

Office of Aerospace Medicine Review

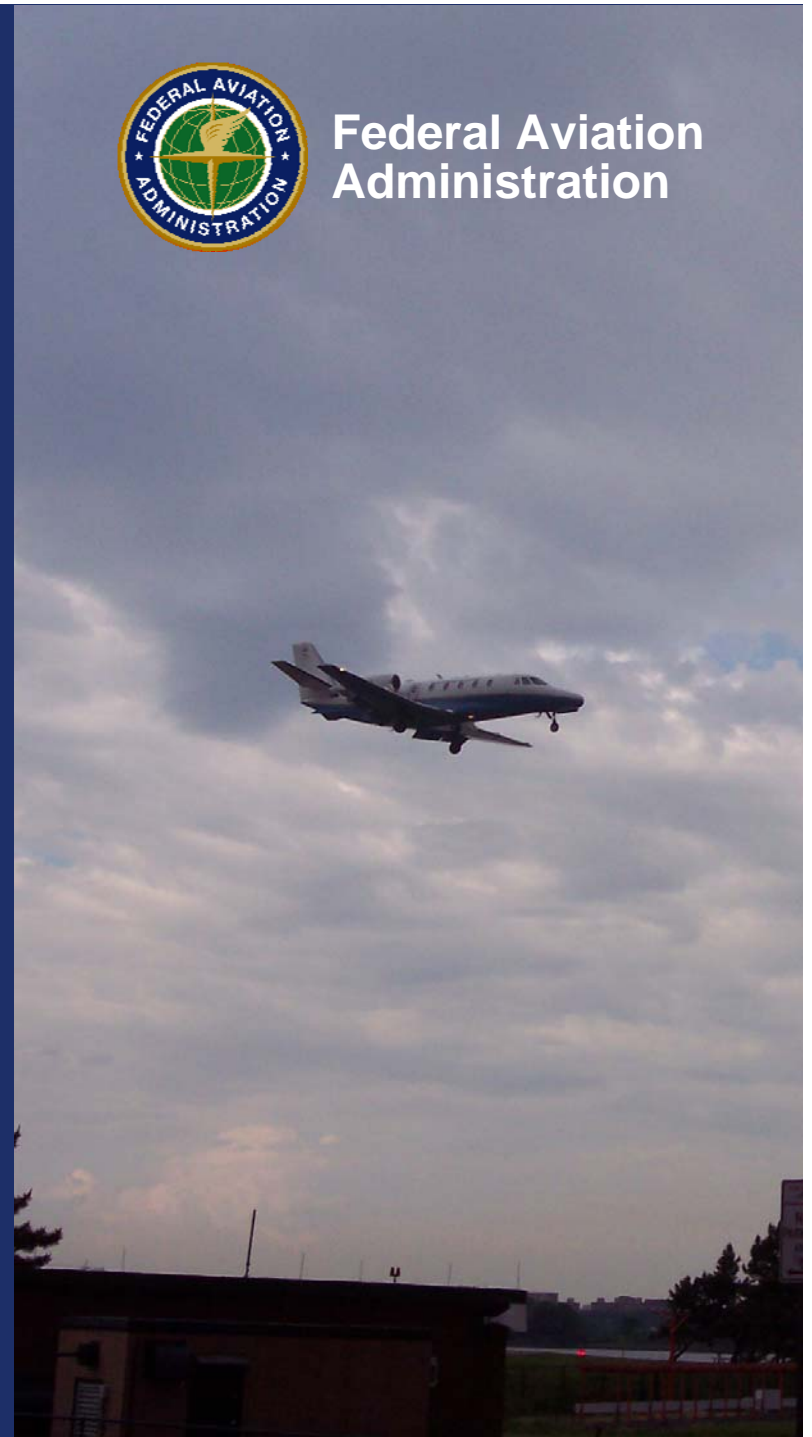
Presented to: UTMB/NASA-JSC Aerospace
Medicine Grand Rounds in Houston, Texas

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Date: Tuesday, July 24, 2007



Federal Aviation
Administration



Overview

- **Introduction**
- **Safety Metrics**
- **Sport Pilot**
- **Notices of Proposed Rule Making**
- **Recent Medical Decisions**
- **Questions**



Introduction



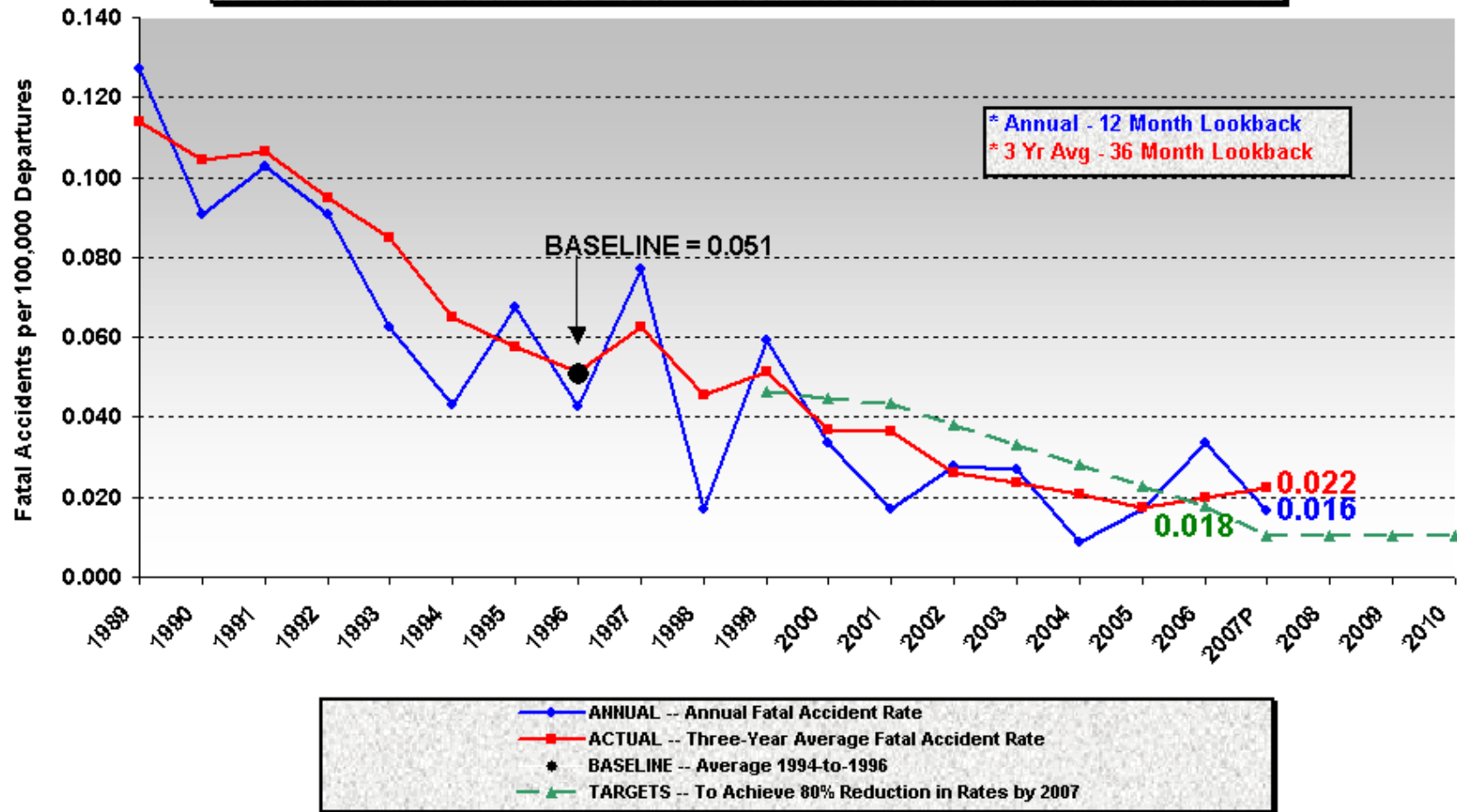
Safety Metrics



COMPARISON of AIR CARRIER FATAL ACCIDENT RATES/TARGETS

(Air Carrier includes all Part 121 and Scheduled 135 Carriers)

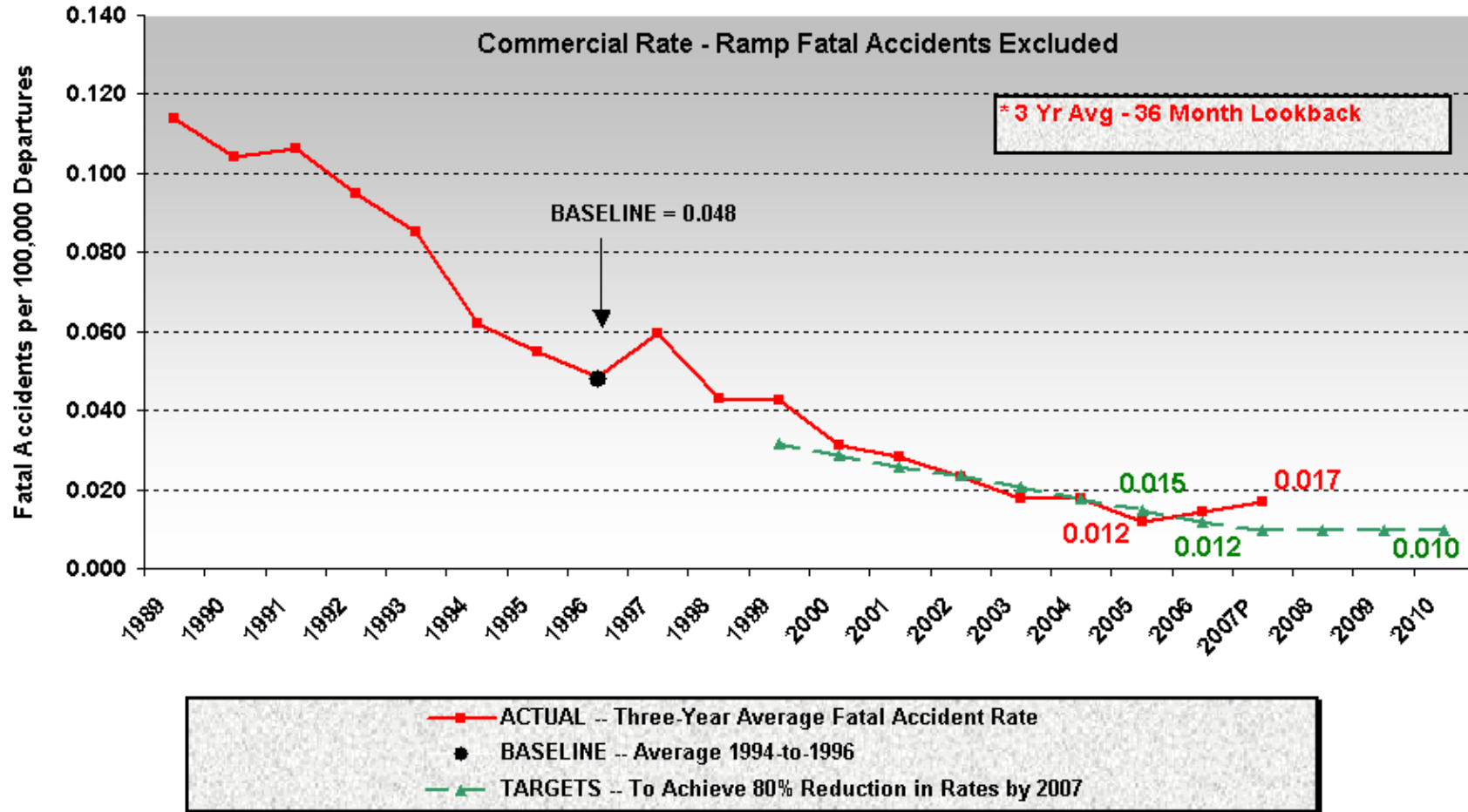
FY 2007 (as of June)

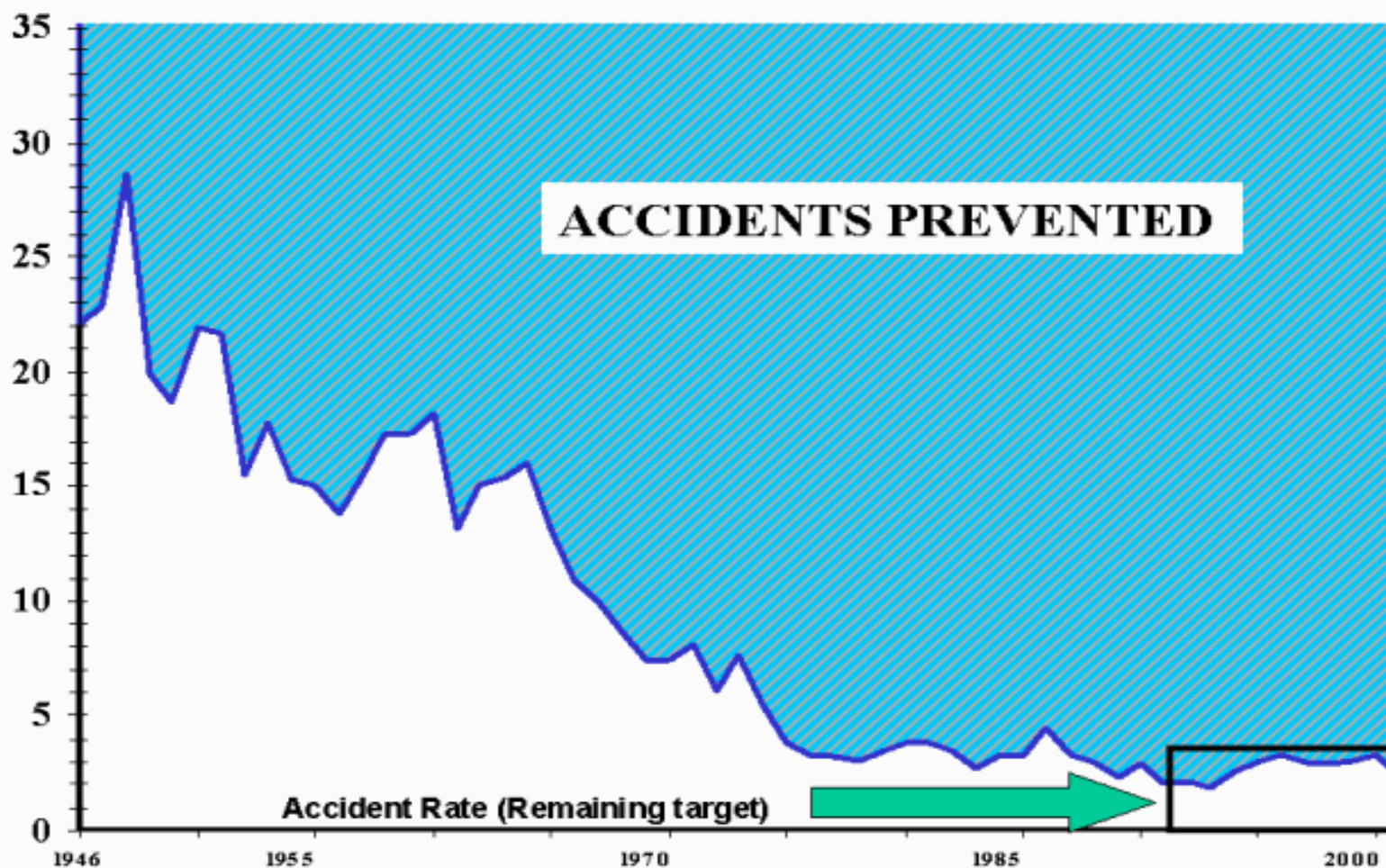


COMPARISON of AIR CARRIER FATAL ACCIDENT RATES/TARGETS

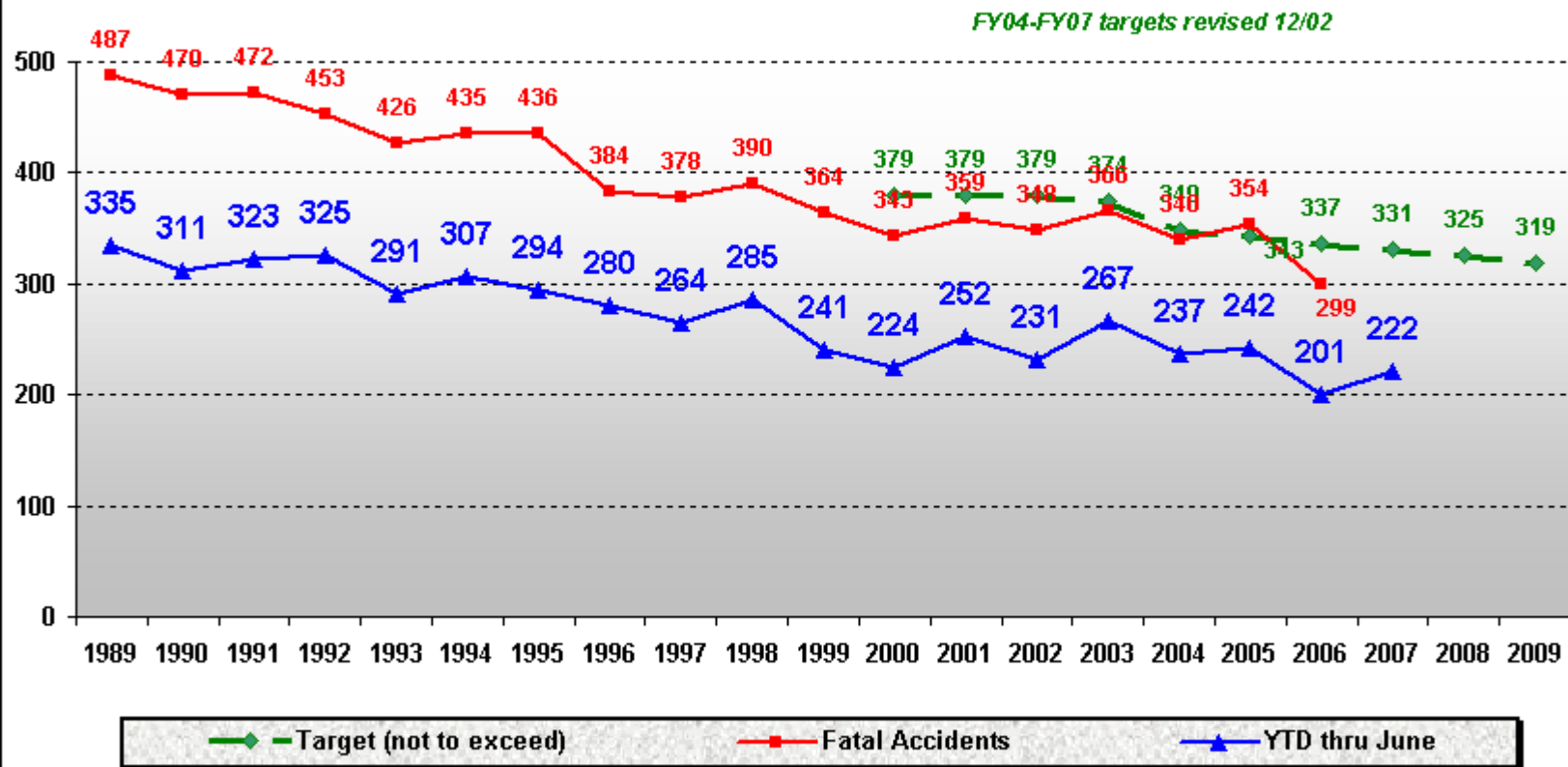
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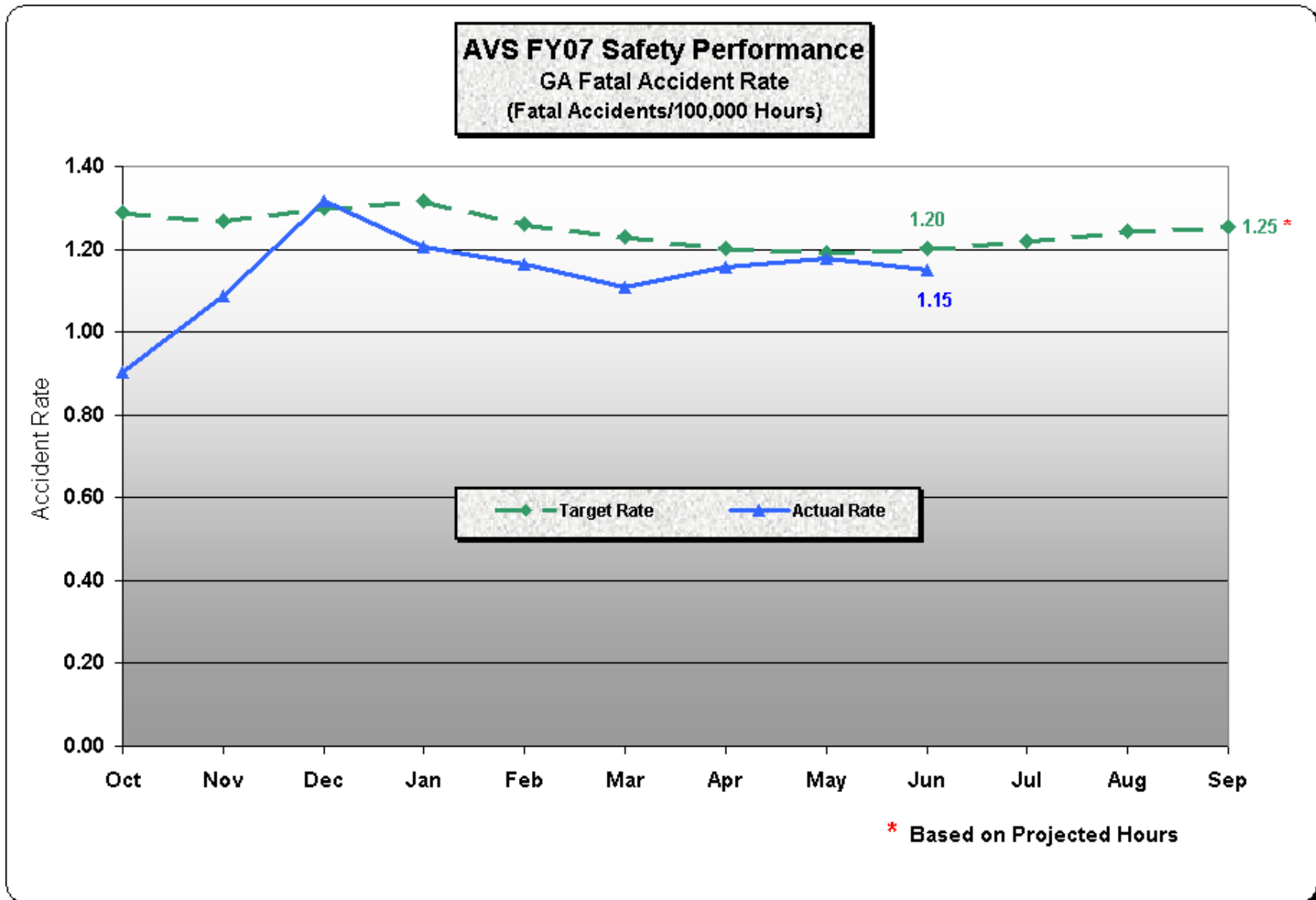
FY 2007 (as of June)





COMPARISON of GENERAL AVIATION FATAL ACCIDENTS/TARGETS
 (General Aviation includes General Aviation and Unscheduled Part 135)





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
- FAA Administrator's National Press Club – Jan. 2007
- 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?

