

Risk mitigation through data informed training

Guiding airlines through insurer-supported safety investment programs

Transforming training, safety, and operational data into a connected risk mitigation strategy

Reduces operational risk

Moves training beyond compliance into a proactive risk mitigation strategy, using safety data to identify and address root causes before events occur.

Improves training effectiveness

Aligns CBTA, safety data analytics (SDA), and competency mapping to make training more relevant, data-driven, and tailored to actual operational needs, while also enabling the tracking and measurement of training impact on safety outcomes to demonstrate measurable results.

Enhances pilot experience and resilience

Delivers more relevant, competency-based training that prepares pilots for real operational challenges, builds confidence, and strengthens resilience in complex line operations.

The challenge

Current airline training programs and flight operations can be fragmented and disconnected, with the three core functions—operations, training, and safety management—working independently and not fully leveraging data across all areas. If fragmentation continues, airlines remain in reactive mode—responding to exceedances instead of preventing them. Training investments lack measurable ROI, systemic risks remain hidden,

and insurers and regulators see limited evidence of proactive safety management. This increases operational exposure and weakens confidence in long-term safety performance.

The solution

Investing in safety through the evolution of the training ecosystem

Boeing integrated approach empowers airlines to transform training from a fragmented compliance task into a comprehensive, integrated system that reduces risk, enhances training effectiveness, and delivers measurable improvements in safety and risk mitigation.

Boeing provides the products and services to connect the data flow between these three core functions by integrating competency-based content, digital grading, operational analytics, and safety management systems (SMS) linkage into one system.

Benefits of Boeing program

- Support in identifying operational issues & safety risks to enable effective management.
- Measure effectiveness of training programs in developing pilot resilience.
- Access to a comprehensive learning library and competency development resources.
- Benchmarking of operational safety performance against industry peers.
- Provide a structured framework for CBTA-EBT implementation.
- Support regulatory engagement as part of a change program.
- Provide long term professional consultation and advisory support.
- Opportunities to help shape future advanced training products and services.

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Supporting airlines with insurer-funded safety programs

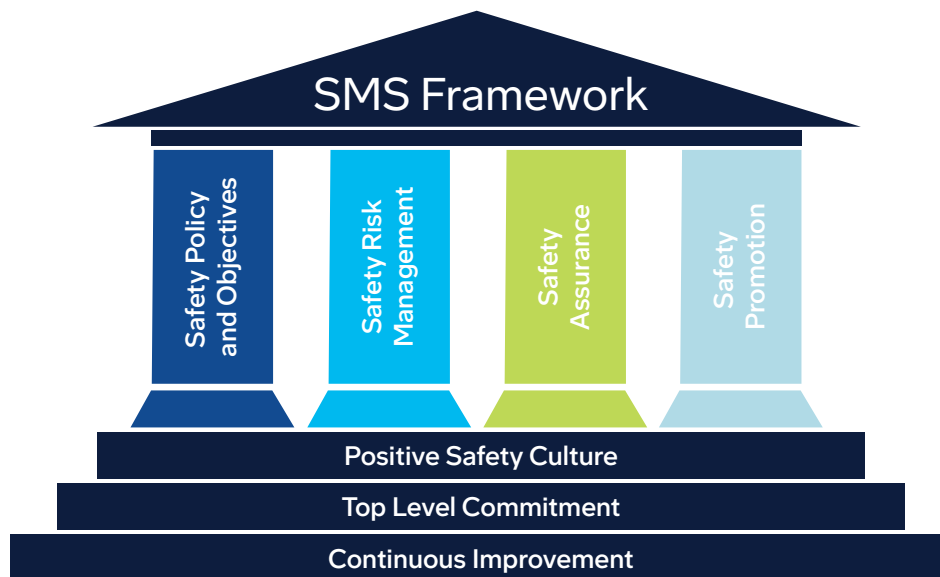
Many airlines may already have access to insurer-supported safety enhancement funding through aviation insurance arrangements and industry safety bursary programs. Boeing helps airlines position CBTA and SDA implementation as a proactive safety investment that may qualify for insurer-supported funding initiatives.

Best practice is for airlines to engage their insurance focals within Finance to:

- Identify their insurance broker or aggregator (Marsh Aviation, for example is familiar with the Boeing program)
- Identify their aviation insurers
- Determine whether annual bursary funds are available for safety-enhancing programs

Airlines should work with the focal from their broker to request access to approximately \$150K–\$300K (This figure is provided as an example and may vary by airline) annually for safety-enhancing initiatives. Additional supporting materials can be provided to help airlines strengthen approval discussions with insurers and aggregators.

In the past, airlines have successfully received support and funding through aviation insurers and industry partners such as Marsh, AXA XL, Allianz Group, Chubb, and Willis, among others, for safety-enhancing and operational risk reduction initiatives.



Schedule a session to explore the Total System Approach and identify how Boeing may support your insurer-funded safety initiatives.