



# ROLL CALL RELEASE

In Collaboration with the ITACG



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## (U) Terrorist Tactics: Mass Transit and Passenger Railroad Systems

(U//FOUO) Terrorist attack tactics used against mass transit and passenger railroad systems abroad provide insights that can assist law enforcement officers in securing these critical infrastructure assets. The chart below highlights common tactics noted in attempted or successful use of explosive or incendiary devices against mass transit or passenger railroad systems in attacks conducted between March 2004 and November 2009. The information about these attacks provides insights into device type, selection, and construction and can help law enforcement identify patterns and develop protective measures. Analysis shows terrorists have timed attacks during periods of peak ridership; used multiple, coordinated, drop-and-leave devices in identical or similar baggage; and placed devices inside rail cars to cause casualties among passengers.

|                                       | Madrid, Spain<br>11 March<br>2004             | London, UK<br>7 July 2005                                                        | Mumbai,<br>India<br>11 July 2006                   | German Trains<br>31 July 2006<br>(Unsuccessful)                                  | India-Pakistan<br>"Peace Train"<br>20 February<br>2007                                                                | Russia Nevsky<br>Express<br>27 November<br>2009        |
|---------------------------------------|-----------------------------------------------|----------------------------------------------------------------------------------|----------------------------------------------------|----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------|
| <b>Timing</b>                         | Morning rush hour                             | Morning rush hour                                                                | Evening rush hour                                  | Daytime                                                                          | Midnight, after all passengers were aboard                                                                            | 2130, after all passengers were aboard                 |
| <b>Tactic</b>                         | Coordinated, 13 drop-and-leave devices        | Coordinated, 4 suicide devices                                                   | Coordinated, 8 drop-and-leave devices              | 2 drop-and-leave devices                                                         | Coordinated, 6 drop-and-leave devices                                                                                 | Single placed explosive                                |
| <b>Method of Concealment</b>          | Identical duffel bags                         | Backpacks                                                                        | Devices hidden in pressure cookers inside satchels | Identical, small, roll-on suitcases                                              | Large, hard-sided suitcases                                                                                           | Buried beneath the tracks under ballast                |
| <b>Placement of Devices</b>           | On the floor, on seats, inside passenger cars | Carried inside and placed between legs on the floor of passenger cars and on bus | On overhead luggage racks inside passenger cars    | Inside passenger cars                                                            | By the doors inside passenger cars                                                                                    | Underneath tracks                                      |
| <b>Explosive Type</b>                 | Dynamite (Goma-2) 22 lbs                      | Peroxide-based homemade explosives 9.9 lbs                                       | RDX (high explosive) 2.5 lbs                       | No explosives, possibly incendiary device of propane tanks and bottles of petrol | Incendiary device, potassium nitrate with sulfur to spread flammable liquids—kerosene and petrol—with a timing device | Unknown explosive material equivalent to 15 lbs of TNT |
| <b>Commonly available components?</b> | No, stolen                                    | Yes, but difficult-to-create explosive materials                                 | Yes, in India                                      | Yes                                                                              | Yes                                                                                                                   | Unknown                                                |

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(U) Prepared by the DHS/I&A Domestic Threat Analysis Division, the FBI/Directorate of Intelligence, and the Interagency Threat Assessment and Coordination Group. This product is intended to assist federal, state, and local first responders in developing deterrence, prevention, preemption, or response strategies.

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