



# FlightSmart®



## Provides Critical Insight into Student Performance

FlightSmart®, developed in conjunction with IBM, is FlightSafety's fully integrated training program designed to create a new industry standard for personalized training plans that employs Artificial Intelligence and Machine Learning methodologies. FlightSmart gives instructors objective measures to evaluate and improve student performance. It leverages the data-rich training environment and utilizes advanced analytics to autonomously provide meaningful individualized insights.

## Enhances the Training Process

FlightSmart allows remediation and training plan adaptation. A complete assessment of the training environment supports effective adaptive learning and program refinement. Empowered with these sophisticated insights, instructors serve as learning managers.

## How FlightSmart® Works

- Objective measurement of training tasks, competencies and standard operating procedures
- Automatic identification of training tasks results in reduced instructor burden
- Measures pilot's aircraft control scientifically, evaluating performance against a gold-standard baseline
- Machine Learning-based root cause analysis of performance generates student-specific performance remediation
- AI and advanced analytics predict student's future performance and success, levels of mastery and adaptive learning results
- Native AI and adaptive learning algorithms evaluate data from the entire training ecosystem to provide more robust results and complete adaptive learning capabilities



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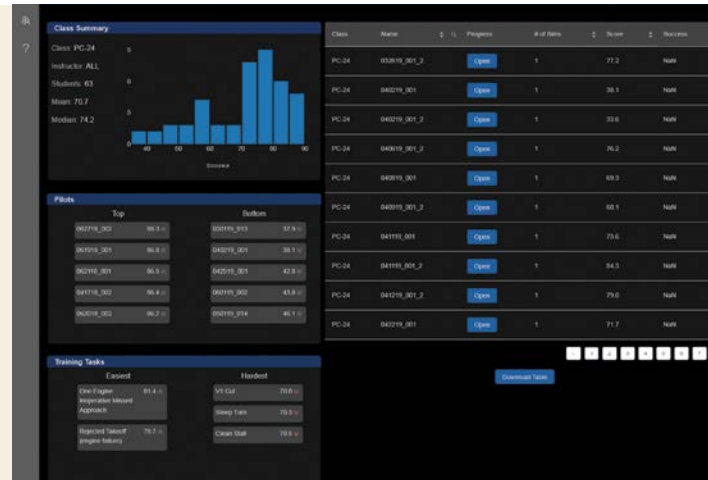
**FlightSafety**  
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## Features and Attributes

- Delivers objective and intelligent assessment of pilot performance throughout the training environment
- Partnered with IBM, the leader in AI and global scalability with enterprise AI solutions
- Reduces student time to task mastery and increases course throughput, helping ease pilot shortage
- Allows personalized training paths, as opposed to a rigid, one-size-fits-all syllabus
- Enables instructors to become learning managers, empowered with real-time insights
- Provides insights into student performance drivers not otherwise available to the instructor
- Functions in real time and is integrated across all levels and media of training
- Accommodates government and commercial cloud and on-premises implementations
- Has varying levels of student or population identification to meet Customers' need
- Supports adaptive learning, competency-based training and assessment (CBTA), and evidence-based training (EBT)
- Presents pilot and population-level insights into their successes and struggles over time
- Identifies gaps and trends in individual student or population performance, leading to improvements in training curriculum
- Serves as the bedrock for standardized flight training



## Additional Benefits

- Instructors are able to provide the pilots with tangible, individual-specific feedback and corrections
- Promotes instructor standardization through objective evaluation of student performance
- Adaptive curriculum yields
  - Higher proficiency level pilots within each phase of training
  - Reduced training cycle time and attrition, saving time and money
- Enhances organizational training efficiency
- Reduces student attrition and additional training requirements through early recognition and intervention



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