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September 18, 2001

NORAD'S Response Times, Sept. 11, 2001

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

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

United Airlines Flight 175 - Boston enroute to Los Angeles

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

American Flight 77 - Dulles enroute to Los Angeles

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

United Flight 93 - Newark to San Francisco

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

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