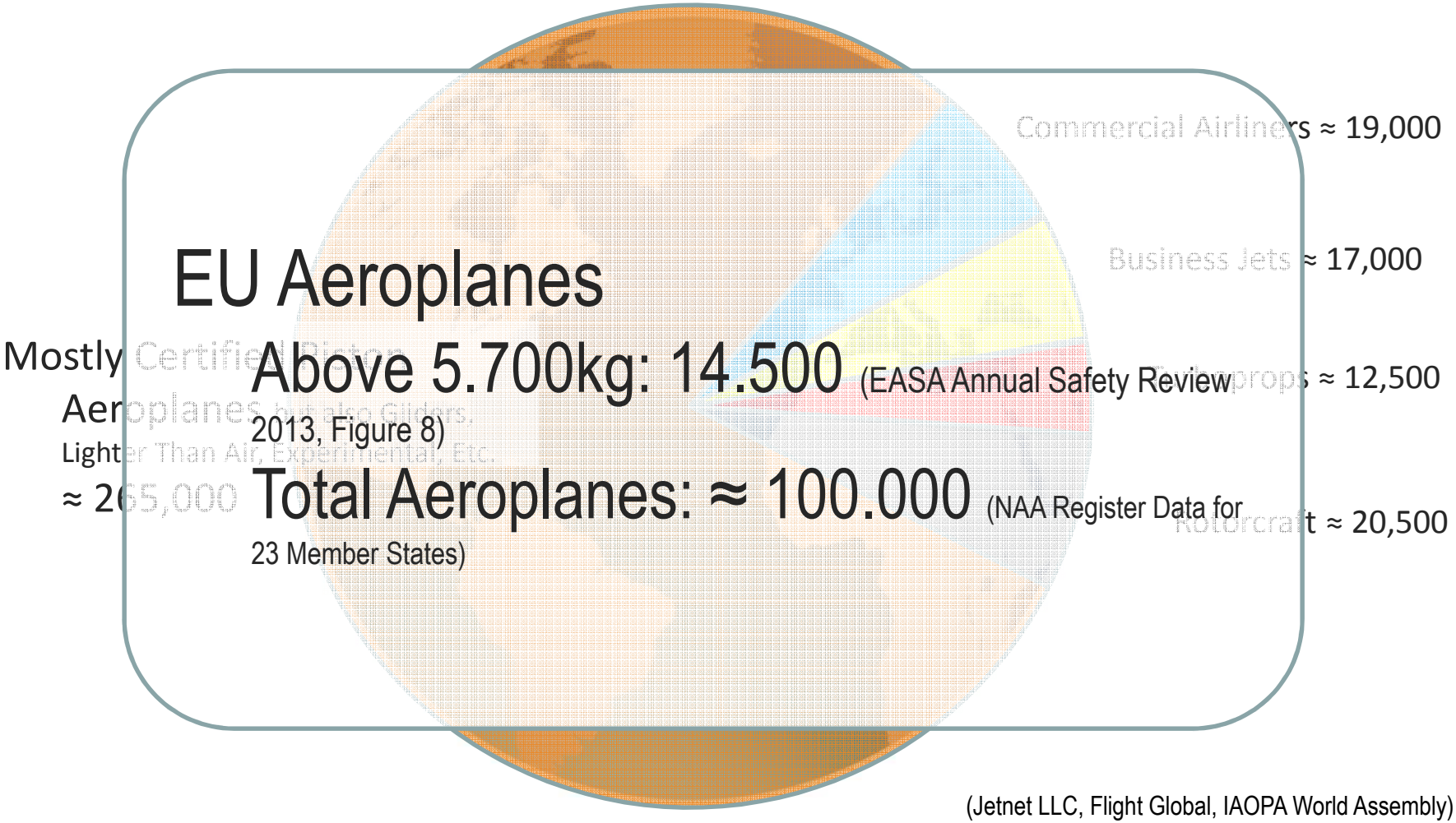
EASA Production & Maintenance Conference

9.SEPT.2015

Global Civil Aircraft Population ≈ 334,000



EU Aeroplanes

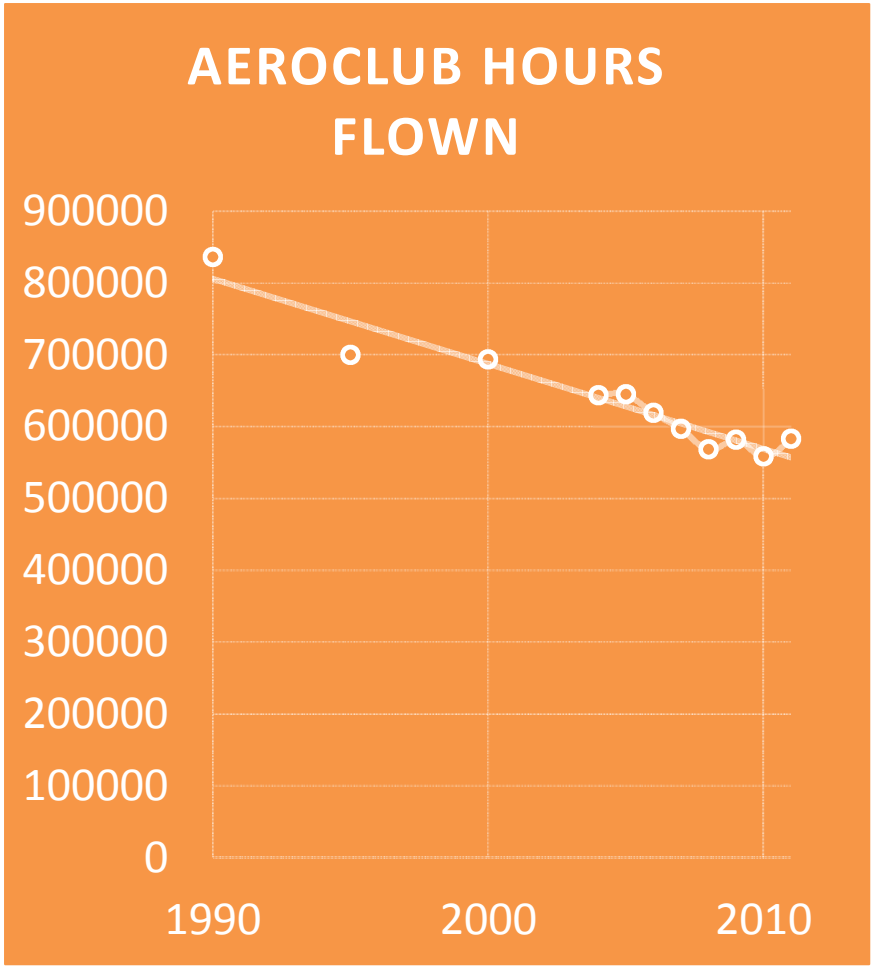
Above 5.700kg: 14.500 (EASA Annual Safety Review 2013, Figure 8)

Total Aeroplanes: ≈ 100.000 (NAA Register Data for 23 Member States)

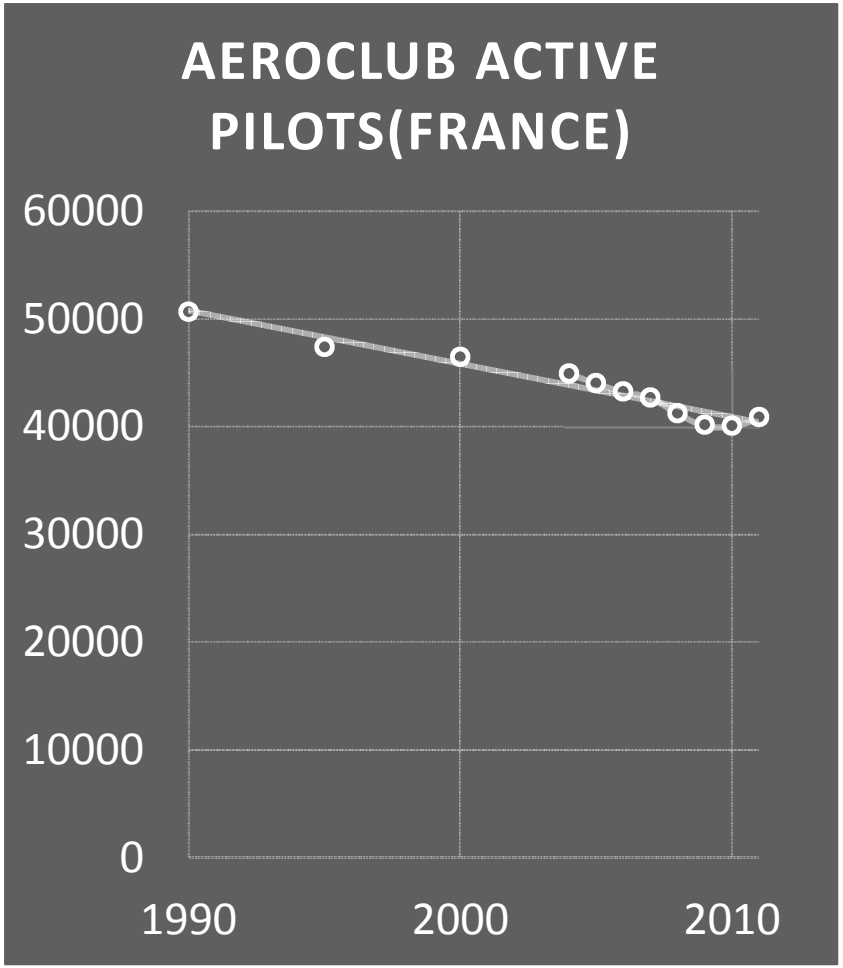
(Jetnet LLC, Flight Global, IAOPA World Assembly)

GA Data for France

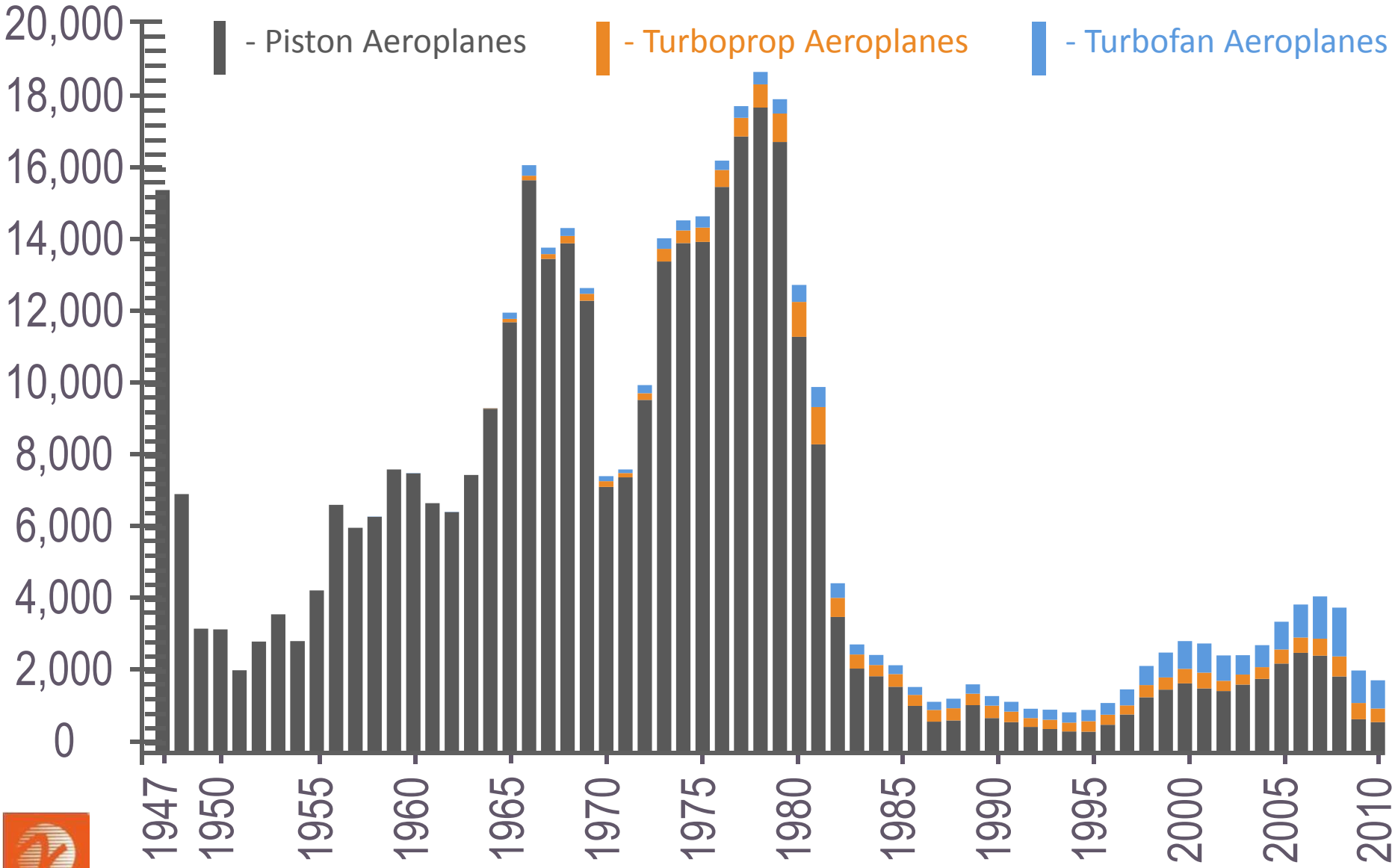
≈ 250.000 Fewer Hours per Year



≈ 500 Fewer Pilots per Year



Type Certified Aeroplanes Manufactured Annually



GAMA Statistical Data

Symptom of Unfilled Demand

- Average Age of General Aviation Fleet
  - Single Engine Piston Aeroplane
    - 1-3 Seats = 55 Years Old
    - 4 Seats = 45 Years Old
    - 5-7 Seats = 41 Years Old
    - 8+ Seats = 56 Years Old
  - Multi-Engine Piston Aeroplane
    - 1-3 Seats = 55 Years Old
    - 4 Seats = 43 Years Old
    - 5-7 Seats = 46 Years Old
    - 8+ Seats = 49 Years Old

The New '56 all-metal Cessna 170

MORE FOR YOUR MONEY...NEW BEAUTY...NEW COMFORT...NEW QUIETNESS

Again in '56—you get more for your money in the new Cessna 170! More than 100 extra-value features you won't find on any other low-priced airplane. Dependable, proved performance, smoother operation, greater comfort and safety. Easily adaptable for floats and skis. Yet this all-metal, 6-cylinder airplane sells at the same low price of only $8,295, f. o. b. Wichita.

10 sq. ft. flaps

Big, wide "Paralift" flaps on the Cessna 170 are easily operated through 4 positions, give the Cessna 170 the shortest landings, quickest take-offs in the low-priced field.

Smooth 6-cylinder power . . . with new low sound level

The Cessna 170 offers you a dependable, powerful 6-cylinder, 145 H. P. engine! So smooth, quiet, vibration-free that a child can sleep peacefully on its comfortable foam rubber seats. Spacious interiors plus striking color schemes contribute to the extra comfort of the new Cessna 170.

See the '56 Cessna 170 at your Cessna dealer now (he's listed in the yellow pages of your phone book) or write CESSNA AIRCRAFT CO., DEPT. P-1, WICHITA, KANS.

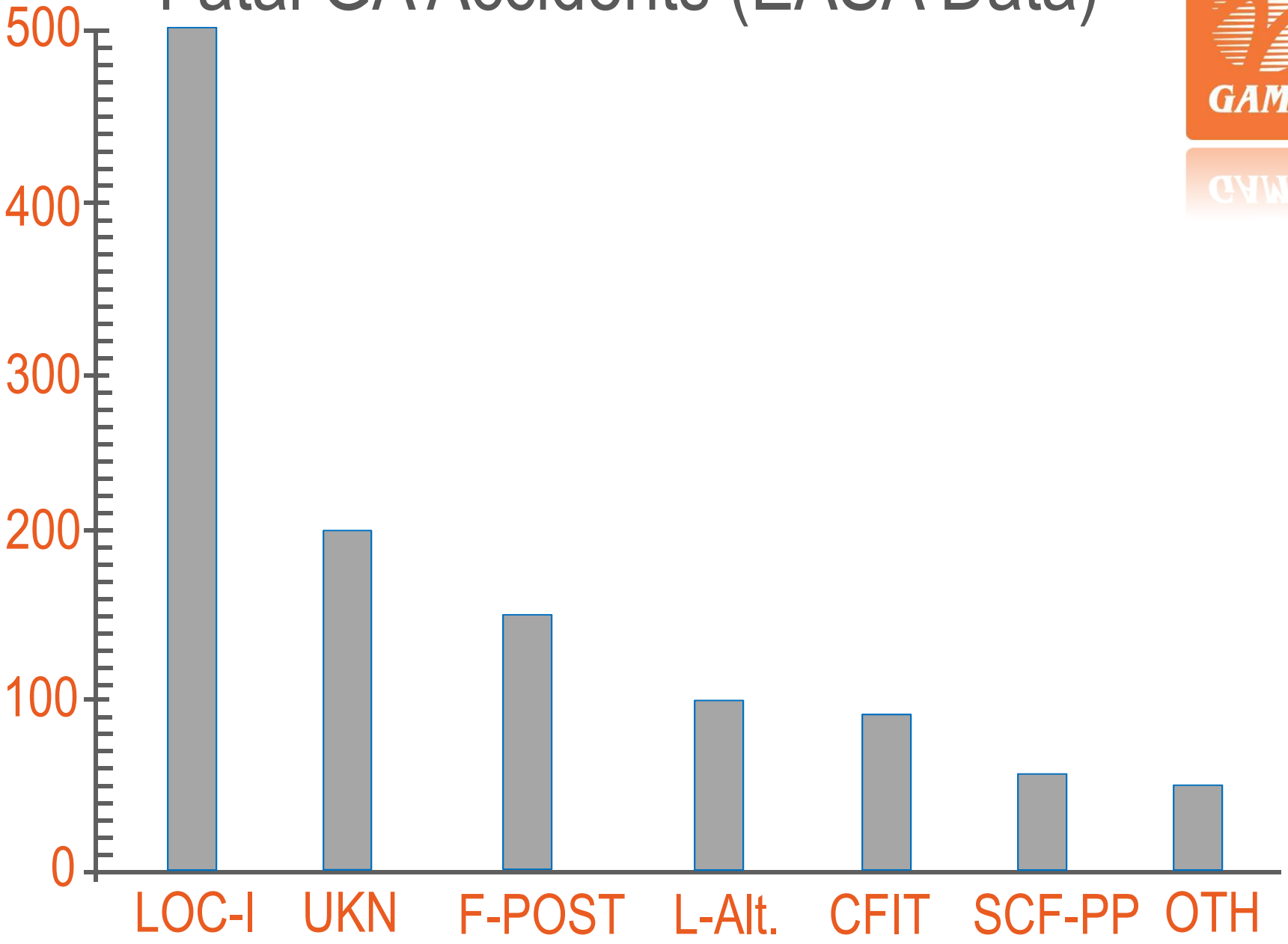
4 GREAT CESSNAS
THE COMPLETE AIR FLEET
FOR EVERY BUSINESS NEED

Cessna

FLYING—January 1956

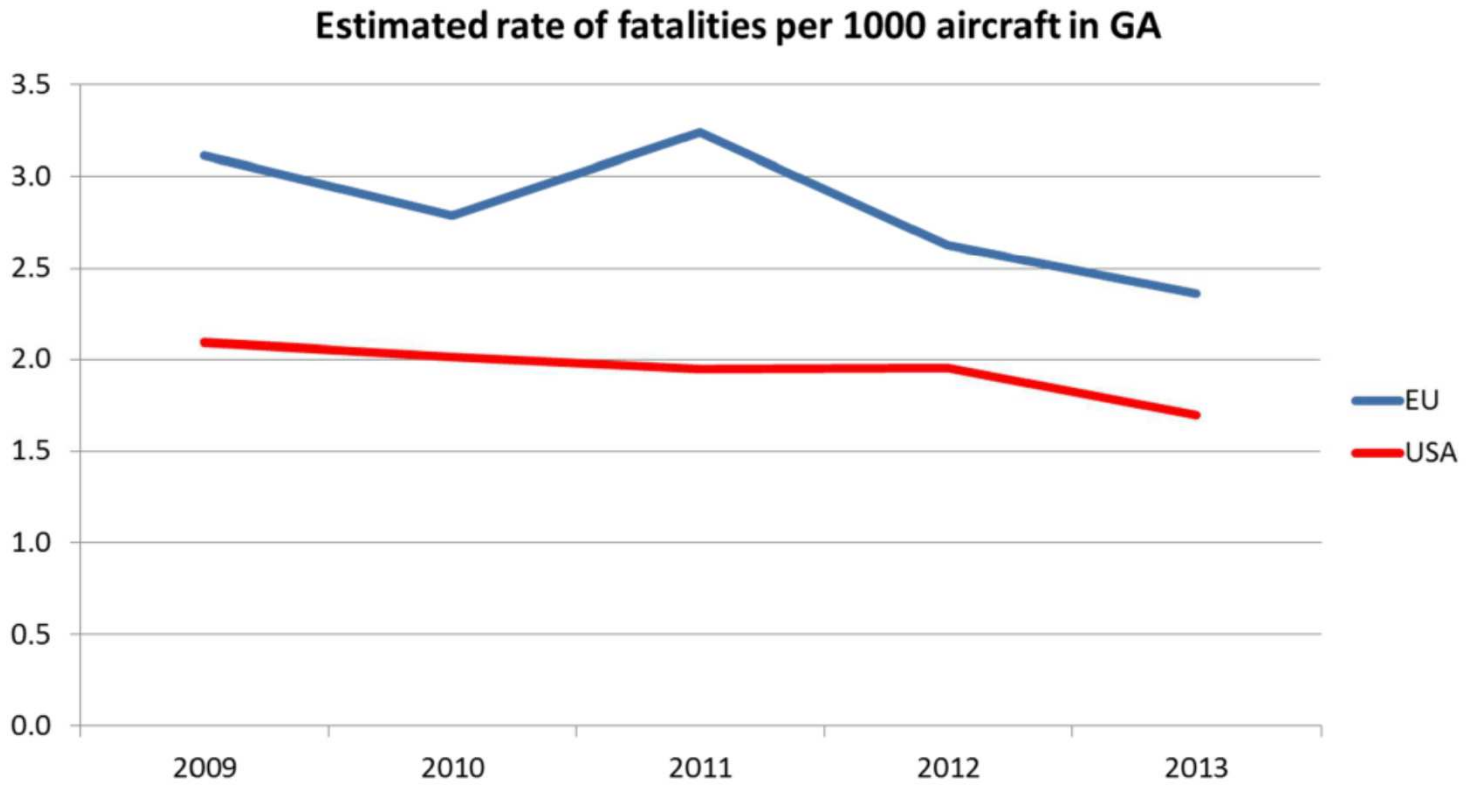
49

Fatal GA Accidents (EASA Data)



Source: EASA 2009-2013 GA Accident Data, U.S.

Rate of fatalities worse EU than US



CS-STAN

Standard Changes & Repairs (July 2015)

- Design Data
  - Provides acceptable methods & techniques for carrying out standard changes & standard repairs identified in appendixes.

- Kinds of Changes
  - Avionics, AoA, ELT, Radios, Survivability Eqpmt., etc.

- Kinds of Repairs
  - Sailplanes, LSA, VLA & FAA AC43.13-1B

No EASA Form 1

CM-21.A-K-001 **June 2013**

- Applicability
  - ☐ ELA2 – Sailplanes/balloons, airships, aeroplanes up to 2000kg MTOW

- Limitations
  - ☐ Life-limited, primary structure, flight controls
  - ☐ Conforms to applicable design
  - ☐ Properly marked
  - ☐ Identified for a specific aircraft

- Installation
  - ☐ Under the above conditions, parts without EASA Form 1 can be installed

Part M-Light

NPA 2015-08 **Proposed**

- Applicability
  - ELA2 &
  - Rotorcraft up to 4/Pax or 1.200Kg MGTOW
- Owner Declared Maintenance Program

  - Owner may declare the maintenance program provided it includes any aircraft or operational limitations.
  - Allow maintenance organisation to issue ARC following 100hr inspections
  - Owner may defer defects
  - Allow extension beyond TBO in some cases

Going Forward

- Current Improvements for Small Aircraft Represent an Important Foundation
- The Timely Development of a Proportional Approach for All Aircraft is Important
  - Business Aircraft
  - Rotorcraft
  - Etc.

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