed on how to provide support for aircraft maintenance and introduces new ideas on providing more cost-effective materials management.

Our guiding principle is that introducing staff to new ways of working which have evolved across the industry will lead to a more innovative and effective organisation.

The course sets high standards in both content and presentation and is delivered by three instructors, all with extensive experience in their fields.

The course is aimed at:
• Materials management specialists
• Maintenance engineers
• Finance managers

Our courses
Tech-Log has run the 3-day course in the UK for over 12 years attended by supply chain, maintenance and finance specialists from airlines, MROs and parts suppliers worldwide.

On-site or regional courses have been provided for: Cathay Pacific (Hong Kong), Air Astana (Kazakhstan), Emirates (Dubai), Air Sahara (India), Air Deccan (India), DHL/European Air Transport (Belgium), Sun Express (Turkey), Bae Systems (UK) and Jet2 (UK). 2-day courses have been run on behalf of the JAAT.
The 3-Day course covers the following topics and includes presentations, discussions and practical exercises:

• Protecting against bogus and unapproved parts.
• Measurement of cost and performance.
• Effective negotiation and purchasing.
• Understanding maintenance requirements for aircraft parts.
• Sources of costs of providing materials for maintenance.
• Selection of repair shops and management of repair contracts.
• Different ways of providing aircraft materials, their benefits and disadvantages.
• Calculating the parts required in the materials inventory.
• Effective management of expendable parts.
• Improving availability of rotatable components.
• The key regulations applicable to handling and storage of aircraft parts.
• Obtaining value from parts warranties.
• Practical aspects of storing and shipping aircraft parts.

A full syllabus is available on request from Tech-Log/Argent Advancements.

Practical Exercises
The course includes 2 practical exercises designed to reinforce the formal presentations and up to 2 additional practical exercises may be included subject to time constraints.

The course always includes:

Case study
The case study provides a setting which describes a typical problem being experienced in an airline's supplies department. Delegates work in teams to define the problem and discuss practical solutions. Each team presents its proposed solutions which are discussed by the instructors and the group as a whole.

Problem Workshop
Prior to the start of the course each delegate is asked to identify a live problem they are experiencing in their working area. In the final session the instructors lead a general discussion on how the problem might be handled.

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Tech-Log provide the following courses:

The 3-day open course
Tech-Log normally provides one open 3-day course per year in the UK. The course includes the standard syllabus which is available on request from Tech-Log. Courses are advertised well in advance and Tech-Log will provide details on request.

On-site training
Tech-Log can supply 3-day or 2-day courses on-site at customers’ facilities worldwide. On-site courses can be customised to meet individual customer requirements and targeted at specific issues.

Management Seminars
Half-day seminars for senior managers of any specialisation can be run. During these seminars a small number of formal presentations are made on key topics followed by open discussion on specific issues of interest. Seminars can be run in conjunction with on-site courses or as stand-alone events.

Regional
Tech-Log can provide regional training where a number of different companies in one particular geographic area co-operate to identify sufficient candidates to make a course an economic possibility.
Presenters’ biographies

Brian Barrett
Brian trained as an engineer in the UK Royal Air Force and worked in military aircraft maintenance before taking up a career in civil aviation. Since then he has held senior positions with Dan Air Engineering, FFV Aerotech, British Midland, Airline Rotables, AMP and Tech-Log.

With over 30 years in aviation, his experience covers civil and military aircraft maintenance and commercial management of civil airframe and component maintenance contracts. He has particular experience of component exchange programmes where he developed complex mathematical models for component provisioning, forecasting and costing.

He has set up and operated hangar and warehouse facilities and been involved in the specification, selection and implementation of several inventory management computer systems.

He designed the 2-day and 3-day management of aircraft materials courses and has carried out numerous open and in-house courses. He has addressed international conferences and seminars on a range of topics including contract management, logistics and training.

Brian now works as Projects Manager with AMP and Tech-Log providing training and consultancy services and undertaking a range of project management assignments.

Roger Kidd
Roger started his aviation career in the UK Royal Air Force and has worked in the aviation industry for over 40 years. He moved into civil aviation as a licensed Aircraft Maintenance Engineer working for Dan Air subsequently working for a number of other airlines including Bahamasair, Orion, and TEA (UK) where he was Chief Engineer.

For 12 years he specialised in quality management in the airframe maintenance and component support business holding senior positions in FFV Aerotech, and Airline Rotables limited. He also spent some years as a freelance consultant specialising in quality management systems and technical auditing services.

He has acted as an advisor, written company expositions and overseen the implementation of quality and operational procedures in order to obtain JAA, CAA and FAA Repair Station approvals.

He has implemented ISO 9000 and AS 9120 in several companies drafting the company manuals and procedures and training the internal auditors. He was part of the team that drafted the AS9120 Quality Management Standard for aircraft parts suppliers and he has been a registered ISO 9000 Aerospace Auditor. He continues to fulfil the role of Quality Director for the European Aviation Suppliers Organisation (EASO).

Felicity Argent
Felicity studied at Trinity College Dublin (Aerospace Psychology Research) and began her career with FLS Aerospace (SR Technics), sourcing components for aircraft on check. She successfully co-ordinated the Human Factors programme for SR Technics UK managing a team of seven and has gained an invaluable insight into the challenges and pressures faced by aircraft operations and all those involved, either directly or indirectly.

Felicity is a specialist aviation safety consultant and training expert with 17 years’ aviation experience involved in training over 2000 people in the UK and overseas. As a qualified lean six sigma and Prince2 practitioner, Felicity has worked with civil and military aviation to improve cultures, processes and systems that achieve significant performance gains and cost savings.

Other areas of expertise include Error Management, Safety Management Systems, Fuel Tank (CDCCL), Electrical Wiring Interconnection Systems (EWIS) and Introduction to Aviation.

In addition to her Human Factors, Felicity also consults in the area of component management and has worked with many international airlines, liaising with engineers, technicians, planning, technical records, quality departments, freight forwarders and AOG desk personnel.

Felicity now runs her own training business, Argent Advancements.
Next course
The next open course is to be held at:
The Crowne Plaza Hotel
Gatwick, Crawley
RH11 7SX
Dates 23rd – 25th May 2017

Price
The charge for the course is £1,500 per delegate and includes
detailed course notes for each topic. Lunch is provided each day
for no additional charge as well as coffee, tea and light snacks
at mid-morning and mid-afternoon breaks.

Accommodation
There is some work undertaken in the early evening of the first
two days of the course so we recommend that delegates are
accommodated in or close to the hotel in which the course is
being run.

Tech-Log can assist with arranging accommodation if required.

Course Booking:
To book places on the course please contact
Tech-Log /Argent Advancements:
Tel: +44 (0) 7810 524831
Email: training@tech-log.com

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