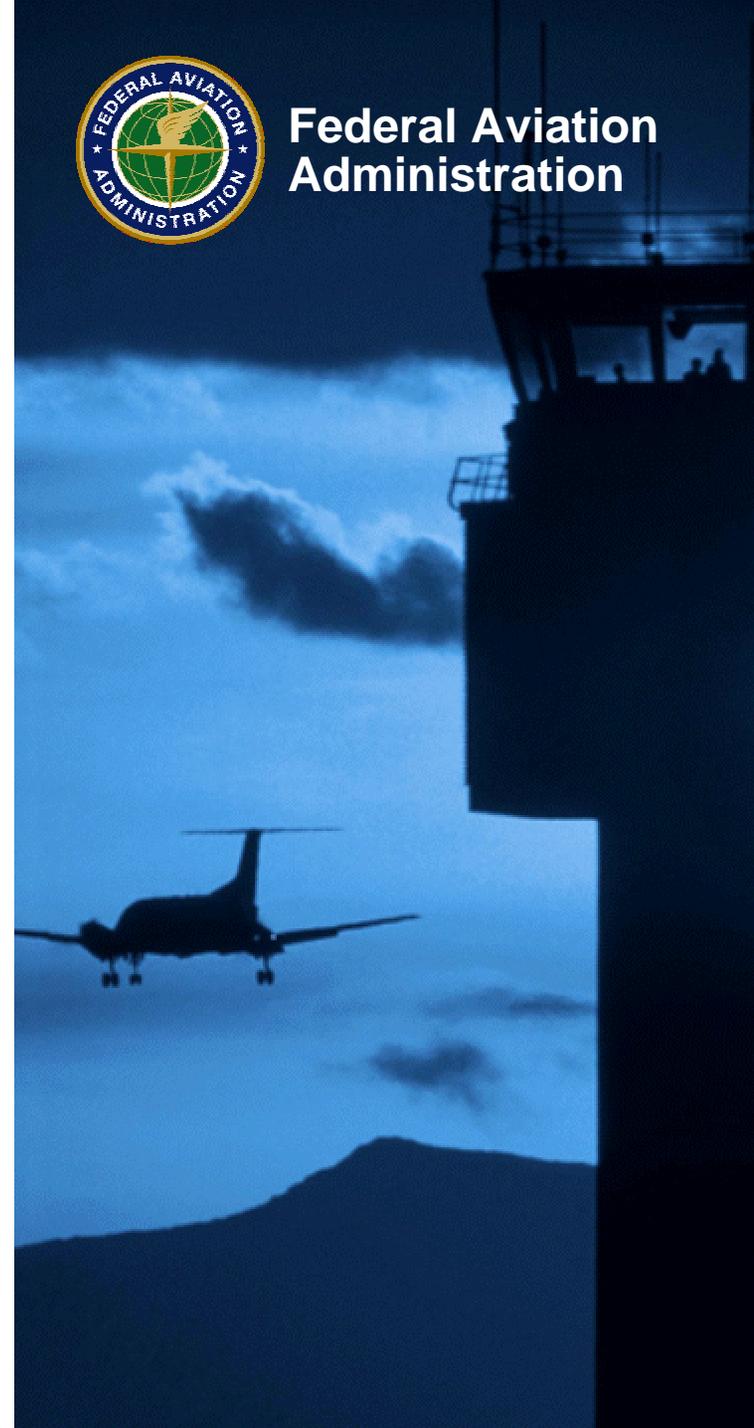


# Aviation Safety Data Package for Stakeholders

**September 2, 2005**



**Federal Aviation  
Administration**



## Aviation Safety Data package

- This presentation contains Fiscal Year 2004 summary data for the FAA Office of Aviation Safety, known as AVS.
- Data is presented on the nature and extent of activities within the aviation system that are regulated and overseen by AVS.
- Data is presented on the costs and manpower associated with the safety mission of the FAA, as represented by the AVS line of business.



# AVS Major Products and Services

- **Standards/Policies:**
  - Rulemaking procedures
  - Advisory circulars
  - Publications (Handbooks, Orders & Notices, etc.)
  - Airworthiness directives & Emergency Airworthiness Directives
  - Air Traffic Safety Oversight (AOV, new in FY05)
- **Certification:**
  - Designee Appointment, Program Management, Training, Surveillance
  - Operational Approvals / Operational Acceptance (design, production, airworthiness, operation, Ops Specs: area navigation (RNAV), routes, etc.)
  - Bilateral agreements
  - AOV certification (new in FY06)
- **Surveillance:**
  - Inspections
  - Audits, evaluations, and special inspections
  - Service difficulty reports
  - Enforcement actions
  - FAA Employee (mostly ATO) drug testing
  - Industry Employee drug testing
  - Pilot Medical Certification (incl. Spec issuances)
  - Medical Clearance of Air Traffic Control Specialists (Occupation Health)
  - Accident Investigation
  - AOV surveillance (new in FY06)
- **Education:**
  - Technical and professional training (internal FAA)
  - Technical and professional training (external)
  - Special events (Safety education, airshows, new product roll-outs, etc.)
- **Information:**
  - Publications
- **Research:**
  - Research within AVS is conducted in support of particular programs and services
- **Regulatory Program:**
  - Regulatory activities within AVS are also conducted in support of particular programs and services throughout the organization



# AVS' FY2004 Costs for Operations

Operations Funding (\$m)	FY04 Actual
Personnel, Compensation & Benefits (PC&B)	\$692.5
Travel & Transportation	43.4
Other Services	95.4
Rent/Communications/Utilities	25.2
Other	14.0
<b>Total*</b>	<b>\$870.5</b>
Staffing	6,483 FTEs 6,429 EOY

\* AVS is part of the Operations Budget

PC&B line-item detail from LDR (\$m)	FY04 Actual
AFS – Flight Standards	\$499.9
AIR – Aircraft Certification	130.2
AAM – Aerospace Medical	36.9
AAI – Accident Investigation	3.1
ARM – Aviation Rulemaking	2.8
AAVR – Administrative Services	10.8
AOV – ATO Oversight*	0.1
AQI – Office of Quality & Integration	0.1
Period Adjustment	8.7
<b>Total**</b>	<b>\$692.5</b>

\* AOV was a start-up organization in FY2004

\*\* Totals may not add due to rounding

# AVS FY2004 Staffing Summary (End-of-year Employment)

• <b>Flight Standards:</b>	<b>4,793</b>	• <b>Air Traffic Oversight (created FY05):</b>	
Operations Inspectors	1,433	Safety Critical	0
Airworthiness Inspectors	1,885	Operational Support	0
Cabin Safety Inspectors	58	• <b>Suspected Unapproved Parts:</b>	<b>12</b>
Aircraft Dispatch Inspectors	14	Safety inspectors	7
Field Safety Support	642	Operational Support	5
Operational Support*	761	• <b>Accident Investigation:</b>	<b>24</b>
• <b>Aircraft Certification:</b>	<b>1,171</b>	Operational Support	24
Manufacturing Inspectors	195	• <b>Rulemaking:</b>	<b>28</b>
Engineers/Pilots/National		Operational Support	28
Resource Specialists	570	• <b>Planning, Direction, &amp; Evaluation:</b>	<b>97</b>
Safety Related Tech Support	174	Operational Support	97
Operational Support	232	• <b>FY04 AVS Total:</b>	<b>6,429</b>
• <b>Aviation Medical:</b>	<b>304</b>	Safety Critical	5,216
Airmen Medical Certification	108	Operational Support	1,213
Employee Health Program	63		
Industry Substance Abuse	67		
Operational Support	66		

\* Beginning in FY05, includes staffing for the Office of System Safety (ASY) which the FY05 Appropriations Act merged with the Associate Administrator for Aviation Safety (AVS). The final organizational placement of ASY within AVS is still to be determined



## These statistics detail the primary customer base for AVS products and services. However, AVS' ultimate customer is the general public.

<ul style="list-style-type: none"> <li> <b>Air Operator Certificates:</b> <b>6,474</b> <ul style="list-style-type: none"> <li>Major Carriers (e.g. UAL, AA) 122</li> <li>Commuter Air Carriers 2,473</li> <li>Commercial Operators (e.g. Orioles) 185</li> <li>Foreign Air Carriers (e.g. Lufthansa) 435</li> <li>External Load (logging / oil platform) 356</li> <li>Agricultural Operators 2,350</li> <li>Public Use Authorities (e.g. states) 553</li> </ul> </li> <li> <b>Air Agency Certificates:</b> <b>5,849</b> <ul style="list-style-type: none"> <li>Pilot Training Schools 546</li> <li>Repair Stations 5,027</li> <li>Maintenance Training Schools 174</li> <li>Pilot Training Centers 102</li> </ul> </li> <li> <b>Aviation Authorities – other countries:</b> <ul style="list-style-type: none"> <li>Bilateral Agreements 30</li> <li>Foreign Carrier Aviation Authorities 105</li> <li>Accident Investigation Authorities 188</li> </ul> </li> <li> <b>Aircraft:</b> <b>319,549</b> <ul style="list-style-type: none"> <li>Air Carrier Aircraft 7,705</li> <li>Commuter Air Carrier Aircraft 576</li> <li>On Demand Air Taxi Aircraft 12,504</li> <li>General Aviation Aircraft 207,087</li> <li>Inactive Aircraft 91,677</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li> <b>Active Pilots:</b> <b>749,834</b> <ul style="list-style-type: none"> <li>Air Transport Pilot 144,758</li> <li>Commercial 134,446</li> <li>Private 253,433</li> <li>Recreational 309</li> <li>Student 91,836</li> <li>Foreign Pilot 125,052</li> </ul> </li> <li> <b>Flight Instructors:</b> <b>89,396</b> </li> <li> <b>Airmen Medical Examinations:</b> <b>470,000</b> <ul style="list-style-type: none"> <li>Special Issuances 16,100</li> </ul> </li> <li> <b>Approved Manufacturers:</b> <b>1,647</b> </li> <li> <b>Check Airmen:</b> <b>7,592</b> <ul style="list-style-type: none"> <li>Part 121 5,590</li> <li>Parts 121/135 201</li> <li>Part 135 1,801</li> </ul> </li> <li> <b>Designees:</b> <b>10,000</b> <ul style="list-style-type: none"> <li>Aircraft Certification 5,196</li> <li>Flight Standards 1,557</li> <li>Aerospace Medicine 4,990</li> </ul> </li> </ul>
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As of January 2005

