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Transportation

**GROUND TRANSPORTATION OF
EXPLOSIVES**

COMPLIANCE WITH THIS PUBLICATION IS MANDATORY

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This instruction implements and extends the guidance of AFPD 24-2. It establishes procedures for transporting explosives onto a public highway by Air Force motor vehicles, operated by Air Force military and civilian personnel. The requirements of Title 49, (*Code of Federal Regulation CFR*) and DTR 4500.9R (*Defense Transportation Regulation*) have been incorporated into this Airlift Wing Instruction. Transportation of all munitions will be coordinated with the 914 AW Transportation Management Office.

1. Introduction:

1.1. Purpose. This instruction provides local guidance for implementation of existing directives for the transportation of explosives off base. It applies to all base units/sections having the requirement to transport explosive munitions off base onto public highways.

1.2. Planning for Deployments. The requirements of this instruction also applies to contingencies, peacetime deployments, and exercises where explosives are involved and will be required to be transported onto public highways. At no time is the observance of explosives safety practices more important than when deploying and/or employing combat forces.

1.3. Explosives Mishap Notification. Should a mishap occur involving explosives of any type, immediately notify the local authority where the accident occurred. Ensure evacuation of all personnel at least 600' for class/div 1.3 and 300' for class/div 1.4 from the immediate scene. Once civil authorities have arrived on scene, and directed to the accident site, notify the base Fire Department (x2086), the Command Post (x2150), Wing Safety (x2143), the base Transportation Officer (x3208), and the 914 MXS Munitions Accountable Systems Officer (MASO) (x2420).

2. Duties and Responsibilities:

2.1. The overall responsibility for the transportation of explosives rests with the 914 Airlift Wing Commander. The Base Transportation Officer is appointed to manage the program.

2.2. The Base Transportation Officer and 914 Logistics Support Squadron/CC will:

2.2.1. Ensure the requirements of Title 49 CFR dealing with the transportation of explosives are complied with.

2.2.2. Ensure written procedures are developed to provide local guidance for implementation of existing directives governing the transportation of explosives off base.

2.2.3. Provide initial and every three years thereafter, drivers training as required by 49 CFR 177, subpart A.816. Provide documentation of this training to the individual's supervisor for annotation on the individual's AF Form 55.

2.2.4. Maintain training documentation on those individuals qualified to complete and sign DD Form 626, **Motor Vehicle Inspection (Transporting Hazardous Materials)** and DD Form 836, **Shipping Paper and Emergency Response Information for Hazardous Materials Transported by Government Vehicles**.

2.2.5. Provide to the MASO a list of those personnel who have received the DOD Standard Transportation of Hazardous Materials Course and are current.

2.2.6. Provide the required DOT placards as outlined in Subpart F of Title 49, CFR, Part 172, for those units required to transport explosives off base.

2.2.7. Provide a current copy of the North American Emergency Response Guidebook.

2.2.8. Provide the qualified individuals to certify the DD Form 836 for each shipment when the unit task certifiers are not available. Should no one be available, then coordinate to provide this service using someone from another unit.

2.3. The unit commander and functional managers having activities involving the off-base transportation of explosives will:

2.3.1. Ensure that all pre-approved convoy routes are strictly adhered to and any deviations reported back to home station. (**NOTE:** All local Department Of Transportation Laws Apply)

2.3.2. Request in writing, from the Base Transportation Officer, drivers training as required by 49 CFR 177, subpart A.816.

2.3.3. Obtain from the Base Transportation Officer, the required DOT placards as outlined in Subpart F of Title 49, CFR, Part 172, for the type of explosives being transported.

2.3.4. Ensure when personnel are preparing to transport explosives off base, that the vehicle to be used is inspected by the driver prior to arriving at the munitions storage facility and that required placards are placed on the vehicle if required.

2.3.5. The vehicle designated for transportation of explosives must be inspected by the driver and must contain the below listed equipment:

2.3.5.1. 2 each 2A:10BC or greater fire extinguishers.

2.3.5.2. Spare tire with jack and lug wrench.

2.3.5.3. Chains, binders, and tie-down strap as required.

2.3.5.4. A reliable means of communication (i.e. two-way radio or cell phone).

2.3.5.5. A current "North American Emergency Response Guidebook" and a copy of this

AWI.

2.3.6. Coordinate explosives shipments with the MASO and transportation with at least 48 hours advance notice.

2.3.7. Request in writing, from Wing Safety, weapons safety training as required by AFI 91-202, AFRC Sup 1, for all personnel required to transport explosives. This training is required annually.

2.3.8. All units that have a need to transport explosives off base will provide their own task certifiers to complete and sign the DD Form 836 the day of the munitions transport or coordinate with TMO to provide certification.

2.4. The 914 MXS MASO will:

2.4.1. Ensure before any munitions are issued for off base transportation, the requesting agency has the required DD Form 626 and DD form 836 in two copies. One copy will be maintained by the MASO after the munitions have been issued.

2.4.2. Ensure the driver has obtained from the Base Transportation Officer, the required DOT placards as outlined in Subpart F of Title 49, CFR, Part 172, for the type of explosives being transported.

2.4.3. Ensure the driver has properly secured all explosives within the vehicle. "Secure" means the load is protected by an effective restraining system.

2.4.4. Ensure the driver transporting explosives has received weapons safety training as required by AFI 91-202, AFRC Sup 1.

2.5. The Wing Explosives Safety Officer will:

2.5.1. Periodically monitor explosive operations involving the transportation of explosives off base.

2.5.2. Provide initial and annual weapons safety training to personnel as required by AFI 91-202, AFRC Sup 1 and issue AF Form 483, **Certificate of Competency**.

3. Sequence of Operations:

3.1. Personnel Limits. When explosives are being transported, a minimum of two weapons safety trained individuals are required. If more than one vehicle is required, each vehicle may have one person.

3.2. Explosive loaded vehicles will never be left unattended or parked in a public area.

3.3. The following procedures must be followed any time military or civilian personnel are required to transport military explosives on a public highway by Air Force motor vehicles.

3.3.1. When military personnel are required to transport explosives off-base, the following requirements exist:

3.3.1.1. The vehicle driver requires a military drivers license for the vehicle being driven.

3.3.1.2. An AF Form 483 "Certificate of Competency" indicating the individual has received required Weapons Safety Training as required by AFI 91-202, AFRC Sup 1.

3.3.1.3. The vehicle driver has received drivers training as required by 49 CFR 177, subpart

A.816 and this training is current.

3.3.1.4. DD Form 626 and DD Form 836 have been completed in two copies.

3.3.1.5. The vehicle must be placarded with the appropriate DOT placard. If the vehicle is carrying 1,000 lbs. gross weight or less of 1.4S, DOT placarding is not required.

3.3.1.6. It is the responsibility of the driver to ensure all explosives are secure. "Secure" means the load is protected by an effective restraining system.

3.3.1.7. Should an emergency occur, the following procedures will be followed:

3.3.1.7.1. Ensure evacuation of all personnel at 600' for class/div 1.3 and 300' for class/div 1.4 from the scene of the accident.

3.3.1.7.2. Notify the local police/fire department of the emergency.

3.3.1.7.3. After arrival of local authorities, notify the base Fire Department.

3.3.2. When civilians are required to transport explosives off-base, the following requirements exist:

3.3.2.1. The vehicle driver requires a Commercial Driver's License (CDL) with the Hazardous Materials endorsement "H" and to be qualified to operate the vehicle being driven.

3.3.2.2. An AF Form 483 "**Certificate of Competency**" indicating the individual has received required Weapons Safety Training as required by AFI 91-202, AFRC Sup 1.

3.3.2.3. The vehicle driver has received drivers training as required by 49 CFR 177, subpart A.816 and this training is current.

3.3.2.4. DD Form 626 and DD Form 836 have been completed in two copies.

3.3.2.5. The vehicle must be placarded with the appropriate DOT placard. If the vehicle is carrying 1,000 lbs. gross weight or less of 1.4S, DOT placarding is not required.

3.3.2.6. It is the responsibility of the driver to ensure all explosives are secure. "Secure" means the load is protected by an effective restraining system.

3.3.2.7. Should an emergency occur, the following procedures will be followed:

3.3.2.7.1. Ensure evacuation of all personnel at 600' for class/div 1.3 and 300' for class/div 1.4 from the scene of the accident. (**NOTE:** Do not attempt to fight the fire once the munitions become engulfed in flames).

3.3.2.7.2. Notify the local police/fire department of the emergency.

3.3.2.7.3. After arrival of local authorities, notify the base Fire Department (who will make other required notifications).

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