



Dedicated to innovation in aerospace

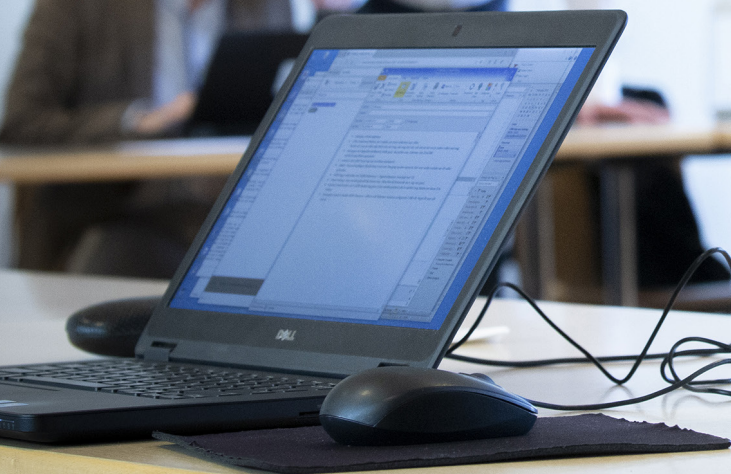
Get more from your EBT programme

Training, courses and workshops 2023 - 2024



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Royal NLR - Netherlands Aerospace Centre



Get more from your EBT programme

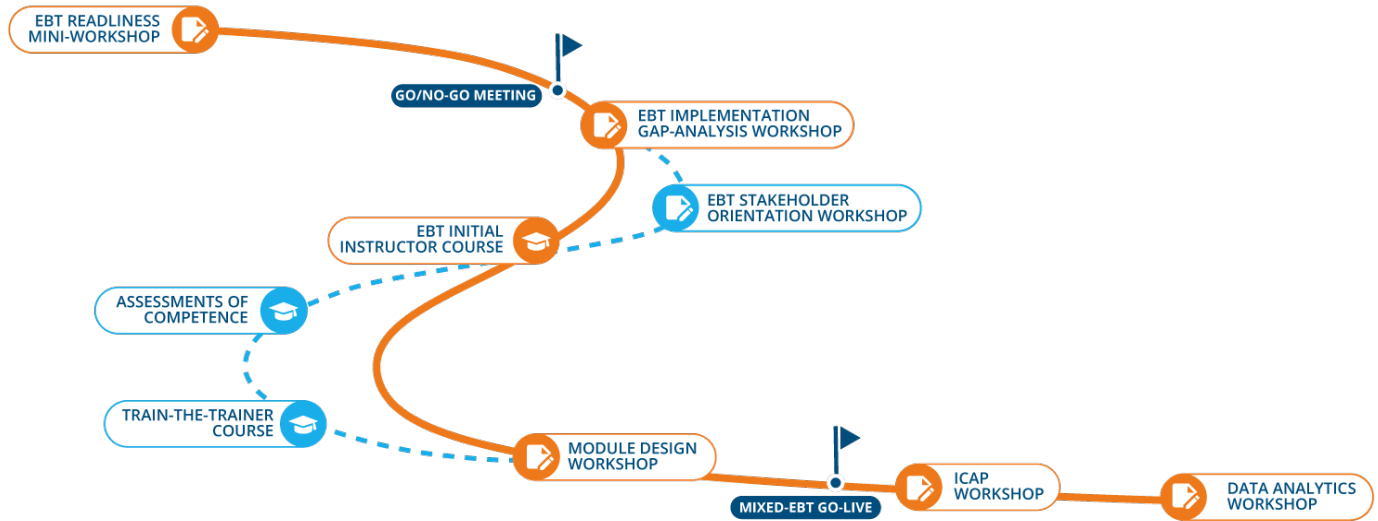
Is it possible to improve pilot resilience and operational safety, without increasing the volume of training? Evidence-based training (EBT) can do just that. The EBT concept has been developed to make training more relevant to flight operations and ***improve pilot resiliency through competency training***. EBT generates competency data and uses this data to adapt pilots' recurrent training to focus on actual competency training needs. EBT thus provides an elegant framework for continuously improving pilots' core competencies. Furthermore, as it is a performance-based training programme, EBT also allows operators to reduce their training footprint as long as equivalent levels of safety can be demonstrated. As of 2021, EASA has regulations in place to fully support EBT programmes and associated alleviations.

How NLR can support you with our EBT courses and workshops

Royal NLR's EBT mission is to assist operators and authorities in achieving reliable pilot development programmes while ensuring effective and efficient pilot development. We believe that a well-founded EBT programme is better for the operator, the instructor and the pilot. NLR assists operators, authorities and other stakeholders in implementing EBT. We offer a wide selection of specific courses and workshops that back initial (mixed) EBT implementation, enhancing and reinforcing EBT programmes while maintaining effective EBT oversight. All of our EBT support is designed to be fully compliant with the latest EASA EBT regulations and IATA & ICAO guidance; it is however always adaptable to accommodate any national regulations that may apply. As no two EBT programmes are the same, our courses and workshops are always tailored to your specific operations, regulations, ambitions, culture and training heritage.



Your EBT journey





Get started with EBT

NLR is here to help you take the next step in your EBT journey

Get the best start for your evidence-based training (EBT) programme and ensure smooth and effective implementation. The journey for implementing EBT takes time and involves many stakeholders, activities and changes to your training programme – yet the results are worth every step!

NLR helps operators and ATOs at various stages throughout the EBT implementation journey and provides different types of assistance suited to your needs. This ensures that your EBT programme benefits from the latest CBTA insights, best practices and up-to-date understanding of regulations, both under EASA and worldwide.

This EBT implementation journey is a map for navigating the various aspects of EBT. The journey you choose depends on applicable regulations and existing training practices (e.g. ATQP). If you are looking for something specific, we can assist in responsible EBT implementation in many ways including your bespoke needs.



EBT implementation: workshops and courses

EBT Readiness Mini-Workshop

If you want to explore whether EBT is right for you, this workshop lets you make informed decisions about implementation

EBT Implementation Gap-Analysis Workshop

Develop an actionable roadmap tailored to your operations. Together, we will pinpoint what needs to be done and make a plan.

EBT Stakeholder Orientation Workshop

Make sure everyone is on board. We provide a workshop to clarify EBT, gather inputs and align key stakeholders.

EBT Initial Instructor Course

Instructors are the keystones of great EBT. Inspire and empower them with our highly engaging world-class instructor course.

EBT Assessment of Competence (AoC)

Instructors are the keystones of great EBT. Inspire and empower them with our highly engaging world-class instructor course.

EBT Train-the-Trainer Course

Accelerate your instructor training by integrating our experience and expertise in your in-house instructor training.

Module Design Workshop

Ensure your first module is an EBT success for instructors and pilots alike. We will help you by teaching you the latest and most successful tips and tricks.

Instructor Concordance (ICAP) Workshop

Poor instructor standardisation results in ineffective EBT. This workshop designs the ICAP programme that best fits the scale and complexity of your EBT programme.

Data Analytics Workshop

Make sure you know what to do with the data you get from EBT. We set up your analytics and provide support during your initial analyses.

EBT Manual Template

Quickly set up your EBT manual and the necessary adaptations to your OM-D. Save yourself a lot of documentation effort, and access a manual that is aligned with EASA regulations and ICAO/IATA EBT guidance.

EBT Readiness Mini-workshop



Make an informed decision before you implement EBT

EBT is no small undertaking and each operator will have their own unique programme. Before you decide to implement EBT, it is crucial to understand the scope of the change, the risks, challenges and the specific benefits for your training operation.

In this lightweight workshop, Royal NLR's EBT training team helps you get a clear overview of what lies ahead. We are happy to answer any questions you may have and help you set up an initial business case and rough implementation plan to facilitate informed decision-making within your organisation.



Workshop highlights

- For any stakeholder wanting to learn about EBT (operators, unions, authorities)
- Lightweight, low-cost
- Delivers actionable insights



Workshop details

- 0.5-1 day workshop (adjustable)
- 4-6 participants to keep the workshop effective
- 2 NLR EBT facilitators
- At a location of your choice, worldwide
- Can be arranged at short notice

EBT Implementation Gap-Analysis Workshop



EBT implementation with a solid plan

If you have decided to implement EBT, it is important to organise the project thoroughly. This workshop facilitates a gap analysis process that identifies what changes need to be made when moving from your current training operation to EBT or mixed EBT.

This gap analysis includes not only a list of deliverables but also a schedule for the implementation process, including a roadmap for stakeholder engagement so that all parties can work towards the same goal. The results of this workshop also form the foundation for the implementation plan required for mixed EBT implementation under EASA (see the EASA Mixed EBT checklist).

This gap-analysis workshop also identifies the best way to organise your implementation project team, so that internal team resources can be scheduled/appointed to mitigate understaffing of the implementation project.



Workshop highlights

- Start your project responsibly and swiftly
- Prevent common implementation pitfalls & risks
- Get a clear picture of internal resources needed and how to schedule them
- Lay the foundations for an EBT implementation plan (EASA)



Workshop details

- 1-3 days depending on the size and complexity of your organisation
- 2-8 participants
- 2 NLR EBT facilitators
- Delivers a gap analysis, rough implementation plan and stakeholder/resource overview

EBT Stakeholder Orientation Workshop



Get everyone on board, from the beginning

EBT significantly changes the way of training (a true paradigm shift) and many different stakeholders will be confronted with these changes. Proper guidance and engagement will help stakeholders such as instructors, management, unions, NAA's and software departments develop a shared understanding of EBT and how it can be implemented. This can prevent serious delays or even stalling of EBT implementation when your stakeholders are not fully aligned.

We also believe that stakeholders may be valuable partners and provide useful support, ideas and solutions for implementing EBT. This workshop focuses on engagement and creates a two-way conversation to build common understanding and EBT goals, and to welcome positive stakeholder involvement in a new EBT programme.



Workshop highlights

- Ensure a common understanding of EBT principles and practices
- Facilitate positive engagement of all stakeholders
- Structure methods of engagement during implementation
- Prevent unnecessary friction; embrace legitimate worries, thoughts and ideas



Workshop details

- 1-2 days
- 10-12 participants
- 2 NLR EBT facilitators
- At a location of your choice worldwide
- Can be arranged at short notice



EBT Initial Instructor Course



Provide your instructors with the best start they can get!

EBT is a radical shift to a new set of training and assessment practices and your instructors are at the very heart of this change. Get it right and your instructors will rediscover themselves, and resilience training will become a positive experience for all.

Our EBT instructor training programme integrates the latest R&D insights into didactic techniques and CBTA methods and is fully compliant with the latest EASA regulations and IATA/ICAO guidance materials. Our course is designed in such a way that your instructors finish the course inspired, energised and backed up with the knowledge, skills and (most importantly) attitudes for effective Competency Based Training & Assessment (CBTA) in your EBT delivery. Additionally, we include support along the way because we know that real-world experiences in EBT training will raise questions and challenges for your instructors – and we will be there to help!



Course highlights

- Develops instructor EBT/CBTA competencies
- Integrates concepts such as ORCA, Facilitation, Venn, TEM and root cause analysis
- Highly interactive, designed to inspire instructors
- Includes simulator instructor training
- Only training team to offer an EASA baseline EBT experience
- Adjusted to your specific needs and situations



Course details

- 8-10 participants
- 2.5 days
- 2 NLR trainers: an experienced EBT Instructor/Examiner and a Human Factors/Training expert
- Can be delivered at a location worldwide of your choice

EBT Assessment of Competence (AoC)



Setting the right standards

Before training in a baseline EBT programme, instructors must undergo an EBT Assessment of Competence (AoC). This AoC ensures that instructors can train EBT to the operator's standards, including carrying out accurate assessments, engaging and facilitating trainees and actively developing competencies.

Our AoCs cover a complete EBT module and can be delivered at a location (with FFS) of your choice. The assessments are delivered by experienced EBT examiners with an EASA EBT AoC. The AoC can be administered to several instructors, but we can also cater for initial AoCs amongst key senior EBT examiners within your operation, who then will be qualified to administer AoCs amongst the other (and newcomer) instructors.



Course highlights

- Set the standards for EBT assessment and training
- In accordance with EASA/IATA/ICAO AoC requirements
- Making sure your senior EBT examiners have AoC privileges



Course details

- 1 candidate instructor per AoC
- 2 days (one complete EBT module)
- At a (simulator) location of choice, worldwide
- Delivered by an experienced NLR EBT examiner with AoC

EBT Train-the-Trainer Course



Setting up a powerful in-house instructor training programme

Part of our EBT mission is to empower operators to run effective EBT programmes by themselves, including in-house EBT instructor training. Our EBT Train-the-Trainer course trains your senior EBT instructor core group to deliver in-house instructor training to the same standards you can expect from NLR trainers. This lets you train new instructors, as well as providing more robust recurrent instructor (standardisation) training independently. Course participants who complete the course will have the knowledge, skills and attitude for training fellow instructors in an effective EBT programme, adhering to the latest standards and best practices for EBT instructor training. Optionally, this EBT Train-the-Trainer course can be extended by additional coaching during the delivery of the first few in-house EBT instructor courses, to ensure the best transfer of training. Additionally, NLR can deliver instructor training course materials on a licensed basis. This includes slides, videos, handouts and exercises.



Course highlights

- Set up an in-house initial EBT instructor training
- Create a more robust recurrent instructor training programme
- Integrate the latest industry insights and best practices
- Be trained in advanced instructional techniques
- Optionally include coaching in training delivery
- Optionally include training materials on a license basis



Course details

- Max. 4-6 participants per course
- 2 NLR EBT trainers
- 3 days
- At a location worldwide of your choice; NLR can also host it in Amsterdam



Module Design Workshop



A compass for navigating module requirements and getting the right mix

Our two-day Module Design Workshop is tailored toward instructors and/or training staff responsible for designing EBT modules. The workshop helps structure the design and development of an effective EBT module achieving the right blend of compliance with regulations, level of difficulty and relevance to the trainees. The workshop will address key aspects such as topic matrix customisation, equivalencies, module design workflow and scenario, surprise and variation design. The focus of this interactive workshop is to transfer practical experience in module design and let participants successfully build modules independently. This is best taught by the actual design of a module or parts of a module together in a workshop. For participants who are not EBT instructors but who may play a role in the module design and development process (simulator staff, software department, union representatives), NLR offers a one-day accelerated introduction to EBT principles, regulations and CBTA techniques to ensure that all workshop participants are up to speed and aligned in terms of what an effective EBT module should look like and how it should work.



Workshop highlights

- Save time and frustration and get a kick-start with best practices and proven techniques
- Understand and mitigate module design pitfalls
- Co-develop a module with NLR instructors
- Future support to keep you going
- Optional accelerated 1-day course for non-instructors



Workshop details

- 6 participants
- 2 NLR EBT facilitators
- 2 days
- Delivered in a classroom at a location of your choice; NLR can also host it in Amsterdam

Instructor Concordance (ICAP) Workshop



Develop an ICAP programme that serves you and your instructors

An EBT programme is most effective when the quality of training data is good. This comes down to the instructors' ability to assess accurately and in a standardised way. EASA regulations require EBT programmes to monitor instructor assessment accuracy and consistency through an Instructor Concordance Assurance Programme (ICAP). Concordance is measured in two key metrics:

Agreement: do instructors provide similar assessments?

Alignment: are the instructors aligned to company standards?

In this workshop, NLR works with you to develop an ICAP programme that is scaled to the size and complexity of your training organisation. We introduce novel techniques to run an ICAP programme that keeps instructors motivated, gives valuable concordance insights (e.g. into the data) and makes the most efficient use of your instructor's time. This workshop also helps design an implementation roadmap for your ICAP and standardisation programme.



Workshop highlights

- Make an ICAP work for you and your instructors
- Design a time-efficient ICAP that will keep your instructors motivated and feeling supported
- Learn the techniques that are best suited to your training organisation
- Leave the workshop with a usable ICAP design and implementation plan



Workshop details

- 2 days
- 2 NLR EBT trainers
- 3-4 participants
- At a location worldwide; can also be delivered online

Data Analytics Workshop



Make your data work for you, not the other way around

An EBT programme generates a lot of training data about pilot performance, and EBT and training managers are expected to make sense of this data and use it to steer the EBT programme. It is easy, however, to drown in this data when trying to determine which areas really need attention.

This workshop empowers your EBT programme using a thorough approach to working with your training data. This includes developing analytics for trend analysis, demographic analysis and ICAP/concordance analytics. We also address data privacy and security, and help determine acceptance criteria and notification criteria. We can work with your existing analytics software or tools, or help you choose a new setup.



Workshop highlights

- Collaborative workshop that delivers a usable analytics strategy
- Learn about analytics pitfalls and best practices, and understand the underlying logic
- Setup privacy policies, acceptance criteria and contingencies
- Address both training and ICAP data
- Modify or set up your analytics tools



Workshop details

- 2 days
- 1 NLR facilitator
- At a location of your choice; also available remotely

EBT Manual Template



Get a head start on the paperwork, and benefit from our EBT knowledge by using this template

Implementing an EBT programme requires documentation of the programme within the OM-D and (optionally) in a separate EBT manual. Royal NLR now features an EBT manual template that saves a lot of work in fundamental EBT documentation, while still tailoring it to your specific operations and EBT programme. Our manual features complete coverage across all EBT elements – from instructor training to module design and training policies.

This manual includes compliance references for EASA EBT regulations and has been built to comply with the EASA EBT framework. Furthermore, this template also provides a framework for integrating risks from your risk assessment, so that mitigations are correctly described in your EBT manual.

In a series of face-to-face or online meetings, we adjust this template with you so that it matches your operations and EBT programme. A final manual is delivered that becomes part of your training documentation.



Template highlights

- Save yourself a lot of documentation work and expedite your EBT implementation
- Integrate Royal NLR's expertise into your EBT manual
- Customised to your EBT programme and risk assessment
- Build on the EASA EBT regulatory framework

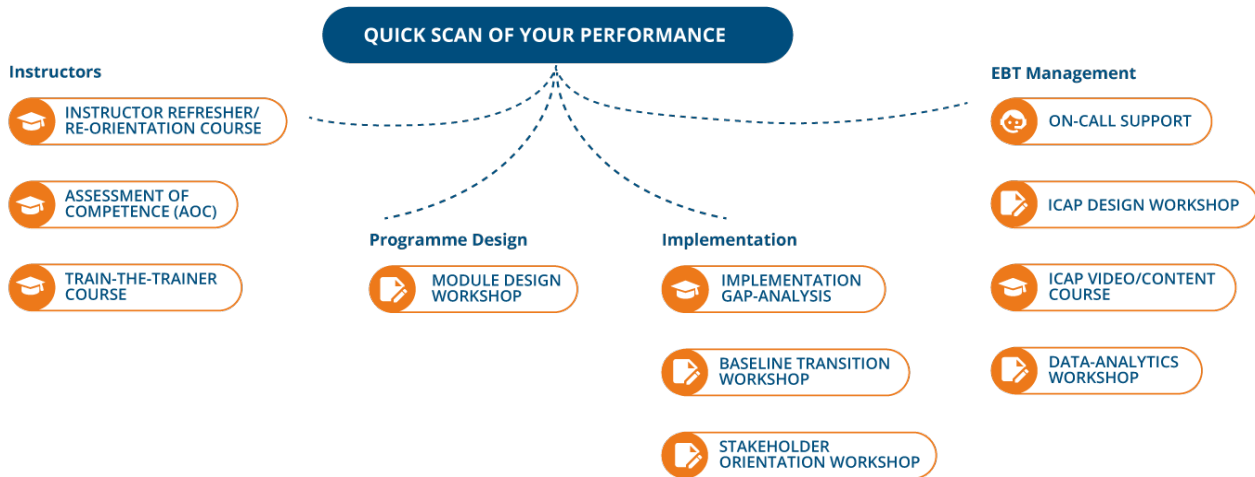


Template details

- Covers all EBT elements
- Facilitated and compiled by NLR
- Delivered in a final Microsoft Word document



Find the problem, get the solution





Advance your EBT programme

We'll help you keep your EBT programme running smoothly and take it to the next level

If you are an operator or ATO who is already running an EBT or CBTA programme, but looking to improve its effectiveness or efficiency, or if you are running a mixed EBT programme and looking to transition to baseline EBT, NLR takes a root-cause approach to understanding where your programme works, and where it is not running so smoothly. Every EBT programme is different and we do not believe in one-size-fits-all solutions. Our team can provide you with a unique EASA-approved baseline EBT experience that will help you make a smoothly transition to baseline EBT.

A thorough understanding of your EBT programme lets our support modules help address problems by looking at the underlying causes (and not just treating the symptoms). Explore the different ways in which we can help boost your EBT programme performance and contact us for an initial consultation on your concerns or performance ambitions.



Overview of EBT advanced workshops and courses

EBT Programme Quick Scan

Not sure what the problem is? We can help you identify the root causes of the rough patches in your EBT programme and set out an approach to ensure smooth running.

EBT Instructor Refresher Course

The transition to EBT is a big change for most instructors. This short course realigns them with CBTA core principles and best practices.

EBT Assessment of Competence (AoC)

Set out EBT standards internally and ensure that your instructors have an AoC before transitioning to Baseline EBT.

Train-the-Trainer Course

Make sure your in-house programme is the best it can be for new instructors, and for standardisation training of your existing instructor group.

Module Design Workshop

Together we design a (partial) module and practice new techniques to develop more effective scenarios and briefings.

Implementation Gap Analysis

If you are struggling with implementing EBT, we can help you get back on track and clear a path to complete your implementation of EBT or mixed EBT.

Baseline EBT Transition Workshop

Reduce the risk of not getting to baseline EBT: this workshop reviews your programme taking into account (EASA) standards and identifies the steps to be taken to transition to baseline EBT.

Stakeholder Orientation Workshop

It is important to align your stakeholders with your EBT goals. We are here to encourage a new dialogue that allows EBT to move forward safely and responsibly.

On-Call EBT Support

Sometimes you need some extra support, something specific or just have a few questions. We are here to help you on a daily basis and keep you moving forward.

Instructor Concordance (ICAP) Workshop

Baseline EBT requires an ICAP and it is best practice for all EBT programmes in general. We help you design an ICAP tailored to the size and complexity of your EBT programme.

ICAP Reference Material Design Course

Learn how to develop high-quality videos, cases and standardisation programmes that make your ICAP and standardisation programmes effective.

Data Analytics Workshop

If you are drowning in data, make that data work for you – not the other way around. We set up the analytics that you need, and help you gain insight into the data you already have.

EBT Programme Quick Scan



Understanding what does and doesn't work – and why

As you gain experience in running an EBT programme, you may notice that some elements fail to work as well as you would like them to, as is to be expected in a paradigm shift such as EBT.

NLR believes in effective and targeted support aimed at reliable improvement of your EBT programme. This requires a quick review of your programme to understand in what way it is and isn't working for you.

This quick scan is quick: within a matter of days or weeks, it can provide a clear picture of your EBT programme, and pinpoint the root causes of problems and concerns. This not only provides a good starting point to identify what actions or support are needed (ensuring more cost-effective measures), it also gives you a framework to review whether these actions have worked. We help you understand the dynamics of your EBT programme.



Workshop highlights

- Quick, accurate and insightful
- Identifying root causes, and not symptoms
- Providing an overview of the recommended solutions
- Applicable to any type of EBT or CBTA programme



Workshop details

- Can be completed at short notice
- Results within a matter of weeks
- Engaging all of NLR's EBT/CBTA expertise

EBT Instructor Refresher Course



Inspiring and engaging your instructors

We believe that instructors really should receive the support they need because it is their abilities that lie at the heart of an effective EBT programme. This course is a one or two-day course aimed at refreshing the knowledge of instructors who have already been trained in EBT, empowering them with the new energy and skills to boost your EBT programme. The course includes many elements from our EBT Initial Instructor Course but is completely tailored to work with the existing skills, knowledge and attitudes that course participants bring into the classroom. This course is therefore always preceded by a brief customisation so that it may match the participants' needs.

This course may also form part of your recurring training programme for instructors and can be integrated into our EBT Train-the-Trainer course.



Course highlights

- Adjusted to the needs and pre-existing instructor experiences
- Highly engaging and facilitated: we train from the inside out
- Works with examples and cases from your instructors' own experiences
- Integrating the latest best practices from EASA, IATA and ICAO
- Covering all major elements of EBT training delivery



Course details

- 1 or 2 days (adjustable)
- 8- 10 participants
- 2 NLR EBT trainers
- Handouts included
- Can be delivered worldwide, or hosted at NLR in Amsterdam



Baseline EBT Transition Workshop



Clearing the way for the next level of resilience training

Whether you are looking to evolve to baseline EBT under EASA or another regulatory framework, this workshop helps you to generate a plan efficiently and in good time. Under EASA, transitioning to baseline EBT requires operators to demonstrate several important functionalities such as data-driven training, an effective ICAP and sufficient customisation to their operation, with at least three years of mixed EBT experience building. However, every EBT programme is unique and each authority must also determine (with the operator) acceptable performance levels for transitioning to true performance-based training. This workshop supports operators in two ways:

1. It promotes a dialogue between the operator and the authority to set a common goal and standards that are reasonable and represent the intention of baseline EBT regulations.
2. It generates an implementation plan for the operators (which can optionally also function as an oversight plan for authorities), that provides a clear set of actions and objectives based on which operators can achieve baseline EBT approval.

This workshop caters for an improved understanding of how baseline EBT works you leave the workshop with an executable plan.



Workshop highlights

- Facilitates setting performance acceptance criteria for baseline EBT
- Aligns operator and authority for baseline EBT approval
- Delivers an actionable implementation plan



Workshop details

- 1-2 days as needed
- 1 NLR facilitator
- Engage NLR's EBT and oversight expertise
- Can be delivered worldwide

On-Call EBT Support



Get the expertise how you need it, when you need it

While you are implementing EBT or running an EBT programme, you may occasionally have questions, problems or actions that need to be addressed. While some operators may have a large and dynamic EBT team to take care of these at all times, you may be looking for some extra assistance or specific expertise that is hard to find.

We realise that you do not always want or need a course or workshop to receive input from experts and advisors. NLR therefore offers its expertise on an easy, on-call basis. Our on-call EBT support is fast and flexible and it comes in various forms varying from a phone call, engaging in meetings or being an interim part of your EBT team to help keep the ball rolling.



Support highlights

- Direct line to EBT expertise whenever needed
- Simple framework: no complicated contracting
- Flexible: from a few meetings to an extra team member
- Access to valuable expertise in EBT management, training and regulations



Support details

- Access to all of NLR's EBT team members
- Anytime, anywhere
- You only pay for what you use; no budget commitments

ICAP Reference Material Design Course



Boosting your instructor concordance programme

When assessing instructor concordance, it is important to respect the limitations of certain concordance approaches, preventing ambiguous conclusions and unreliable statistics.

This course trains your EBT team in best practices for creating reference material for an ICAP programme including not only videos but also alternative methods. The course teaches how to develop videos that provide proper assessment scenarios, how to set up assessment reference grades ("gold standards") and how to run an efficient and effective concordance session with instructors. In this course, an initial script is developed and practised together to maximise the transfer of practical skills and knowledge. In addition, the course will deliver a schedule for developing reference materials including videos, and connect with your existing or planned ICAP programme.



Course highlights

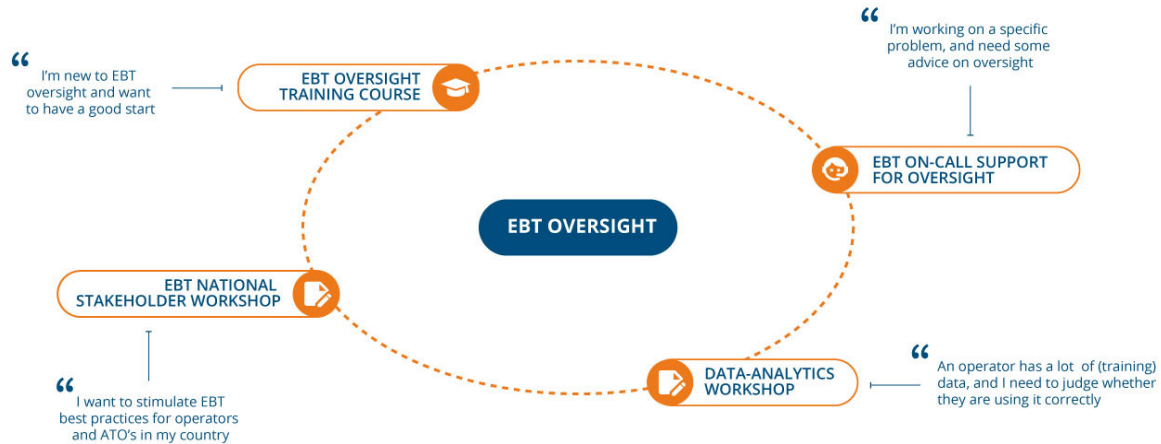
- Why good reference material makes or breaks your ICAP
- Best practices for scripts and filming
- Best practices for concordance training
- A draft script and an ICAP schedule



Course details

- 2 or 3 days (can be adjusted for more material)
- 2 NLR EBT trainers
- Max 6 participants
- Can be delivered worldwide, or at NLR in Amsterdam

Be ready for Evidence Based Training





Effective EBT Oversight

Preventing pitfalls and encouraging best practices

EBT introduces a specific challenge to national authorities: the shift from criteria-based oversight to performance-based oversight in training. To develop resilience in specific operations, each EBT programme must be unique, and as an inspector you need to be properly informed if you are to be able to identify when an EBT programme is flourishing and when it is floundering. Furthermore, continuous improvement is a core EBT value, and authorities must – as well as monitoring compliance – also encourage operators to evolve their EBT programmes, as this truly develops aviation safety.

Royal NLR's long-standing experience in safety oversight is combined with training to offer unique support for authorities as EBT is implemented under their jurisdiction.



Overview of EBT oversight support and workshops

EBT Inspector Training Course

Get your inspectors up to speed with the latest regulations, best practices and insights. Engaging, inspiring and empowering.

EBT On-call Oversight Support

Sometimes you may have specific questions that need quick answers. We are here to think along with you and tackle specific issues you may encounter during EBT oversight.

EBT National Stakeholder Workshop

A truly proactive safety event: keep your operators and other stakeholders informed and inspired about EBT, and provide support in getting them there.

EBT Data Analytics Workshop

EBT relies heavily on data and as an inspector, you need to be prepared to evaluate it. We train you in applied analytics and statistics to enable you to separate good analytics from bad ones in EBT oversight.

EBT Inspector Training Course



Get ahead of the game and be ready for EBT operators

The transition to EBT is a big change in the way training is overseen. Whereas traditional compliance monitoring used to be the mainstay for much of training oversight, EBT requires authorities to take a more performance-based approach. Royal NLR's EBT Inspector Training Course prepares your inspectors to oversee all possible kinds of EBT and CBTA programmes under their jurisdiction. For authorities that fall under or align with EASA, our training course ensures your inspectors are fully knowledgeable on the latest EASA regulations and guidelines, including changes in both OPS and FCL oversight. This course takes a very engaging approach to empower and inspire your inspectors with the right knowledge, skills and attitudes to oversee an EBT programme. It covers EBT principles, CBTA techniques and best practices, EBT programme and module design, analytics oversight and performance-based oversight (PBO) criteria and EBT approval pathways. Our course is completely aligned with EASA ARO.OPS.226 inspector training requirements and provides a powerful skill set for oversight that will encourage operators to develop their EBT programmes, ensuring more resilient operators and safer skies.



Course highlights

- Provides a powerful framework to oversee performance-based training such as EBT
- Fully compliant with EASA ARO.OPS.226
- Tailored to national regulations where needed
- Engaging: plenty of oversight exercises, cases and practice
- Addresses performance acceptance criteria



Course details

- 3 days
- 2 NLR EBT trainers with oversight and EBT experience
- Can be delivered worldwide, or at NLR in Amsterdam

EBT On-Call Oversight Support



EBT oversight guidance – when and where you need it

Whether you are overseeing an initial approval for Mixed EBT, continuous oversight of a baseline EBT programme or anything in between: as an inspector or authority, you will run into specific situations for which you may not have an answer. In these cases, Royal NLR can support you with swift and immediate expertise in CBTA, EBT metrics, acceptance criteria or any other EBT questions you may have.

NLR offers its expertise in a lightweight framework, where you can tap into our expertise with brief phone calls, meetings or our participation during events. We are here to support effective and efficient EBT oversight – the way you need it.



Support highlights

- The amount and type of support that you need
- Direct line to EBT expertise – anytime, anywhere
- Flexible: from a few meetings to an extra team member
- Access to valuable expertise in EBT management, training and regulations (including EASA)



Support details

- Access to all of NLR's EBT team members
- You only pay for what you use; no budget commitments
- Simple framework: no complicated contracting

EBT National Stakeholder Workshop



Inspire a better way of pilot training

As an authority, you can encourage better pilot training with EBT and facilitate a way forward for operators. However, this workshop can be initiated by any stakeholder (e.g. a national pilots' union). The workshop is an interactive and engaging one-day programme in which numerous aspects of EBT are addressed and discovered by all stakeholders. It can also encourage national networking for those with experience and those with goals or questions relating to EBT: this workshop promotes a healthy forum for understanding, collaboration and stimulating better training. The goal of this workshop is twofold: (1) to inform stakeholders of the availability of EBT, the potential benefits and how it may be approved by the NAA, and (2) to align stakeholders in their understanding of EBT, mitigating misinterpretations of principles and regulations. This workshop introduces EBT topics such as background and philosophy, CBTA practices and techniques, programme structures, data analytics and privacy, cost-benefit and implementation steps. Where possible, our workshop integrates existing experience, stories, questions and concerns to make the workshop as valuable as possible for all those attending.



Workshop highlights

- Encouraging best practices
- Standardising understanding and a level playing field for all
- Engaging and informing all stakeholders about EBT
- Initiate a national forum on EBT/CBTA



Workshop details

- 1 day
- 2 NLR EBT facilitators
- At a location of choice, or at NLR in Amsterdam
- Online attendance is possible, but not recommended

EBT Data Analytics Oversight Workshop



Know the details, ask the right questions

Any authority intending to oversee an EBT programme (including Mixed EBT) must know how to differentiate between effective EBT and ineffective EBT. Given that the merit of EBT training programmes is demonstrated by performance data, inspectors must understand what they are looking at and draw valid conclusions. This workshop ensures that participants (i.e. inspectors) understand the difference between real metrics and vanity metrics. Participants will also collaborate with NLR experts to determine appropriate limits and acceptance criteria (e.g. for training effectiveness, ICAP, individual and group pilot performance and baseline approvals).

This workshop is primarily geared toward authorities that have to connect (state) air safety standards to EBT performance indicators and set national EBT standards accordingly. The workshop may also include operators, facilitating a shared understanding of what is needed, and stimulating a growth mentality instead of a compliance-oriented mentality.



Workshop highlights

- Understanding which metrics, data and analytics are valid
- Setting national acceptance limits for EBT performance data
- Practice various cases and exercises
- Optionally including other stakeholders to stimulate shared learning and a growth mentality



Workshop details

- 1-2 days (can be adjusted as needed)
- Max 10 participants
- 2 NLR EBT facilitators (only one for smaller group sizes)
- At a location worldwide of your choice, at NLR in Amsterdam or online.



NLR in brief



One-stop-shop



Global player with
Dutch roots

100+

Since 1919



Amsterdam, Marknesse
Rotterdam, Noordwijk, Brussel



Innovative, involved
and practical



For industry and
governmental



For civil and
defence



725
staff



€ 100 M turnover



69% Dutch, 24% EU
and 7% worldwide



Active in 29+ countries



Extremely high
customer satisfaction

About NLR

Royal Netherlands Aerospace Centre

NLR is a leading international research centre for aerospace. Its mission is to make air transport safer, more efficient, more effective and more sustainable. Bolstered by its multidisciplinary expertise and unrivalled research facilities, NLR provides innovative and comprehensive solutions to the complex challenges of the aerospace sector.

NLR's activities span the full spectrum of Research, Development, Testing & Evaluation (RDT&E). Given NLR's specialist knowledge and state-of-the-art facilities, companies turn to NLR for validation, verification, qualification, simulation and evaluation. They also turn to NLR because of its deep engagement with the challenges facing our clients. This lets NLR bridge the gap between research and practical applications, while working for both government and industry at home and abroad.

Royal NLR stands for practical and innovative solutions, technical expertise and a long-term design vision regarding their fixed-wing aircraft, helicopters, drones and space exploration projects. This allows NLR's cutting-edge technology to find its way also into successful aerospace programmes of OEMs like Airbus, Boeing and Embraer.

Besides EBT, Royal NLR can support you with:

- **Blended Learning**
Integrate new training technologies effectively
- **Startle & Surprise Training**
World-class startle & surprise training integrated into pilot training courses
- **Fatigue Risk Management**
Access our Human Performance R&D on fatigue management
- **Training Culture Transition**
Get your workforce onboard with the help of our Transition Team

For more information about evidence-based training:

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