



**apats**2024  
S I N G A P O R E

Bridging the Gap Between Airline  
Training and ATO Ab Initio Training

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# UNPRECEDENT GROWTH OPPORTUNITY



**SALVADOR COSTA PEREIRA**

Chief Operating Officer & Head of Training | Sevenair Academy

# 100% GROWTH

▼ COMMERCIAL AIRCRAFTS - GLOBAL



**24.000 NEW  
AIRCRAFTS**

24K

24K

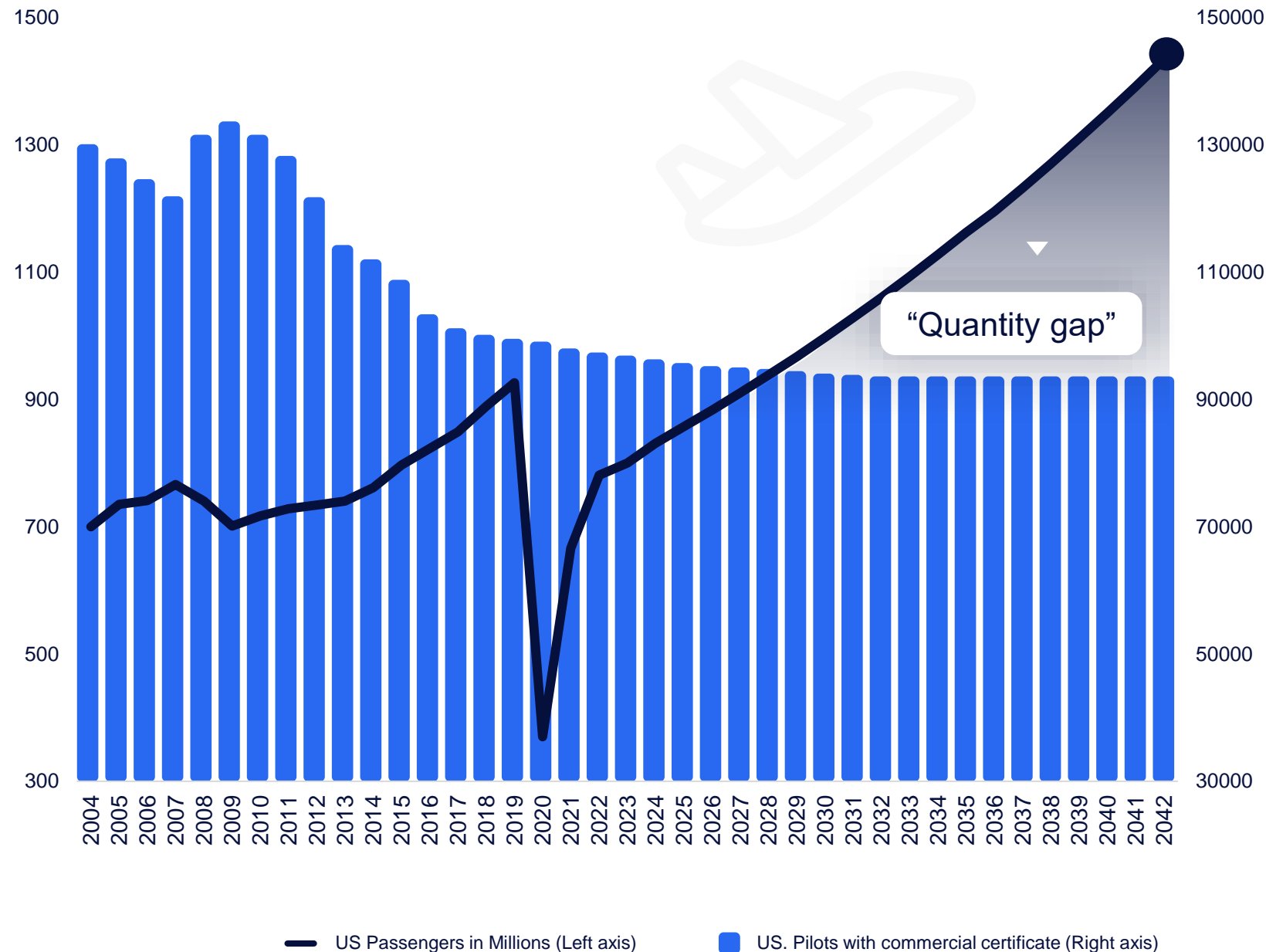
Source: Boeing, Commercial  
Market Outlook 2023 - 2042

# U.S. PASSENGER MARKET GROWTH

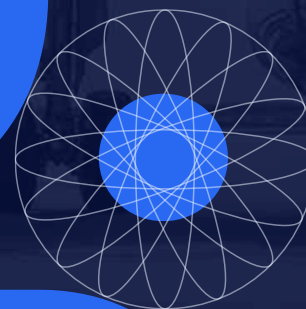
VS.

# ACTIVE PILOTS WITH COMMERCIAL CERTIFICATES

Source:  
FAA Aerospace Forecast Fiscal Years 2023–2043  
IATA Air Passenger Forecasts April 2021.  
Bureau of Transportation Statistics  
Statista Research Department



**NEW  
PILOTS**



next  
20 years

# PILOT OUTLOOK

Eurasia  
**143 000**

China  
**134 000**

North America  
**127 000**

Middle East  
**58 000**

Southeast Asia  
**58 000**

Latin America  
**38 000**

South Asia  
**37 000**

Northeast Asia  
**23 000**

Africa  
**21 000**

Oceania  
**10 000**

**+50%**



## FOR THE NEXT 20 YEARS



- Next  
20 years

342,543

NEW PILOTS/YEAR

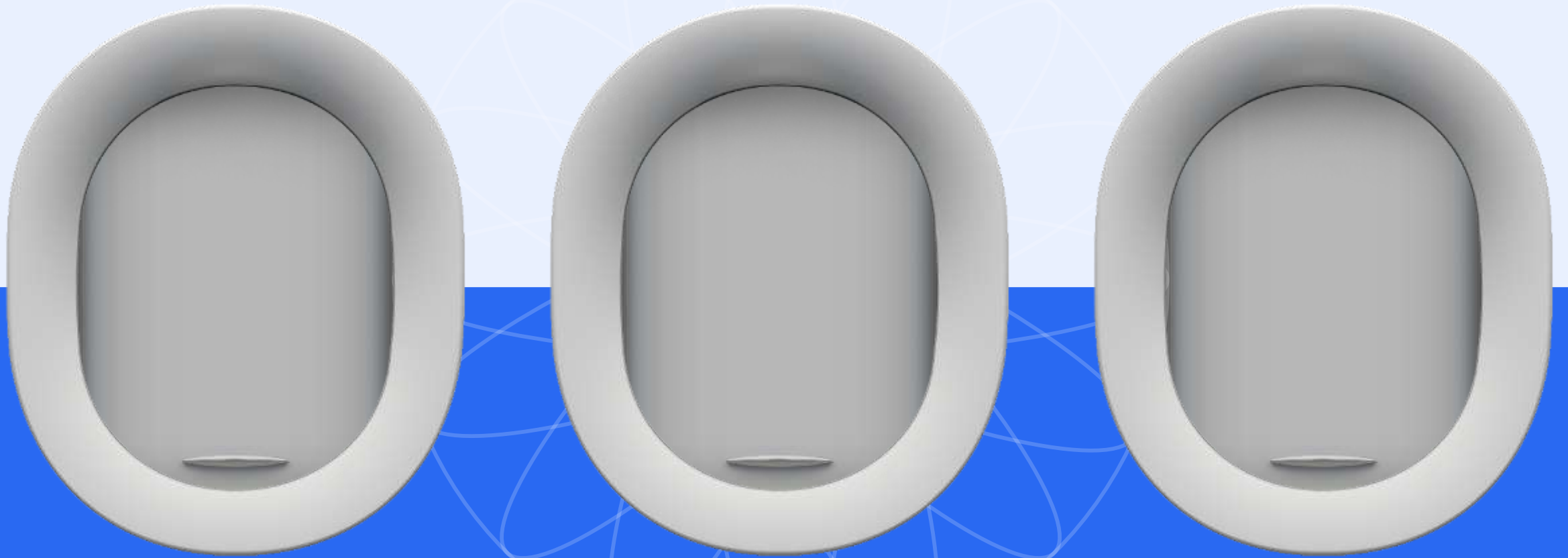
Source: Boeing – Pilot and  
Technicians outlook 2023-2042 (2023)

**HOW  
TO TRAIN  
SO MANY  
PILOTS**



**WHILE  
INCREASING  
QUALITY  
STANDARDS?**





**REVOLUTIONIZE  
AB INITIO TRAINING**



20  
23

# HOW TO REVOLUTIONIZE TRAINING

▼  
**Pilot  
Mentorships**

**01**



**02**

**Airline ATOs  
Partnerships**



▼  
**Update  
Regulation**

**03**



20  
23

# HOW TO REVOLUTIONIZE TRAINING

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01

**EXPERIENCE**

02



**NON-TECHNICAL  
SKILLS**



# BRING BACK EXPERIENCE

The skillset  
enhancement  
by learning  
from

# AN INDUSTRY SENIOR PROFESSIONAL



bridges the training gap

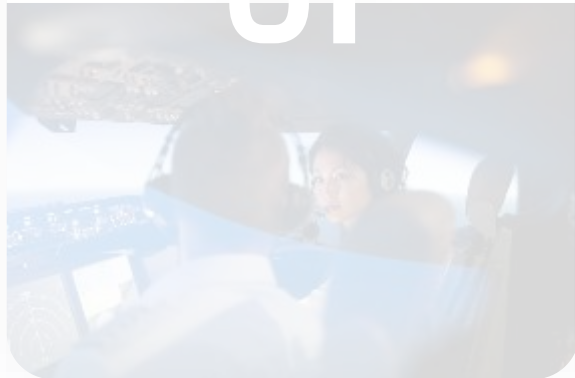


20  
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# HOW TO REVOLUTIONIZE TRAINING

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01



02

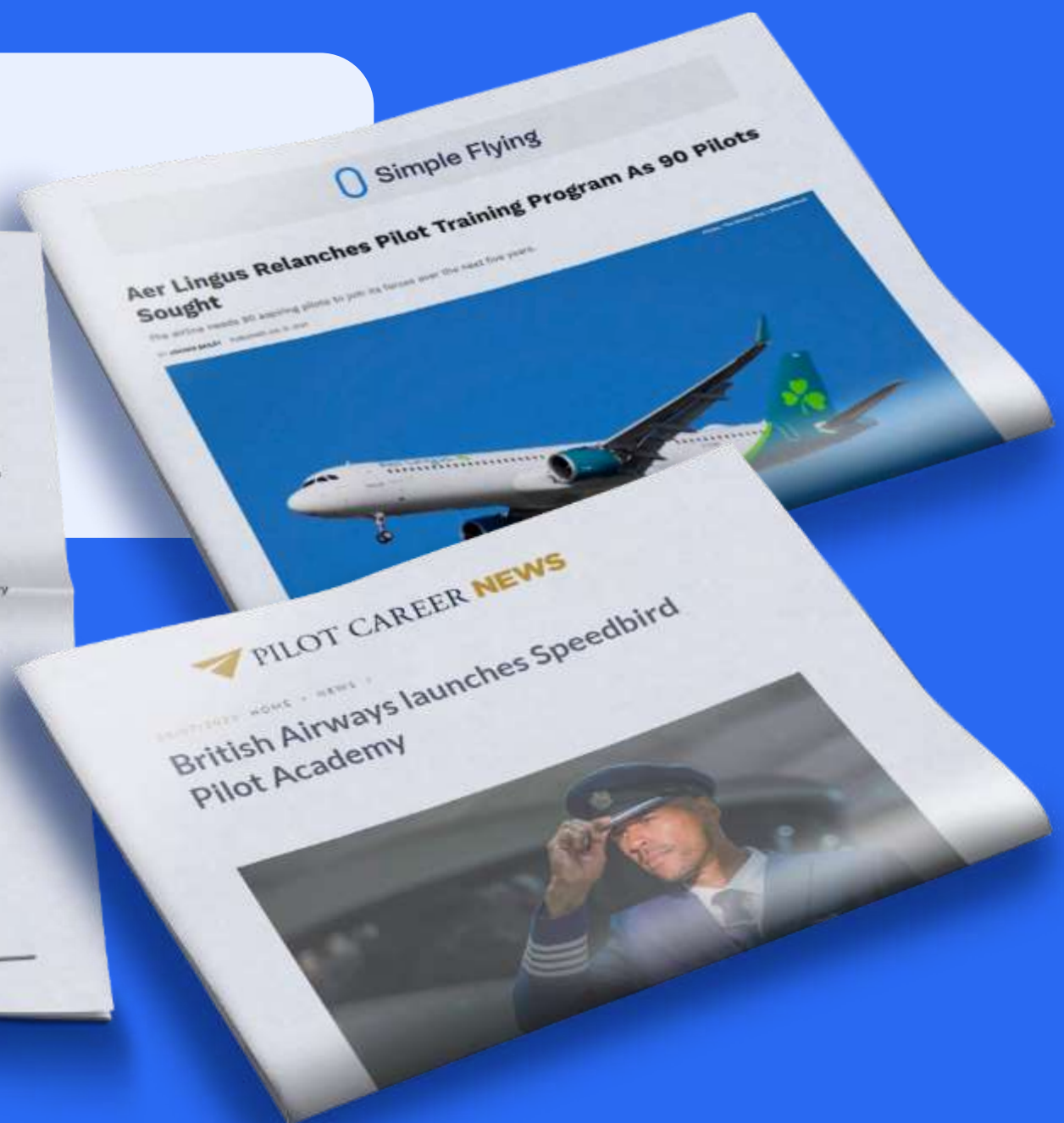
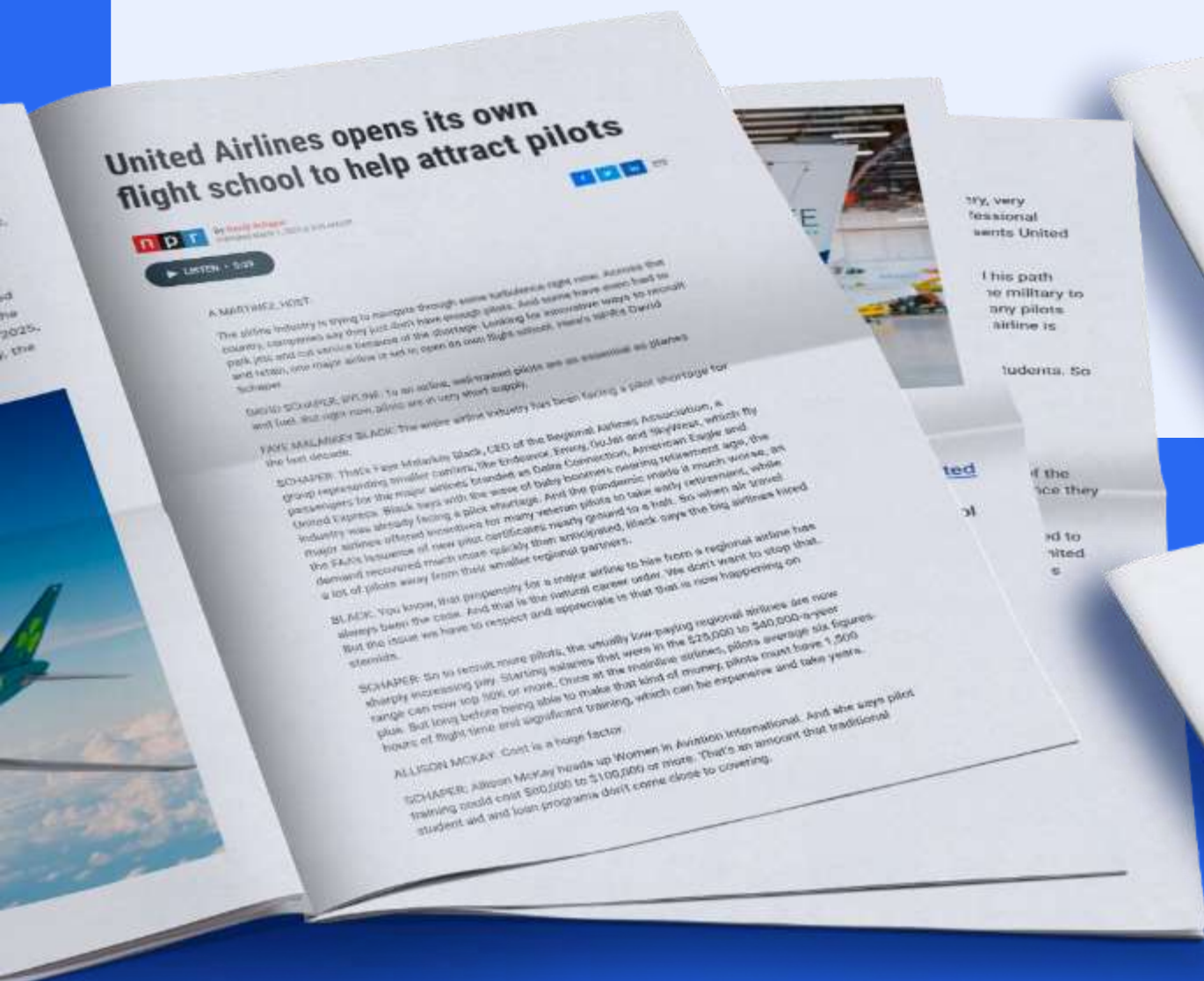
Airline ATOs  
Partnerships



▼  
Update  
Regulation

03





Source: <https://www.pilotcareernews.com/british-airways-launches-speedbird-pilot-academy/>  
<https://simpleflying.com/aer-lingus-relaunches-pilot-training-program/>  
<https://www.npr.org/2022/03/01/1083664582/united-airlines-opens-its-own-flight-school-to-help-attract-pilots>

# AIRLINES SHOULD

play a more active role at ATO  
level



▶ Long-term return

—



▶ Increased talent pool

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▶ Customized quality standards

Airlines' growth  
depends on the  
industry capacity ▶ ▶ ▶ ▶ ▶



# TO TRAIN NEW PILOTS

# PILOT TIME



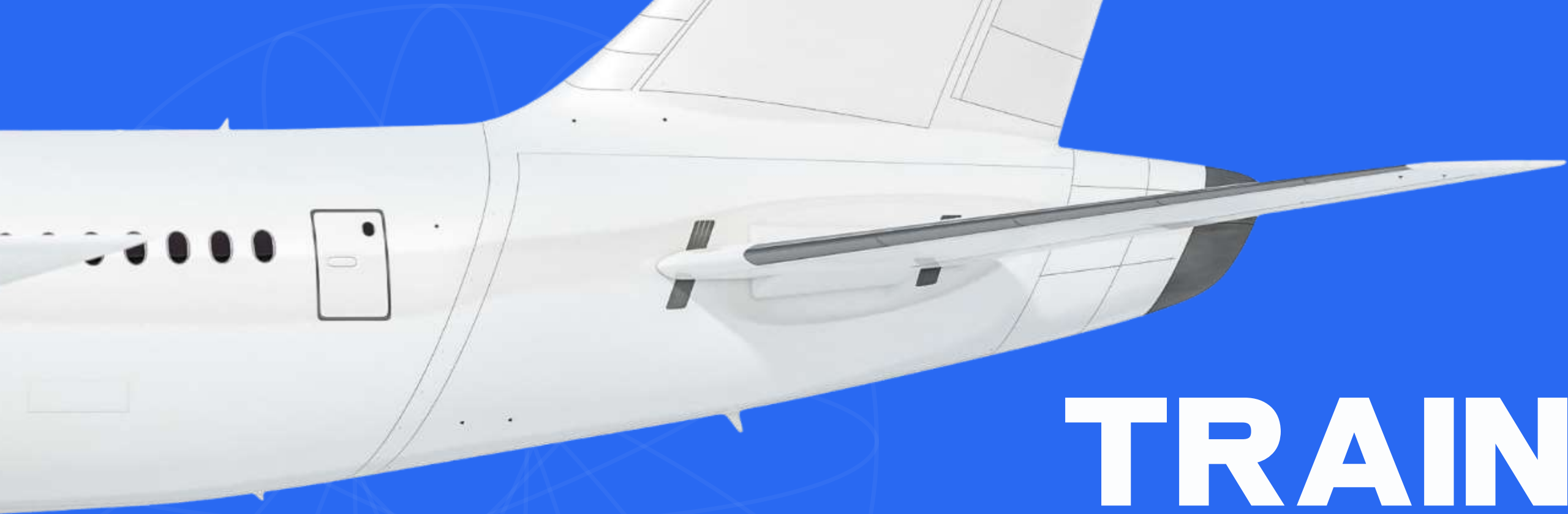
Second Job











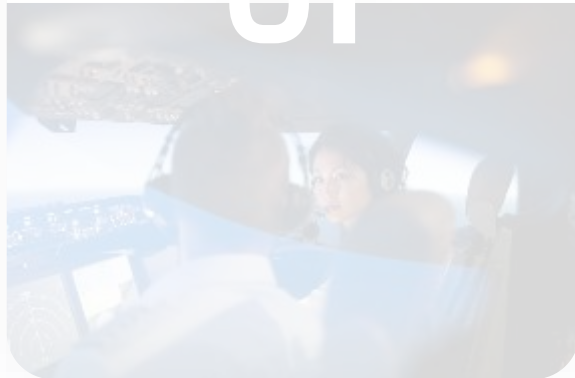
**TRAIN**  
**RECRUIT**  
**RETAIN**

20  
23

# HOW TO REVOLUTIONIZE TRAINING

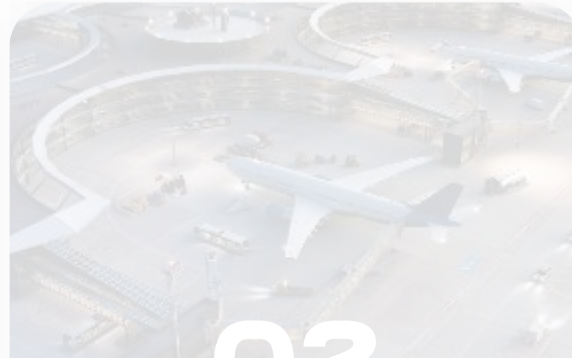
▼  
Pilot  
Mentorships

01



02

Airline ATOs  
Partnerships



▼  
Update  
Regulation

03



# AB INITIO TRAINING

## TODAY



Flight path  
management manual



Flight path  
management automation



Knowledge



Application of procedures



## TOMORROW

Problem solving and  
Decision-making



Communications



Situational  
awareness



Leadership and Teamwork



Workload management



Regulation update in order to meet  
**real industry demands**

# BRIDGING THE GAP

between **Airline Training**  
and **ATO Ab Initio Training**  
will allow airlines to



- O1** Increase Safety

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- O2** Increase standardization

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- O3** Boost Efficiency

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- O4** Assure predictability

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- O5** Become more competitive

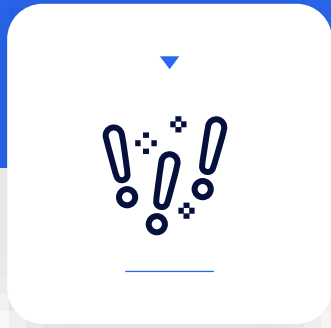




# AB INITIO TRAINING STATUS

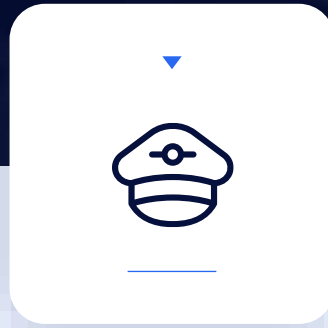


# NEEDS TO KEEP THE PACE...



The quantity situation leads to a **quality problem**

01



Aspiring pilots with **“failure rates between 50% to 90%”\***

02



Enormous **gap** between airline needs and new pilot skills

03

# PILOT SHORT TAGE



• (R)EVOLVING

20  
23

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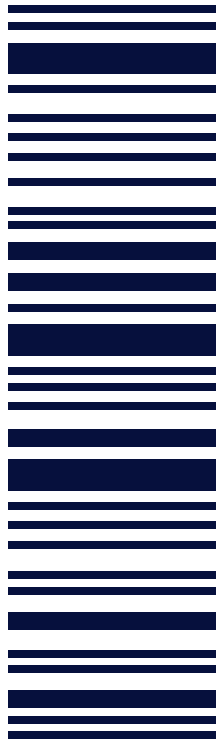
Excellent  
pilots



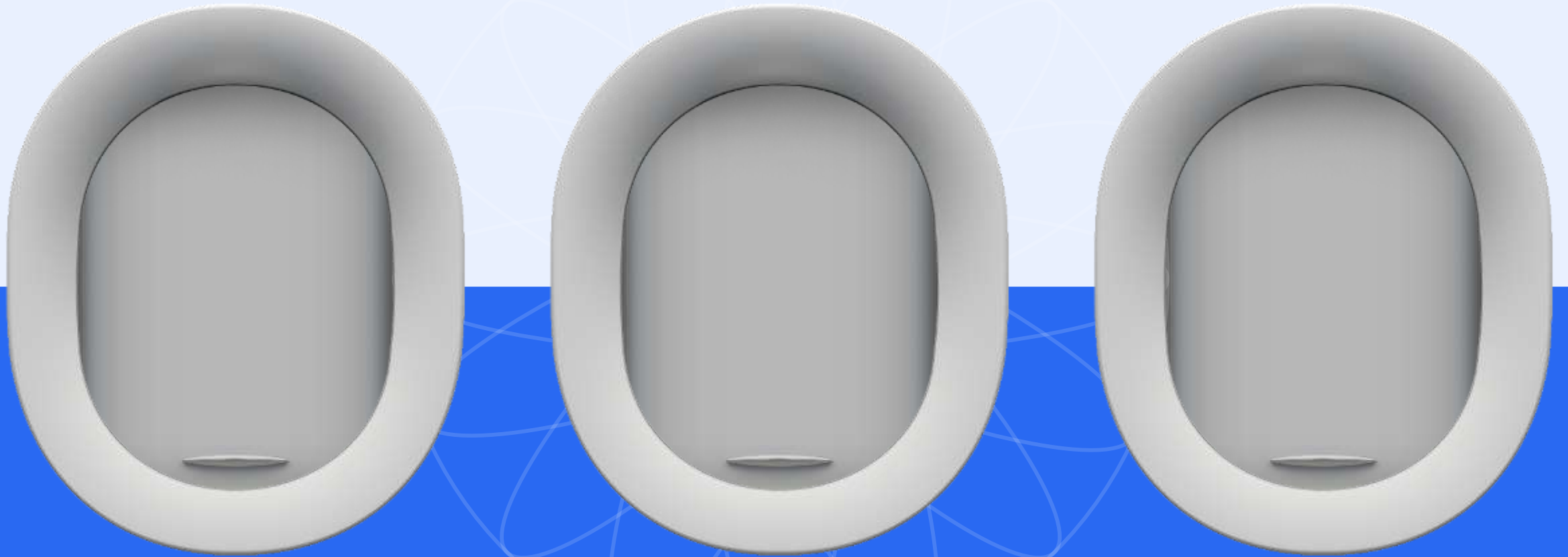
Safety  
standards



Booming  
industry







# REVOLUTIONIZE AB INITIO TRAINING

SALVADOR COSTA PEREIRA

