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RCMOS – Multidisciplinary Scientific Journal The Knowledge.
ISSN: 2675-9128. São Paulo-SP.

Year VI, v.2 2025 | Submission: 05/12/2025 | Accepted: 09/12/2025 | Publication: 11/12/2025

Training governance and pedagogical innovation: structuring operational safety and VIP service programs in civil aviation.

Training governance and pedagogical innovation: structuring operational safety and VIP customer service programs in civil aviation

Training, governance and pedagogical innovation: structure of operational safety programs and VIP service in civil aviation

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Abstract

This article analyzes the integration of modern teaching practices and information governance processes in the corporate training of cabin crew. In a sector marked by the rigorous demand for operational safety, the study evaluates the effectiveness of B2B consulting models focused on optimizing airline curricula. The work documents the structuring of preparatory seminars, VIP hospitality training, and advice on setting up emergency simulations. Through a qualitative analysis, it is demonstrated that the application of dynamic teaching methods reduces learning time and improves response under pressure. It concludes that the support of specialized external consultancies, especially in high-volume markets such as the United States, raises flight safety standards, improves crisis management on board, and enhances the efficiency of corporate training.

Keywords: Flight Safety, Corporate Training, Innovation Governance, VIP Service, Human Factors.

Abstract

This article analyzes the integration of modern teaching practices and information governance processes into the corporate training of cabin crew members. In a sector marked by strict operational safety requirements, the study evaluates the effectiveness of B2B consulting models focused on optimizing airline curricula. The work documents the structuring of preparatory seminars, VIP hospitality training, and advisory services for organizing emergency simulations. Based on a qualitative analysis, it demonstrates that the application of dynamic teaching methods reduces learning time and improves responses under pressure. It concludes that the support of specialized external advisory services, especially in high-volume markets such as the United States, elevates flight safety standards, enhances onboard crisis management, and improves the efficiency of corporate education.

Keywords: Flight Safety, Corporate Training, Innovation Governance, VIP Customer Service, Human Factors.

1. Introduction

Civil aviation imposes a standard of excellence where the margin for error is practically nonexistent.

nonexistent. Within this high-risk scenario, cabin crew members assume responsibility.

The primary responsibility lies in the physical safety of passengers and in managing crises inside the aircraft.

To prepare professionals to handle emergency evacuations, depressurization, and firefighting.

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Fire safety requires a teaching structure that goes beyond simply reading regulations. The classroom of Aviation needs to reflect the dynamic and unpredictable reality that professionals will encounter thousands of times over. meters high.

Despite the technological resources invested in aircraft engineering, the methodology used in Many airlines' cabin crew training is still rigid. The excessive focus on compliance The minimum hours required by regulatory authorities cause companies to adopt practices of teaching methods based solely on rote memorization. This model of memorization serves bureaucracy. but it fails to develop the critical thinking skills necessary for the crew to make quick decisions. and safe during real emergencies.

This study aims to evaluate how the inclusion of new pedagogical practices and governance... Data-driven learning can modernize corporate education in the aviation sector. The article details the creation of... Consulting models focused on improving safety training and service. VIP. Furthermore, the feasibility of expanding these specialized services to the market is being analyzed. from the United States, demonstrating how external consulting helps airlines to to train more skilled and efficient crews.

2. Methodology

The research was developed using a qualitative approach, divided into research. bibliographic research and corporate process modeling. In the initial stage, a survey was conducted of Literature focused on human factors, knowledge management, and aerospace instruction standards. Key documents from the International Civil Aviation Organization (ICAO) were consulted. and established studies on human behavior under severe stress, forming the basis of Understanding the shortcomings of traditional training.

In the second phase, academic knowledge in the areas of Literature and Innovation Governance was... applied to develop a practical B2B consulting model focused on aviation. Starting from Based on practical experience in flight operations, an educational services plan was structured. This plan This includes auditing emergency simulations, creating courses on onboard hospitality, and... Technical instruction for crew members on specific aircraft, such as the Airbus A320 and Boeing lines. 777.

The final step consisted of designing the application of this consulting model in the market of Air transport in the United States. The current context of North American aviation academies was evaluated. American and FAA operational incident reports. This cross-referencing of data ensured

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that the solutions proposed in the research would have practical and immediate application, serving as a guide.
Real for training managers looking to improve the quality of their flight teams.

3. The Reality of Operational Training on the Front Line

Cabin crew training has undergone significant changes throughout history.
aviation. Initially focused on providing luxury services and passenger comfort, the
The curriculum needed to be redirected towards operational safety management after a series of...
Accidents in past decades. Today, international bodies determine that most of the
training should be dedicated to emergency procedures, first aid, and firefighting.
fires on board.

However, the way this technical knowledge is passed on still faces barriers in the traditional classroom model. It is common for students to spend weeks exhaustively reading manuals.
from the company, trying to memorize standard operating procedures (SOPs). Memorization is
Useful for passing written exams, but cognitive science shows that knowledge alone...
Decorated is the first thing to be forgotten when the human brain is subjected to a situation of extreme panic.

During a real emergency, such as a forced landing or smoke in the cabin, the crew member experiences reactions.
Involuntary physical reactions caused by the release of adrenaline. Vision becomes restricted, and the ability to hear is impaired.
Logical thinking diminishes and is impaired. If the professional has learned to open a door...
emergence only through passive repetition in a quiet classroom, the chance of him
The probability of freezing and being unable to react at the moment of the accident is considerably high.

The solution to this problem lies in adopting teaching methods that place the student at the center.
of the learning process. Solving problems based on real-world scenarios requires that the
People think before they act. When the instructor creates a simulated situation and asks the class to...
Discuss the best way to solve it; the knowledge is then deeply retained. The crew member
He understands the reason for the rule, which makes it easier to perform the procedure instinctively during a crisis.

Consulting firms focused on educational innovation help airlines achieve this.
Methodological transition. An external consultancy analyzes the current curriculum and proposes alternative approaches.
Group work, real-world case studies, and preparatory seminars activate long-term memory. This
Prior leveling of knowledge reduces student fatigue and drastically reduces the number
of failing official exams administered by government authorities.

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The work of reviewing and modernizing corporate curricula ensures that training
Keep up with the operational reality. Invest in more participatory and action-based teaching practices.
Critical thinking transforms student behavior. The crew is no longer seen as a...
a group of people trained to obey orders and begins to act as a true team of
Security experts, capable of adapting their technical knowledge to unforeseen operational events.
daily.

4. VIP Hospitality and Onboard Conflict Mediation

Flight safety and passenger service are activities that go hand in hand in daily operations.
An airline. The quality of service provided on board is one of the most important factors.
for customer loyalty, especially in the corporate and luxury markets. Excellence in
Providing services requires social and emotional skills that rarely receive the attention they deserve.
during basic flight attendant training courses, focused almost entirely on the rules of
evacuation.
Dealing with the public on an airplane is exhausting work. The fatigue from traveling, the changes of
Time zone differences and limited space make passengers more irritable and impatient. The crew member
You need emotional intelligence to recognize these tensions and act preventively.
VIP service in aviation is not just about serving fine meals; it's about anticipating needs.
Needs, use appropriate body language, and demonstrate respect and discretion in all situations.
moments.
In addition to the need to provide good service, aviation is currently facing a crisis of
behavior. Reports from regulatory agencies point to a worrying increase in the number of
Passengers who refuse to follow instructions, argue with staff, or initiate physical aggression.
during flight. These situations threaten the integrity of the aircraft and, in many cases, require the
pilots diverting their routes and landing at unscheduled airports to remove the offender, generating
Extremely high costs for the company.
Training in conflict mediation is the best way to prevent these discussions from escalating.
of the control. With the application of knowledge of Literature and clear communication, the crew
They learn to use the right words to calm the situation. Active listening techniques and the use of a
A firm yet friendly tone of voice helps to break down the passenger's aggressive attitude. Control
Verbal communication is the primary defense of a cabin crew.
The implementation of specific workshops on VIP client management and resolution of
Friction is a smart solution offered by corporate consulting models. These classes

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The exercises simulate the most common problems encountered on flights and teach the crew how to apply the...
Concepts of nonviolent communication. Preparing professionals to defuse conflicts in a nonviolent way.
The elegant design ensures harmony in the cabin and protects other passengers who are traveling for work.
or leisure.

The financial return on investing in hospitality and communication training is evident. Crew members who
Those who know how to deal with people build a strong and positive image for the airline. At the same time
Over time, the ability to resolve problems through dialogue avoids lawsuits for assault and
It preserves the flight schedules. Excellent service is, ultimately, an extension of that.
of the company's protection and security practices.

5. Practical Simulations and the Need for New Scenarios

Practical evacuation simulations, known in the industry as *drills,* are the most common tests.
anticipated and feared aspects of safety training. Legislation requires the crew to prove,
annually, who is able to open the heavy aircraft doors, operate the inflatable slides and
guiding passengers in low-light and heavy smoke conditions. This exercise assesses agility,
Physical strength and knowledge of emergency procedures are essential for each team member.
Despite the importance of this test, many airlines make the mistake of repeating the same ones.
scenarios exhaustively. When the simulation script is always the same, the student ends up memorizing it.
The steps. He knows exactly when the smoke will appear and which door the instructor will go through.
blocking. This predictability makes it easier to pass the company's test, but creates a false sense of security.
It is a safety measure, as it conditions the professional to a controlled environment.
In a real emergency, nothing happens as planned on paper. Doors can lock because...
Due to the impact, internal cabin communications may stop working and passengers
They react with panic and despair. The crew member who was trained only with decorated and easy scenarios.
There is a high chance of freezing up when faced with an unfamiliar situation. The training routine needs to...
to be broken down so that the student learns to make quick decisions.
Specialized consulting helps solve this problem by acting as an external auditor.
An outside professional analyzes how the *drills* are set up and suggests changes based on that.
Recent real-life accidents. Incorporate surprises into the exercise, such as an intercom malfunction or a simulated accident.
A sudden fire in the bathrooms forces the crew to rethink their strategy on the spot and...
Working together to lead the evacuation.

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Table 1: Comparison between the traditional simulation model *(Drills)* and the updated model by Technical consulting.

Factor Analyzed	**Traditional Simulation (Old Model)**	**Simulation Reviewed by Consulting Firm (New Model)**
Setting the Scene	Predictable script, repeated annually.	Dynamic scenarios, with the inclusion of surprise and unpredictable problems.
Focus of Student	Passing the test by memorizing the correct movements.	Apply leadership and adapt quickly to the changing emergency scenario.
Development of Team	Individual assessment of the commissioner on the equipment.	Constant communication is required between the entire cabin crew and the pilots.
Meeting Assessment	The instructor simply tells the student what they did wrong.	The student is questioned and led to understand for themselves where the mistake occurred.

Just as important as the simulation itself is the evaluation meeting held immediately after the practical test.
This stage needs to be conducted with a focus on learning and respect. If the instructor is aggressive towards...
Pointing out a student's mistake creates an atmosphere of fear. The pedagogical advisory service trains the evaluators.
asking questions that guide the student to understand the mistake they made. The error then becomes...
to be treated as a normal part of the study process and not as a reason for punishment.
Updating how practical simulations are performed and evaluated greatly improves quality.
of the workforce. Taking crew members out of their comfort zone and placing them in front of scenarios.
Challenging drills strengthen team confidence. The airline that invests in improving its *drills*
It has the assurance that its professionals are mentally prepared to lead and protect the
public in the worst possible conditions.

6. Information Governance as a School Management Tool

Airline training centers generate a huge amount of records every day.
The months. Attendance records, theory test scores, behavior evaluation forms.
Information regarding simulators and occupational health certificates circulates daily among instructors and the sector.

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human resources. The way this information is stored and processed defines the level
company organization.
In many places, this data is still kept in a disorganized manner, whether in paper folders.
or in spreadsheets that don't communicate with each other. This lack of control means that the history of
If crew learning is lost, Information Technology Governance serves to fix it.
This flaw. It creates rules for how the company's educational data is stored in systems.
Secure, unified, and accessible only to authorized individuals.
The correct use of technology helps training managers identify problems before they occur.
They become serious. A centralized data system can cross-reference student grades and show,
For example, a large part of the team is having difficulties with a specific subject. With this
With this information in hand, the board can act quickly, hiring tutoring services or improving...
the teaching material for that subject, without having to wait until the end of the year to correct the mistake.
Protecting employee privacy is a non-negotiable aspect of data governance.
Practical class reports often contain sensitive information about weaknesses and...
Crew member emotions during the test. IT rules ensure that these reports are blocked.
strong passwords, strictly complying with labor laws and personal information protection laws,
avoiding any kind of embarrassing situation for the employee.
Governance also guides the purchase and use of new technologies for the classroom. If the
The company decided to buy virtual reality glasses to train firefighters, the IT department.
ensures that the tool actually collects information about the visual and motor performance of
The technological investment needs to deliver reliable data that assists the instructor at the time.
to give the final score, avoiding equipment that serves only as visual entertainment.
In general, structured management of school information transforms the department of
Transforming a mere cost center into a strategic sector. Managing the database of
Flight crew training allows the airline to prove to regulatory agencies that it has complete control over
the qualifications of its personnel. It is the technological guarantee that the company invests.
continuously improving its operational standards.

7. The North American Scenario and Consulting Opportunities

The United States civil aviation market is of a scale unmatched by any other.
another country. American airlines lead the world in domestic traffic, which requires
A significant number of operational staff and aircraft are in operation every day. For

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To keep this gigantic operation running without delays, the training centers need to train
New cabin crew members are being recruited at a very rapid pace.
This constant demand creates serious logistical problems. Flight academies are overcrowded.
There is a lack of physical simulators for practical classes, and instructors have limited time. The result
This pressure is reflected in the classrooms: many candidates find it difficult to keep up with the...
The demanding pace of the courses often leads to students failing the final assessments. Each failure delays their progress.
Planning flight schedules is difficult and represents a significant financial loss for airlines.

Hiring specialized consulting services is a strategic and economical solution for
Relieving the pressure on aviation schools. Business models focused on B2B education offer support.
External to companies. The creation of preparatory seminars, applied before the student enters the
The official academy facilitates understanding of the manuals and technical aspects of the aircraft. The student arrives
for the main course with a much stronger study foundation, considerably reducing the
chances of failing the tests.
Beyond the technical aspects, the North American market deals daily with the urgent need to improve...
Behavioral conduct on board. The transfer of practical knowledge from consultants.

Experienced instructors help prepare new company instructors. When the team responsible for
Training new hires involves refresher courses and mentoring with external experts.
The quality of internal training is rapidly improving, benefiting the entire aviation industry.
Establishing these consulting firms in strategic regions, such as the state of Florida, expands the
Opportunities for success. Florida is home to numerous aircraft maintenance centers and schools.
pilots and offices of international airlines. The presence of companies focused on improving
Security and customer service curricula generate technical jobs in the region and meet a need.
Real situation in the local transport sector.
The North American market is establishing itself as the ideal environment for implementing innovations.
pedagogical. The provision of outsourced educational services strengthens the safety net of
For companies, it streamlines the release of employees to work and reduces the time spent on
retraining. Helping the world's largest airline network to qualify its cabin crews is to guarantee
That the transportation of people continues to be fast, profitable, and highly safe.

Conclusion

The daily complexities of commercial aviation prove that modern airplanes need people.
equally trained to operate them. The cabin crew member is no longer seen as a supporting actor.
not just on the flight, but as the professional directly responsible for containing crises, putting out fires, and leading.

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Evacuations in seconds. The study demonstrated that exhaustive reading of technical manuals...
It is not enough to prepare the human mind to react to these dangerous situations.
Developing dynamic teaching practices is the surest way to improve...
Knowledge retention. When airlines open the doors of their training centers.
For educational audits and independent consultancies, the curriculum evolves. Discussing real problems and
Encouraging practical reasoning in theoretical classes transforms the way adult learners absorb information.
and applies emergency procedures, reducing execution errors in the workplace.
The organization of data generated by these courses through Information Governance has shown-
If necessary, centralize grades, behavior evaluations, and simulator history.
Using secure platforms allows management to visualize the strengths and weaknesses of their team.
Technology guides the management of education, ensuring that the company's time and financial resources are used efficiently.
They should be directed precisely to the training areas that need to be reinforced.
Communication skills have also proven to be an indispensable security tool. The use
The correct choice of words to calm tempers and the adoption of appropriate postures for VIP service.
It's not just a matter of hospitality. The crew knows how to mediate minor disagreements.
Managing passenger stress protects the flight from worse situations, preventing aggression and disruptions.
of unwanted routes. Behavioral training is an invisible protective barrier, however.
highly effective.

Practical simulations should reflect reality. Constant review of *drill* scenarios is essential.
It prevents training from becoming a routine and predictable activity. Introducing elements of surprise is key.
Testing and demanding quick decisions under pressure prepares the professional to face chaos. More
Rather than testing the body, modern simulations assess leadership, teamwork, and mental clarity.
of the flight attendant.

The practical application of these concepts through corporate consulting in the United States market.
The United States confirmed its strategic and economic importance. The North American aviation sector,
Overwhelmed by high demand, it needs this external support to level the knowledge of its staff.
Students before the official course. Outsourcing school intelligence to specialists helps to relieve the burden on
training centers and streamlines the qualification of thousands of workers.
The work presented reaffirms that the evolution of air safety is directly linked to the evolution...
...of how people are taught. The success of a flight depends on the correct reactions of the crew.
booth. Invest in course redesign, verbal communication, and proper administration of the
School data is not simply a management option, but a moral obligation for all companies.
who work in passenger transportation.

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It can be concluded that modernizing aviation education is the best protection a company can have.
to offer herself and her clients. The union between efficient classroom practices, control
Information technology and refined passenger service build crews.
Experienced and balanced. Respect for the flight attendant profession is demonstrated in the offering
fair, rigorous training connected to the real challenges of global airspace.

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