Office of Aerospace Medicine Review

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Overview

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• Safety Metrics
• Sport Pilot
• Notices of Proposed Rule Making
• Recent Medical Decisions
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Introduction
Safety Metrics
COMPARISON of AIR CARRIER FATAL ACCIDENT RATES/TARGETS
(Air Carrier includes all Part 121 and Scheduled 135 Carriers)
FY 2007 (as of June)

BASELINE = 0.051

* Annual - 12 Month Lookback
* 3 Yr Avg - 36 Month Lookback

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COMPARISON of AIR CARRIER FATAL ACCIDENT RATES/TARGETS
(Air Carrier includes all Part 121 and Scheduled 135 Carriers)
FY 2007 (as of June)

Commercial Rate - Ramp Fatal Accidents Excluded

* 3 Yr Avg - 36 Month Lookback

BASELINE = 0.048

- - - ACTUAL -- Three-Year Average Fatal Accident Rate
- - - BASELINE -- Average 1994-to-1996
- - - TARGETS -- To Achieve 80% Reduction in Rates by 2007

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Sport Pilot
Sport Pilot

- Operational Limits
  - Max. Gross Weight 1,320 Lbs.
  - Max. Stall Speed 45 Knots
  - Max. Speed 120 Knots
  - Max. Two-Place
  - Day VFR Only
  - Single, Non-Turbine Engine
  - Fixed Landing Gear
Sport Pilot (Continued)

• Medical Requirements
  - FAA medical certificate or a valid U.S. driver’s license
  - An individual may not use a driver’s license if:
    - A certificate was not issued with the individual’s most recent application;
    - The individual’s most recent application has been denied, suspended, or revoked;
    - The individual’s most recent Authorization for a special issuance medical certificate has been withdrawn
Notices of Proposed Rule Making
Notices of Proposed Rule Making

• Medical Certificates
  – Under Age 40
    • First Class 1 Year
    • Third Class 5 Years
  – Over Age 60
    • First Class 6 Months

• Age 65
  – ICAO Implemented New Standard – Nov. 23, 2006
  – Pending Legislation
Recent Medical Decisions
Vision

• Binocular, Multifocal, & Accommodating Devices
  – Acceptable Devices
    • Multifocal or accommodating intraocular lens implants – 3 month postoperative wait
    • Multifocal contact lenses – 1 month accommodation period
Heart Transplants

• A 1 year recovery period
• A current report from the treating transplant cardiologist
• Blood chemistries
• Coronary Angiogram
• Graded Exercise Stress Test and stress echocardiogram
• Documentation of all rejection history, infectious disease processes, or any malignancy
• Medications
QUESTIONS?