

NORTH AMERICAN AEROSPACE DEFENSE COMMAND

News Release

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NORAD's Response Times

PETERSON AFB, Colo. --The following timelines show NORAD's response to the airliner hijackings on September 11, 2001.

- * All times are Eastern Daylight Time; NEADS = North East Air Defense Sector, NORAD
- ** Scramble = Order to get an aircraft airborne as soon as possible
- *** Estimated = loss of radar contact
- **** Flight times are calculated at 9 miles per minute or .9 Mach
- ***** The FAA and NEADS established a line of open communication discussing AA Flt 77 and UA Flt 93

American Airlines Flight 11 - Boston enroute to Los Angeles

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|---|---------------------------------|
| FAA Notification to NEADS | 0840* |
| Fighter Scramble Order (<i>Otis Air National Guard Base, Falmouth, Mass. Two F-15s</i>) | 0846** |
| Fighters Airborne | 0852 |
| Airline Impact Time (World Trade Center 1) | 0846 (<i>estimated</i>)*** |
| Fighter Time/Distance from Airline Impact Location | Aircraft not airborne/153 miles |

United Airlines Flight 175 - Boston enroute to Los Angeles

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|--|---------------------------|
| FAA Notification to NEADS | 0843 |
| Fighter Scramble Order (<i>Otis ANGB, Falmouth, Mass. Same 2 F-15s as Flight 11</i>) | 0846 |
| Fighters Airborne | 0852 |
| Airline Impact Time (World Trade Center 2) | 0902 (<i>estimated</i>) |
| Fighter Time/Distance from Airline Impact Location | approx 8 min****/71 miles |

American Flight 77 -Dulles enroute to Los Angeles

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|---|---------------------------|
| FAA Notification to NEADS | 0924 |
| Fighter Scramble Order (<i>Langley AFB, Hampton, Va. 2 F-16s</i>) | 0924 |
| Fighters Airborne | 0930 |
| Airline Impact Time (Pentagon) | 0937 (<i>estimated</i>) |
| Fighter Time/Distance from Airline Impact Location | approx 12 min/105 miles |

United Flight 93 - Newark to San Francisco

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|--|--|
| FAA Notification to NEADS | N/A ***** |
| Fighter Scramble Order (<i>Langley F-16s already airborne for AA Flt 77</i>) | |
| Fighters Airborne (<i>Langley F-16 CAP remains in place to protect DC</i>) | |
| Airline Impact Time (Pennsylvania) | 1003 (<i>estimated</i>) |
| Fighter Time/Distance from Airline Impact Location | approx 11 min/100 miles (<i>from DC F-16 CAP</i>) |