



Capt. Georg Fongern

***Executive Vice President
Professional Affairs***



NGAP Fongern

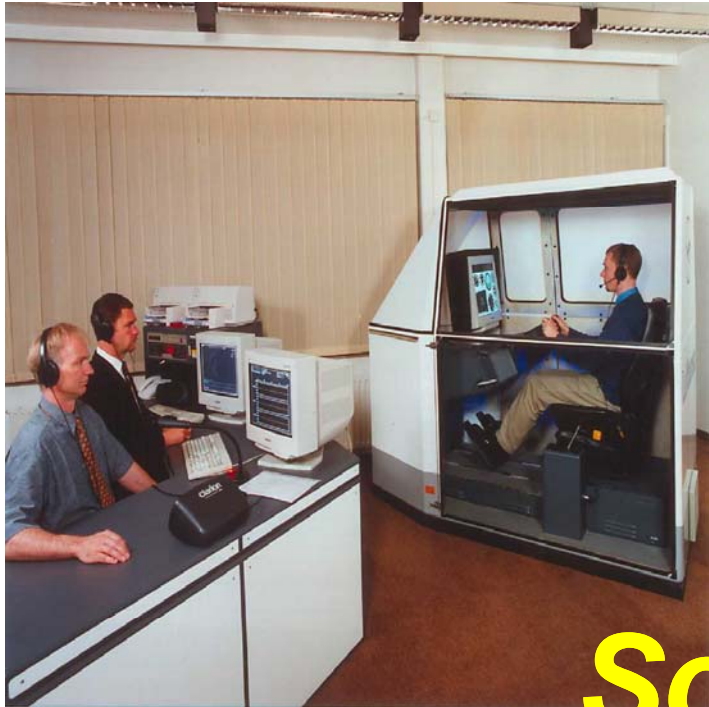


Pilot and Training demand

	2018	2026
Total pilots needed to fly <i>new aircraft</i>	193,100	350,200
New pilots for <i>additional aircraft</i>	135,000	227,500
New pilots needed to <i>fill the fluctuation and retirement gap</i>	72,600	125,400
Total new pilots – (additional aircraft and fluctuation) <i>needing ab-initio training</i>	207,600	352,900
Total new pilots needing <i>transition training</i> on replacement aircraft	57,930	122,700

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



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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

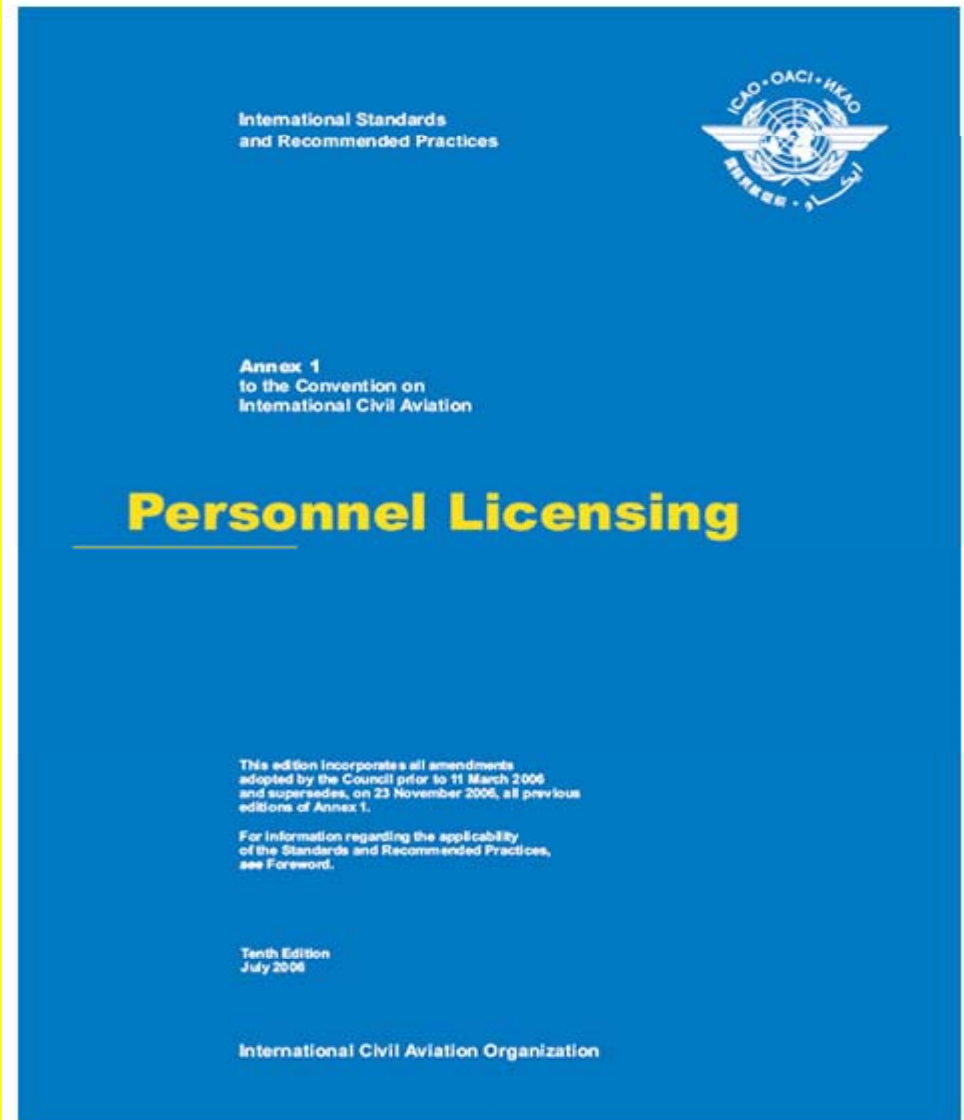
2.7 Instrument rating

2.8 Flight instructor rating appropriate to aeroplanes, airships, helicopters and powered-lifts

2.9 Glider pilot licence

2.10 Free balloon pilot licence

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Skillsets

Practical Skills

Academical Skills

Personal Skills

Medical Fitness

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Practical Skills

Motor Skills

Cognitive Skills

Reasoning Skills

Multitasking Skills

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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



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Prevents financial losses

Enhances Safety

Enhances Efficient Cockpit-Work

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International Standards
and Recommended Practices



Annex 1
to the Convention on

Next Generation of Aviation Professionals (NGAP) Initiatives

adopted by the Council prior to 11 March 2006
and supersedes, on 23 November 2006, all previous
editions of Annex 1.

For information regarding the applicability
of the Standards and Recommended Practices,
see Foreword.

Tenth Edition
July 2006

International Civil Aviation Organization

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Outreach



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Outreach

Crowded Airports

Dense Traffic

High Complexity



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Crew Assignment System v4.3.6.2.1 Plan-Nr: 810 Deutsche Lufthansa AG

Personnel: 15041000

Dienstplan für: 1FOA320 / LH FO A320 0 FO LIN FRA Monat: SEP 2001 Druckdatum: 20 SEP 2001 14:14 Seite: 1

tight rosters

shift-work

unstable rosters

difficult social life

time-zone-crossings

sleep-problems

paying back huge amounts for training

health risks

NOT GREEN

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	LT-FRA
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			0001	2001	2217	5043	70	70	1	00	0	0
			0001	2002	2029	2033	3	3	1	00	0	0
			0001	2624	2703	2708	70	70	2	00	0	2

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UTC Kalender/Homebase FRA - UTC Zeitdifferenz +02:00	Datum	Umlauf	Pos Lang.	LSW	BSW	RZ	Ausbildung	Spesen	Seitz.

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Lifestyle

*Job shaped
to personal
expectations*



Job-Flexibility NGAP Fongern

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Reasons to join Aviation Industry



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Bringing Back Enthusiasm

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Screening

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Thank You

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