Capt. Georg Fongern

Executive Vice President
Professional Affairs
### Pilot and Training demand

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<tr>
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<th>2018</th>
<th>2026</th>
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<tbody>
<tr>
<td>Total pilots needed to fly new aircraft</td>
<td>193,100</td>
<td>350,200</td>
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<td>New pilots for additional aircraft</td>
<td>135,000</td>
<td>227,500</td>
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<td>New pilots needed to fill the fluctuation and retirement gap</td>
<td>72,600</td>
<td>125,400</td>
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<td>Total new pilots – (additional aircraft and fluctuation) needing ab-initio training</td>
<td>207,600</td>
<td>352,900</td>
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<tr>
<td>Total new pilots needing transition training on replacement aircraft</td>
<td>57,930</td>
<td>122,700</td>
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### Assumptions:
- An average of 10 pilots (5 crews) for regional and single aisle aircraft and an average of 14 pilots (7 crews) for twin aisle and large aircraft.
- A 3% per annum for fluctuation and retirement based on current number of pilots.
Screening
Table of Contents of Annex 1

**FOREWORD**

**CHAPTER 1. Definitions and General Rules Concerning Licences**
- 1.1 Definitions
- 1.2 General rules concerning licences

**CHAPTER 2. Licences and Ratings for Pilots**
- 2.1 General rules concerning pilot licences and ratings
- 2.2 Student pilot
- 2.3 Private pilot licence
- 2.4 Commercial pilot licence
- 2.5 Multi-crew pilot licence appropriate to the aeroplane category
- 2.6 Airline transport pilot licence
- 2.7 Instrument rating
- 2.8 Flight instructor rating appropriate to aeroplanes, airships, helicopters and powered-lifts
- 2.9 Glider pilot licence
- 2.10 Free balloon pilot licence
Screening

Skillsets

Practical Skills

Academical Skills

Medical Fitness

Personal Skills

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Practical Skills

Motor Skills

Cognitive Skills

Reasoning Skills

Multitasking Skills
Screening

Academical Skills

Knowledge Base

General Understanding Quick Learning Skills

Application of Knowledge

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Personal Skills

Leadership

Follower

Coping with constant checking and critiquing

Stress Resistance

Intercultural Social Competence
Screening

Prevents financial losses

Enhances Safety

Enhances Efficient Cockpit-Work
Next Generation of Aviation Professionals (NGAP) Initiatives
Outreach
Outreach

Crowded Airports

Dense Traffic

High Complexity

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### Outreach

- **tight rosters**
- **shift-work**
- **unstable rosters**
- **difficult social life**
- **time-zone-crossings**
- **sleep-problems**
- **paying back huge amounts for training**
- **health risks**
- **NOT GREEN**

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<td>Sa 02</td>
<td>14FL5</td>
<td>LH1817-1</td>
<td>A320</td>
<td>BVA</td>
<td>09:14</td>
<td>-10:25</td>
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**IF ALPA**

_The Global Voice of Pilots_

**NGAP Fontern**

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**IFALPA**

_The Global Voice of Pilots_
Outreach

Lifestyle

Job shaped to personal expectations

Job-Flexibility

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Outreach

Reasons to join Aviation Industry

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Bringing Back Enthusiasm

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Screening

&

Thank You

Outreach