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Citation: Sikora, I. (2015). "A Tale of Two Industries" - Building the Bridge Between Business Aviation and Academia. Paper presented at the 5th Annual EBASCON, 24-25 Feb 2015, Frankfurt, Germany.

This is the submitted version of the paper.

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Academic excellence for business and the professions



EBASCON
european business aviation safety conference

“A Tale of Two Industries” - Building the Bridge Between Business Aviation and Academia

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Programme Director ASM MSc

ZONE



What is in the air transport industry that it is making so much the subject of global attention?

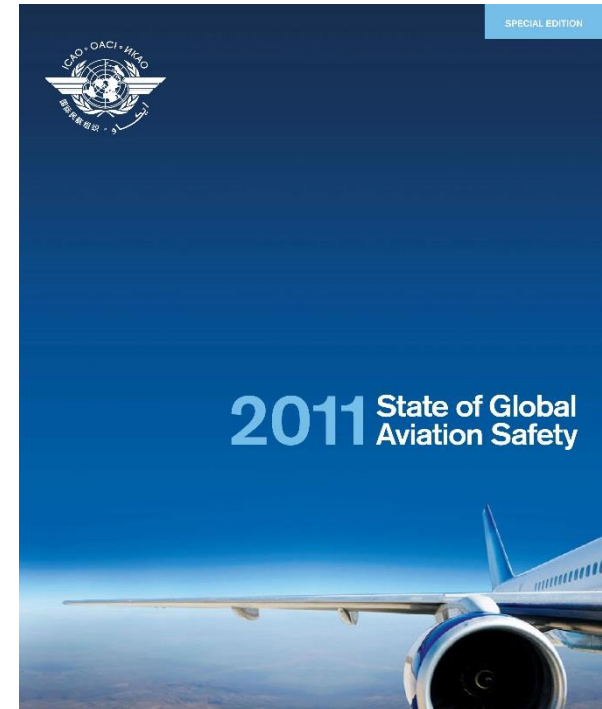
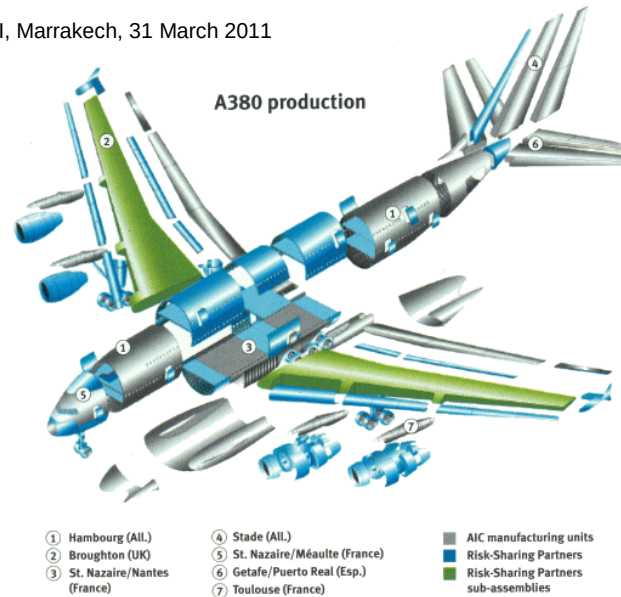


BUSINESS AVIATION - GLOBAL IN ITS OPERATIONS AND ITS ESSENCE

20-year forecast:
strong long-term growth



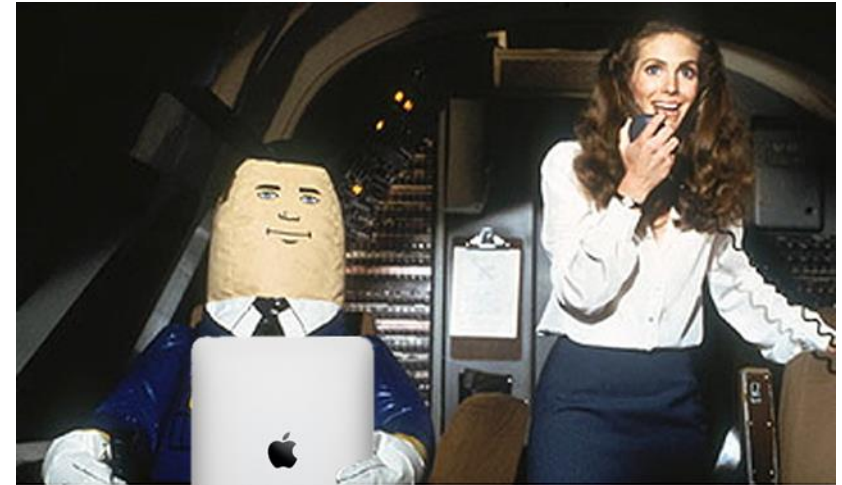
Chamsou Andjorin, Aviation Safety in Africa, ACI, Marrakech, 31 March 2011



ICAO State of Global Safety, Montreal, 2011.



BUSINESS AVIATION – SHAPING FUTURE



BUSINESS AVIATION – A GREAT PLACE TO WORK IN BECAUSE OF DIFFERENT ASPECTS

- 1 Fly, navigate and communicate:
In this order and with appropriate tasksharing
- 2 Use the appropriate level of
automation at all times
- 3 Understand the FMA at all times
- 4 Take action if things do not go
as expected





**"To invent an airplane is nothing. To build one is something.
To fly is everything. — Otto Lilienthal"**





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DNA OF UNIVERSITY EDUCATION



Teleporting of Knowledge



License to Think

25/02/2015



Dr Sikora – A Tale of Two Industries



Tool Box/ Safety Net ⁷

Communities of Practice (CoP)

“N o man is an island”



- Common understanding practices, values, behaviours,
- Joining in common activities,
- Learning through mutual engagement in activities. (Smith 2003)



- Social Learning Theory, Lave and Wenger (1991)
- CoP have lifecycles: they emerge, they grow, and they have life spans, Cambridge et al. (2005)
- The art and practice of the learning organization, Senge (1990)



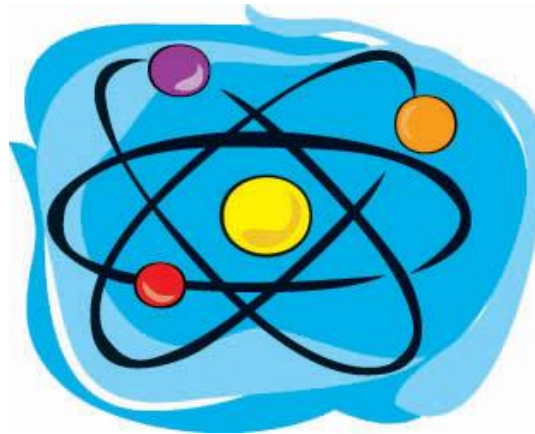
Dr Sikora – A Tale of Two Industries

- Video conferencing of students and academics in compressor projects,
- Civil engineering students visiting construction sites,
- Lawyers visiting and observing court proceedings.
- The Professional Pilots Rumour Network (PPRuNe).

WITH APPROPRIATE KNOWLEDGE AND APPROACH SKY IS THE ONLY LIMIT!

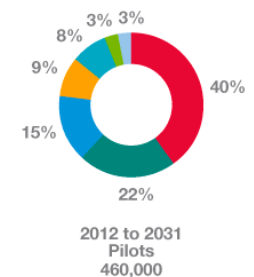


EDUCATION AND COOPERATION A CHANCE TO MOVE TO THE NEXT LEVEL



Pilot & Technician Outlook New pilots by region 2012–2031

Region	Pilots
Asia Pacific	185,600
Europe	100,900
North America	69,000
Latin America	42,000
Middle East	36,100
CIS	11,900
Africa	14,500
Total	460,000



Current Market Outlook 2012–2031



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[online] available from <http://stengelangle.com/tagairlines-2>
[06 December 2012]



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1966



WHEREAS We did, on the sixth day of April 1966, grant a Charter constituting and founding a University within Greater London by the name of "The City University":

AND WHEREAS the Charter incorporating the City University provided for the constitution and government of the University and the management of its affairs:

AND WHEREAS Articles 1 and 2 of the Charter provided as follows:—

- "1. There shall be and there is hereby constituted and founded in Greater London a University with the name and style of "The City University" (hereinafter called "the University").

Introduction

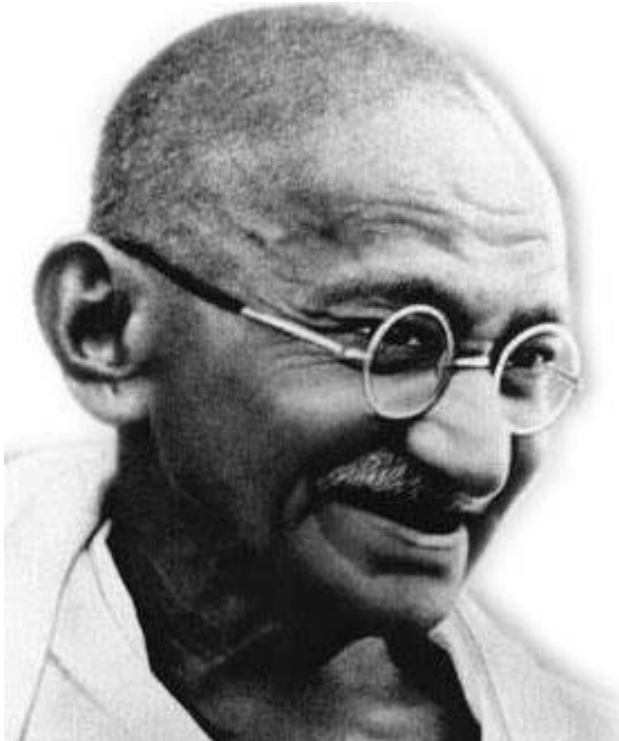
- City University London – a cosmopolitan University in the heart of London
- Founded in 1894 with University charter issued 1966. by Her Majesty the Queen
- Its Chancellor is the Lord Mayor of London
- The university's degree ceremonies are held at the historic Guildhall





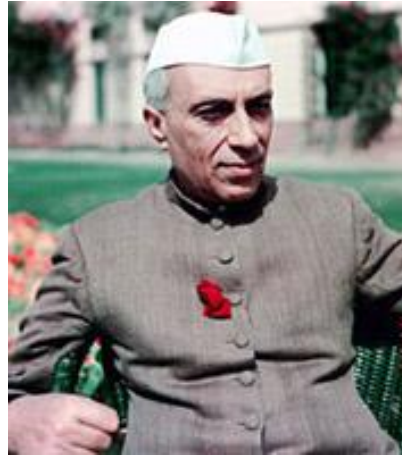
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City's Alumni



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- Mahatma Gandhi
- Jawaharlal Nehru
- Margaret Thatcher
- Tony Blair



City University London - Today

- The University's motto – 'to serve mankind'
- 16500 students (13000 full-time equivalents) in 5 Schools (17500 FTEs including validated students)
- 42% students from over 150 countries (majority from outside EU – 27%); 28% staff from nearly 50 countries outside the UK
- 40% students are postgraduates – one of UK's foremost providers of postgraduate education
- City plays an active role in the business and professional life of London



City Students' and Academics Say...

City is popular...

- ...good employability,
- ...high proportion of international students and staff.

Student respect their educators...

- ...committed to our students,
- ...feel valued and feel abilities well-used.

Academic Structure

5 schools representing academic areas

- School of Arts Social Sciences
- Cass Business School
- **School Mathematics, Computer Science and Engineering**
- School of Health Sciences
- The City Law School



Information on City Programmes and Research (e.g. SMCSE)

Supportive environment for research and development:

CHECK <http://www.city.ac.uk/research>

Current Research Activities in SMCSE:

- Computer Aided Modelling and Design

CHECK <http://www.city.ac.uk/people/academics/sanowar-khan>

- Aeronautical Engineering - Wind Tunnel Facilities (one of 7 in UK)

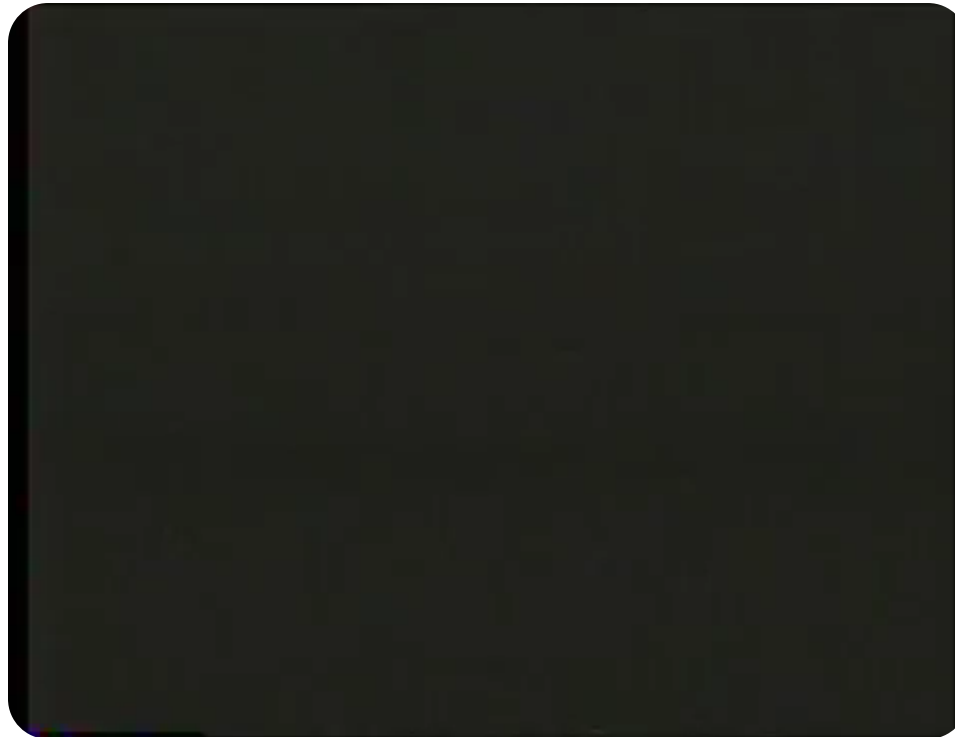
CHECK <http://www.city.ac.uk/people/academics/christopher-atkin>

- Automotive and Mechanical

CHECK <http://www.city.ac.uk/people/academics/jamshid-nouri>



"Excellence - the result of continuously trying to be better."



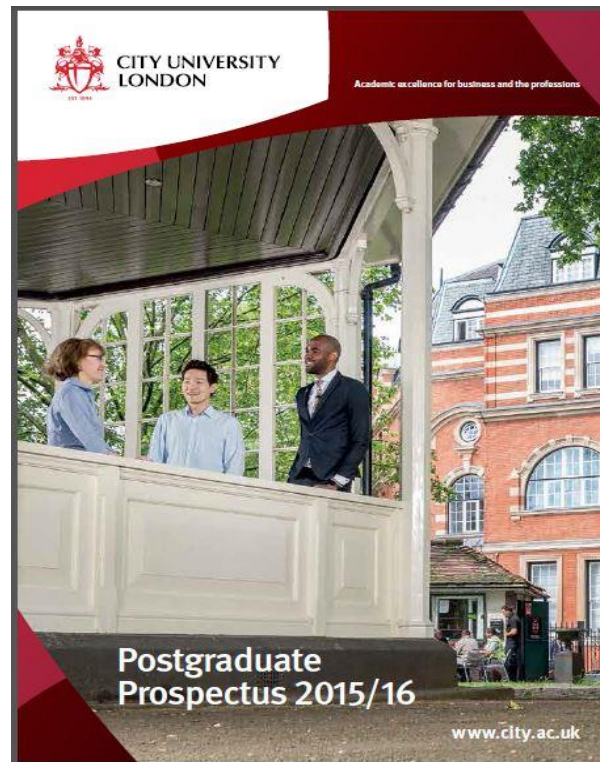


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City University London Welcomes You



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Thank You!

Your Turn ☺

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