



United States Department of Transportation
TRANSPORTATION SECURITY ADMINISTRATION

400 Seventh Street, S.W.
Washington D.C. 20590

September 5, 2002

Senator Ernest Hollings
United States Senate
Washington, D.C. 20510

Dear Mr. Chairman,

This responds to your letter to me of August 1, 2002. I wanted to answer your question on my views about whether and how to arm flight deck crews operating commercial aircraft. The balance of the questions in your letter will be addressed by separate correspondence, which I will send you later this week.

After I began work as the Acting Under Secretary at the Transportation Security Administration (TSA), and following the vote in July by the House of Representatives supporting a program to arm pilots with lethal weapons, Secretary Mineta asked me to review the range of issues associated with a voluntary deployment of guns in the cockpit. His concern and mine is, above all, to ensure the safety of airline passengers and crew. I have finished my review and wanted to share my conclusions and concerns with you while the discussion continues in the Congress.

Our review included significant outreach in which we sought counsel from airlines, pilots, airports, the FAA and numerous federal law enforcement agencies, including the FBI, Secret Service and ATF. The study team evaluated a range of deployment and training options and numerous associated policy and budget issues. The review was intended to reach general conclusions and also to outline the elements of the general protocols to be followed if a decision was made to arm pilots. A core assumption of pending legislation, and also of our review, was that any program would be carried out by volunteer pilots who would receive training consistent with the designation as armed Federal Flight Deck Officers.

We concluded that if legislation is passed authorizing a program to arm pilots with lethal weapons, it would be preferable if pilots were individually issued lockboxes that would be used to transport their weapons to and from the aircraft. They would be trained on weapon use and their responsibilities under the program, and subject to periodic evaluation. The pilots would be responsible for maintenance and proper care of the weapon. We determined that the alternative program design -- having general use weapons stored aboard an aircraft and maintained by a cadre of airline employees -- poses greater security risks, operational complexity and cost.

Many of the federal law enforcement experts we consulted continue to have significant concerns about arming pilots with either lethal or non-lethal weapons. The airline industry shares these concerns. The Board of Directors of the Air Transport Association has sent Secretary Mineta a letter signed by twenty-one airline chief executive officers urging a cautious

approach to arming pilots and outlining their concerns (attached). We agree that there are literally dozens of issues that would need to be resolved as part of a program involving lethal weapons. Let me mention a few such issues or questions:

Training curricula and program design. We estimate that some 85,000 pilots may be eligible for the program authorized by the House. In order to avoid significant safety and security risk, a detailed, effective training program must be designed from scratch and tested. This must include firearms training and safety instruction. It would include classroom training on numerous issues, such as airport security procedures that would be established for airline employees to carry weapons through airports, and the legal liability and responsibilities of employees and airlines when a weapon is carried on duty and off duty. It must include specific training about the circumstances under which the weapon may be used onboard the aircraft and outside the aircraft at airports and within the community at large. It must establish protocols and communications tools to coordinate a pilot's responsibilities with those of Federal Air Marshals and other law enforcement officers authorized to travel armed. It is possible that special training facilities would be needed for high-volume training, so that the program could incorporate at least some practice in a simulated aircraft environment, such as is provided to our Federal Air Marshals.

Cockpit modifications. In order to allow ready access to the weapon in the cockpit while securing it appropriately, it would be necessary to install special sleeves for the weapons in each cockpit. Obviously each different aircraft will raise different design and installation considerations. It would be necessary for TSA, the airlines and aircraft manufacturers to assess these issues in more detail.

Coordination with other nations and international airlines. There are numerous thorny issues that must be resolved with foreign nations and foreign airlines. For example, pilots flying international routes for a U.S. carrier must comply with gun control laws abroad. In order to avoid conflict, TSA, with the support of other federal agencies, would need to undertake extensive coordination with countries around the globe to clarify rights and responsibilities of airline employees traveling armed. Would we authorize the employees of foreign air carriers to participate in this program? Would we provide reciprocal access to the U.S. if other nations design similar programs to arm pilots? What type of background investigation would be possible and necessary? Who would pay?

Complying with state and local gun control laws. We have only begun to assess the issues associated with complying with state and local gun control laws. Our review suggests that some meaningful legal work and coordination would be an early task for the program.

Legal liability. There are numerous and complex issues of legal liability that need careful, thorough review. These relate to the pilots, flight crews, other airline employees, the airlines, airports, vendors supporting the program and individuals who provide training to the pilots participating in the program.

A large support organization. A worldwide program of this size would require sizable staff and support. Existing TSA headquarters functions would be considerably stretched in order

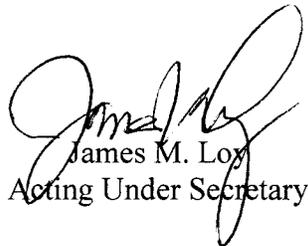
to manage the program, track the inventory of federal weapons and investigate accidental weapon discharges, program operation and public complaints.

Cost. Our preliminary estimate is that a program involving all commercial pilots could cost up to \$900 million for the start-up and some \$250 million annually thereafter. Of course these estimates must be refined to reflect details of an actual program, including the possibility that fewer than all commercial pilots will participate. These estimates do not include any projections for necessary cockpit modifications to accommodate ready access to the firearms. The total program costs may vary widely according to program design decisions, but any program open to all pilots would be very expensive. TSA's current budget does not allow for further work in this area, which raises the question of who will bear the cost of this potentially expensive program.

I am convinced that if there is to be responsible legislation establishing a program to allow guns in the cockpit, it must address the numerous safety, security, cost and operational issues raised by TSA's review, and should enable us to implement the program in a methodical, careful, and pragmatic manner.

I remain committed to working with the Senate and the House of Representatives on this important issue. I have provided an identical copy of this letter to Senator McCain. Thank you for your interest and leadership in this matter and I look forward to our hearing next Tuesday.

Very Respectfully,



James M. Lox
Acting Under Secretary



AIR TRANSPORT ASSOCIATION

September 2, 2002

The Honorable Norman Y. Mineta
Secretary
U.S. Department of Transportation
400 Seventh St., SW
Washington, DC 20590

Dear Mr. Secretary:

With the safety of our passengers and crewmembers as our number one priority, we are writing to convey our thoughts regarding S.2554 that would permit the use of firearms by pilots aboard commercial aircraft. As discussions continue on the merits of this subject, we stand ready to work with Congress and the Administration in an effort to reach a prudent consensus position.

In the aftermath of the tragic events of September 11, we understand the rationale for providing crewmembers with means to defend themselves and their aircraft. However, we believe that allowing guns aboard every aircraft in the absence of comprehensive research and testing and without a full evaluation of the potential consequences, is ill-advised.

A variety of serious safety, technical and training issues have been raised that require answers prior to moving forward with any proposal to allow the use of firearms by cockpit crews. To ensure the safety and security of our customers and employees, we have a duty and obligation to ask these tough questions and to have a clear understanding of the answers. Otherwise, innocent passengers and crewmembers could be killed or injured.

For example, what studies or testing have been conducted to determine the effects of an accidental weapon discharge in a pressurized aircraft at altitude, or discharge into a sophisticated instrument panel? How will the firearm be stowed, maintained and protected from misuse between flights, particularly when the aircraft is parked overnight or deployed in international operations? What is the process to measure the ability of armed pilots to handle a firearm in the close confines of the cockpit? Will the training program disrupt the airline's ability to operate their schedules?

The Transportation Security Administration has testified that the cost to the government for the program is approximately \$850 million. In light of programs already completed and underway to secure cockpit doors, we seriously question the cost effectiveness of a program mandated in S.2554 that would impose a further burden on scarce TSA resources. Indeed, with secure cockpit doors now being further upgraded with even higher protective capabilities, the advisability of introducing dangerous and unnecessary weapons in the cockpit environment must be carefully considered.

AIR TRANSPORT ASSOCIATION OF AMERICA, INC.

1301 PENNSYLVANIA AVENUE, NW SUITE 1100 WASHINGTON, DC 20004-1707
202.626.4000 www.airlines.org

The Honorable Norman Y. Mineta
September 2, 2002
Page Two

Until such time as validated answers to these and other questions are available, we believe that a decision to deploy firearms aboard commercial aircraft raises a serious and unnecessary risk for both passengers and crewmembers. Just as we would not introduce an aircraft into service without thorough testing, training of crewmembers and evaluating all safety measures, no one should place deadly weapons in the hands of flight crews without a thorough evaluation.

In view of these concerns, we urge you to consider a more pragmatic, thoughtful approach that does not interject excessive risks and consequences for the traveling public and our employees. Moving forward, you can rest assured we will continue to take all necessary steps to ensure that air travel remains the world's safest form of transportation.

Sincerely,

ATA Board of Directors



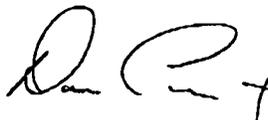
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The Honorable Norman Y. Mineta
September 2, 2002
Page Three

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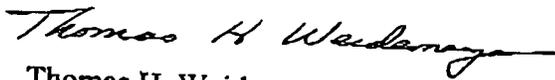
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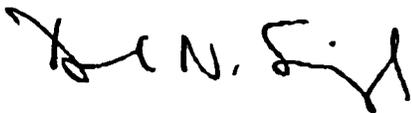
The Honorable Norman Y. Mineta
September 2, 2002
Page Four



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