

**BY ORDER OF THE COMMANDER
MACDILL AIR FORCE BASE**

**MACDILL AIR FORCE BASE
INSTRUCTION 21-201**



7 FEBRUARY 2012

Maintenance

**SHIPMENT AND RECEIPT OF
EXPLOSIVES**

COMPLIANCE WITH THIS PUBLICATION IS MANDATORY

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Certified by: 6 MXG/CC
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This instruction implements Air Force Instruction (AFI) 21-200, *Munitions and Missile Maintenance Management*, and AFI 21-201, *Conventional Munitions Maintenance Management*. It establishes policies and procedures governing shipment and receipt of explosives to and from MacDill Air Force Base (AFB) in accordance with Air Force Manual (AFMAN) 91-201, *Explosives Safety Standards*, AFI 31-101, *Integrated Defense* (FOUO), MacDill AFB Instruction (MACDILLAFBI 31-101), *Installation Security Instruction/Physical Security/Resource Protection (PA)*(FOUO), and AFI 21-201. Ensure that all records created as a result of processes prescribed in this publication are maintained in accordance with AFMAN 33-363, *Management of Records*, and disposed of in accordance with the Air Force Records Disposition Schedule (RDS) located at https://www.my.af.mil/afirms/afirms/afirms/rds/rds_series.cfm. Refer recommended changes and questions about this publication to the Office of Primary Responsibility (OPR) using the Air Force (AF) Form 847, *Recommendation for Change of Publication*; route AF Forms 847 from the field through the appropriate functional chain of command.

1. Applicability. This instruction applies to all units and staff agencies responsible for security, receipt, storage, and inspection of explosive shipments.

2. Responsibilities.

2.1. 6th Security Forces Squadron (6 SFS) will:

2.1.1. Notify 6th Maintenance Squadron, Munitions Flight (6 MXS/MXMW) (Defense Switched Network (DSN) 968-1765/1763, Commercial 813-828-1765/1763), 6th

Logistics Readiness Squadron, Cargo Movements Element (6 LRS/LGRDDC) (DSN 968-1800/2800, Commercial 813-828-1800/2800), and 6th Civil Engineer Squadron, Fire Protection Flight (6 CES/CEF) of arriving shipments. Notification will include HC/D of explosive, destination, and route of arriving shipments.

2.1.2. Ensure all explosive laden vehicles arriving or departing during normal or after duty hours enter and exit MacDill AFB via Tanker Way Gate during duty hours (Monday-Friday, 0530-1500), or Dale Mabry Gate during Tanker Way Gate non-duty hours.

2.2. 6 LRS will:

2.2.1. Provide escort for explosive A & B laden vehicles operating on MacDill AFB while keeping the 6th Air Mobility Wing, Command Post (6 AMW/CP) (DSN 968-4361, Commercial 813-828-4361) apprised of vehicle position and route. Only approved/authorized travel routes will be used (see Attachments 2-4).

2.2.2. Accomplish inspections of explosive laden vehicles arriving/departing MacDill AFB.

2.2.3. Accomplish required forms, i.e., Department of Defense (DD) Form 626, *Motor Vehicle Inspection (Transporting Hazardous Material)*, and DD Form 836, *Dangerous Goods Shipping Paper/Declaration and Emergency Response Information for Hazardous Materials Transported by Government Vehicles/Containers/Vessel*, in connection with explosive shipments. Apply seals and required placards to transport vehicles.

2.2.4. Block and brace explosives being shipped via commercial vehicle.

2.2.5. Coordinate inbound explosive shipments with Munitions Flight (DSN 968-1765/1763, Commercial 813-828-1765/1763) and 6 SFS (DSN 968-3322/3, Commercial 813-828-3322/3). Notify Base Fire Department (DSN 968-3630, Commercial 813-828-3630) of all explosive laden vehicles entering MacDill AFB.

2.3. Munitions Flight will:

2.3.1. Notify Base Fire Department (DSN 968-3630, Commercial 813-828-3630) of all explosive laden vehicles status entering the Munitions Storage Area (MSA).

2.3.2. Ensure two authorized fire extinguishers are readily available. Load/unload explosive cargo after 6 LRS, Cargo Movements Element, has in-checked vehicle and driver produces the properly completed DD Form 626 bearing a Transportation Inspector signature which approves/releases carrier for such action.

2.3.3. Ensure proper condition, count, and even distribution of load.

2.3.4. Complete appropriate documents for explosive shipment and provide 6 LRS, Cargo Movements Element, with required documents.

2.3.5. Provide escort for visitors coming into MSA.

2.3.6. For outgoing shipments of all explosives, notify Base Fire Department (DSN 968-3630, Commercial 813-828-3630) of explosive laden vehicles status. Arrange escort of HC/D 1.1, 1.2, 1.3 vehicle(s) with Cargo Movement personnel from MSA flight line gate to Tanker Way Gate.

2.4. Fire Department will:

2.4.1. Notify civil Fire Department of transportation route for outbound HC/D 1.1, 1.2, 1.3 shipments in local area.

2.4.2. Monitor explosive transport while enroute and during download/upload operations on base.

3. Procedures for Processing Incoming Explosive/DoD Classified, Sensitive, and Hazardous Shipments. After determining the escort requirements, the owner/user will contact the Base Defense Operations Center (BDOC) and give them the following information: name of escort and driver; description of explosives being moved (risk category and number); starting and terminating location of movement; route of travel; time of departure; estimated time of arrival; and mode of transport including vehicle description, make, model, color, and registration number. Please refer to MACDILLAFBI 31-101 for more information. Upon arrival of an explosive laden vehicle at the Tanker Way Gate: (*Note:* Shipments should be delivered during normal duty hours Monday thru Friday between 0700 and 1600.) If carrier arrives after normal duty hours, Cargo Movements standby personnel (DSN 968-1800/2800, Commercial 813-828-1800/2800) will be responsible for providing secure holding and refuge involving DoD classified, sensitive, and hazardous shipments other than explosives. These vehicles will be allowed entry via the Tanker Way Gate with prior approval from 6 SFS. Vehicles will be parked approximately 100 feet inside the gate in the parking area specified by 6 SFS. Vehicles transporting explosives will be escorted to Thunder Village/South Ramp Access Road, Suspect Vehicle Holding Area/Inspection Area (see Attachment 2) by 6 SFS. 6 SFS will notify 6 LRS, Cargo Movements Element (DSN 968-1800/2800, Commercial 813-828-1800/2800). 6 LRS, Cargo Movement Element, will notify Maintenance Production Superintendent (DSN 968-9210/9211, Commercial 813-828-9210/9211) and Munitions flight (DSN 968-1765/1763, Commercial 813-828-1765/1763, normal duty hours) that a shipment has arrived and is awaiting inspection. Carrier must remain with vehicle at all times during this period until the next duty day/scheduled delivery. 6 SFS personnel will make periodic checks. There will be no more than two vehicles allowed on base at any one time carrying hazards and requesting a secured holding area after hours. For carriers transporting cargo other than explosives, it is the installation commander's prerogative to authorize entry.

3.1. Upon arrival of shipment at Tanker Way Gate, BDOC will dispatch a patrol to conduct the escort. The patrol will escort munitions to the hardstand for inspection. Use primary route from Tanker Way Gate, proceed east on N. Boundary Blvd, turn right onto the airfield access road, proceed through Gate 1V, head south on Taxiway O, turn left on access road, and turn right onto MSA access road. BDOC will then notify the Traffic Management Office (TMO) (6 LRS/SGRT), who will then respond to inspect the shipment.

3.2. 6 SFS Desk Sergeant will, during normal duty hours (Monday-Friday, 0700-1600), notify 6 LRS, Cargo Movements Element, and Munitions Flight of the explosive shipment arrival.

3.3. 6 LRS, Cargo Movements Element, will dispatch an escort detail to Tanker Way Gate. Detail will escort vehicle to inspection site and then to the MSA.

3.3.1. Travel will be via North Boundary Road approximately 100 yards into base. Travel will be on roadway leading south going through Hardstand #2, continue travel on

approved explosive routes. Suspect Vehicle Holding Area/Inspection Area (see Attachment 2) will be located on Thunder Village/South Ramp Access Road between the rear entrance of MSA and the South ramp.

3.3.2. Upon arrival at inspection site, Transportation Inspector will inspect vehicle including opening trailer to inspect blocking and bracing for adequacy. Inspector will prepare necessary forms and give driver a copy of DD Form 626. If there is any evidence of damage in shipment, emergency procedures will be followed (see Attachment 5). A Munitions Inspector (2W051/71/91) will be called to survey damage, determine cause for deficiencies, and state whether explosives may proceed safely to unloading area. Appropriate reports will then be initiated. Anytime sabotage is suspected, additional Security Forces will secure the area. Explosive Ordnance Disposal (DSN 968-4406/3635, Commercial 813-828-4406/3635) and Air Force Office of Special Investigations (DSN 968-4921/2, Commercial 813-828-4921/2) will be notified.

3.4. 6 LRS, Cargo Movements Element, personnel will escort vehicle to unloading area. Munitions Flight personnel will download shipment and sign appropriate release documents.

3.5. Munitions Flight will notify Transportation Inspector so new seals can be applied to all vehicles that still contain explosives after MacDill assets have been off loaded.

4. Procedures for Processing Outgoing Explosive Shipments.

4.1. Security Forces personnel will notify Transportation office of explosive laden vehicle arrival. 6 SFS will direct driver to the shipment destination upon approval of vehicles load.

4.2. Vehicles acceptable for transporting explosives will be provided properly completed and signed documents by Transportation Inspector.

4.3. Driver will be directed to Building 825, MSA. Transportation Inspector will notify Munitions Flight of vehicle estimated time of arrival, provide carrier's information, and provide programmed load.

4.4. Upon proper identification of driver, Munitions Flight personnel will escort vehicle to loading site. Driver will be escorted at all times while within the MSA and must be present while loading operations are being completed.

4.5. When loaded, the vehicle will not be moved until blocking and bracing have been accomplished by Packing and Crating personnel, and the Transportation Inspector has inspected and released vehicle to driver. 6 LRS personnel will be escorted in the MSA.

4.6. Transportation Inspector will apply seals (paragraph 2.2.3.), record identification numbers, and verify bill of lading for explosive shipments going by commercial vehicle. Driver will be provided a completed/signed DD Form 626. Cargo Movements Element will provide escort for HC/D 1.1, 1.2, 1.3 explosive laden vehicle(s) leaving MSA.

4.7. For unit-initiated shipments going by government vehicle, Transportation Inspector will accomplish DD Form 836 and maintain it as required.

4.8. All HC/D 1.1, 1.2, 1.3 explosive shipments will move with escort detail on same route used by incoming vehicles. Escort detail will escort vehicles from MSA to the Tanker Way Gate during normal duty hours (Monday-Friday, 0530-1500), or Dale Mabry Gate during non-duty hours. Fire Department will coordinate departure route with local authorities.

Explosive laden vehicles will not depart the Tanker Way Gate until coordination has been accomplished.

5. Incoming/Outgoing Air Shipments.

5.1. 6 LRS, Air Terminal Section, will:

5.1.1. Notify Airfield Management Operations (DSN 968-2350/2321, Commercial 813-828-2350/2321), Fire Department (DSN 968-3630, Commercial 813-828-3630), Security Forces (DSN 968-3322/3, Commercial 813-828-3322/3), and Transient Alert (DSN 968-4261/62, Commercial 813-828-4261/62) of incoming and outgoing air shipments. Additionally, Munitions Flight will be notified of incoming shipments scheduled during normal duty hours (0700-1600). Command Post will be notified to call in Munitions Flight stand-by personnel after normal duty hours.

5.1.2. Provide Munitions Flight (Command Post after duty hours) with aircraft down times, required delivery times, and changes as they occur.

5.2. Munitions Flight personnel will:

5.2.1. Coordinate transportation support of outgoing shipments with Air Freight/6 LRS from MSA to location designated by Air Freight personnel.

5.2.2. Receive incoming munitions during normal duty hours.

5.2.3. Ensure all documentation is complete.

5.2.4. Place munitions received during non-duty hours (1600-0700) in temporary storage.

5.2.5. Update fire symbols as required for munitions placed in temporary storage. Also, update Fire Department of all changes.

LENNY J. RICHOUX, Colonel, USAF
Commander

Attachment 1**GLOSSARY OF REFERENCES AND SUPPORTING INFORMATION*****References***

AFI 21-200, *Munitions and Missile Maintenance Management*, 13 November 2009

AFI 21-201, *Conventional Munitions Maintenance Management*, 11 December 2009

AFI 31-101, *Integrated Defense (FOUO)*, 8 October 2009

AFMAN 33-363, *Management of Records*, 1 March 2008

AFMAN 91-201, *Explosives Safety Standards*, 17 November 2008

MACDILLAFBI 31-101, *Installation Security Instruction/Physical Security/Resource Protection (PA) (FOUO)*, 11 January 2010

Prescribed Forms

None

Forms Adopted

AF Form 847, *Recommendation for Change of Publication*, 22 September 2009

DD Form 626, *Motor Vehicle Inspection (Transporting Hazardous Material)*

DD Form 836, *Dangerous Goods Shipping Paper/Declaration and Emergency Response Information for Hazardous Materials Transported by Government Vehicles/Containers/Vessel*

Abbreviations and Acronyms

6 AMW/CP—6th Air Mobility Wing, Command Post

6 CES/CEF—6th Civil Engineer Squadron, Fire Protection Flight

6 LRS—6th Logistics Readiness Squadron

6 MXS/MXMW—6th Maintenance Squadron, Munitions Flight

6 SFS—6th Security Forces Squadron

AF—Air Force

AFB—Air Force Base

AFI—Air Force Instruction

AFMAN—Air Force Manual

BDOC—Base Defense Operations Center

DD/DOD—Department of Defense

DSN—Defense Switched Network

HC/D—Hazard Class/Division

LGRDDC—Cargo Movement Element

LGRT—Traffic Management Flight

MACDILLAFBI—MacDill Air Force Base Instruction

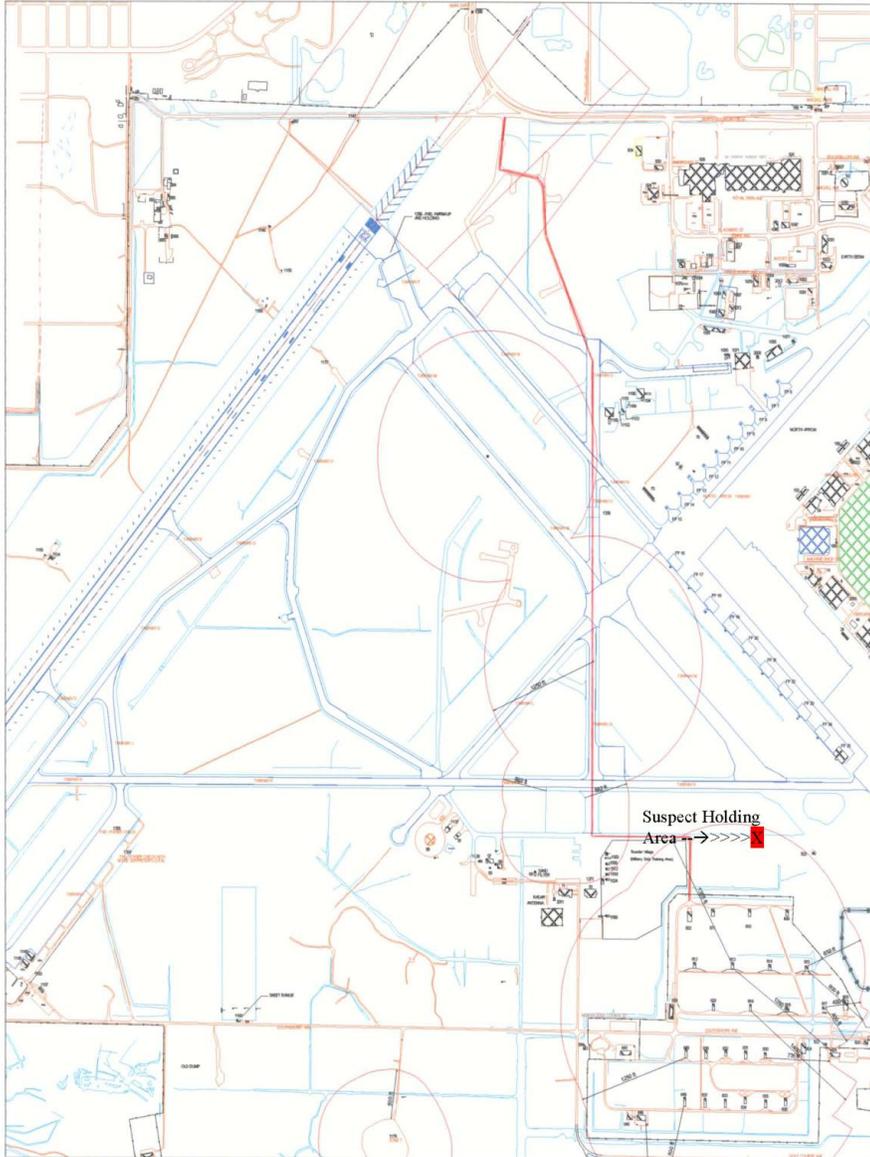
MSA—Munitions Storage Area

OPR—Office of Primary Responsibility

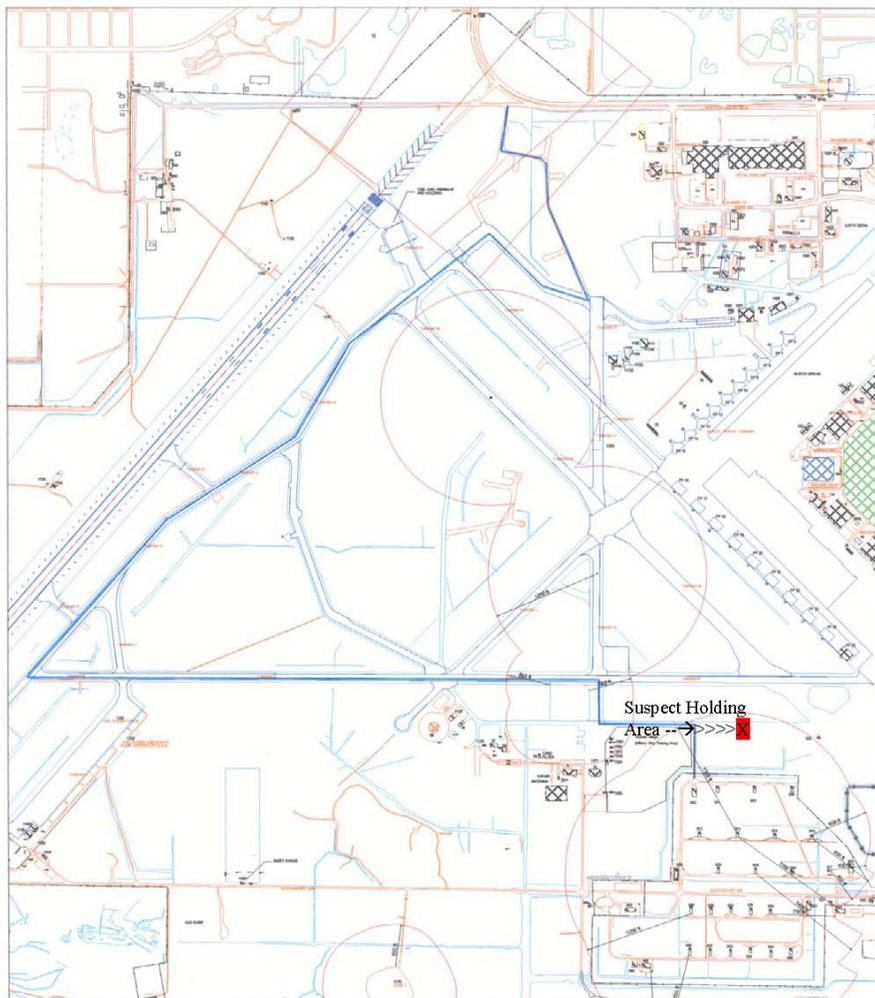
RDS—Records Disposition Schedule

TMO—Traffic Management Office

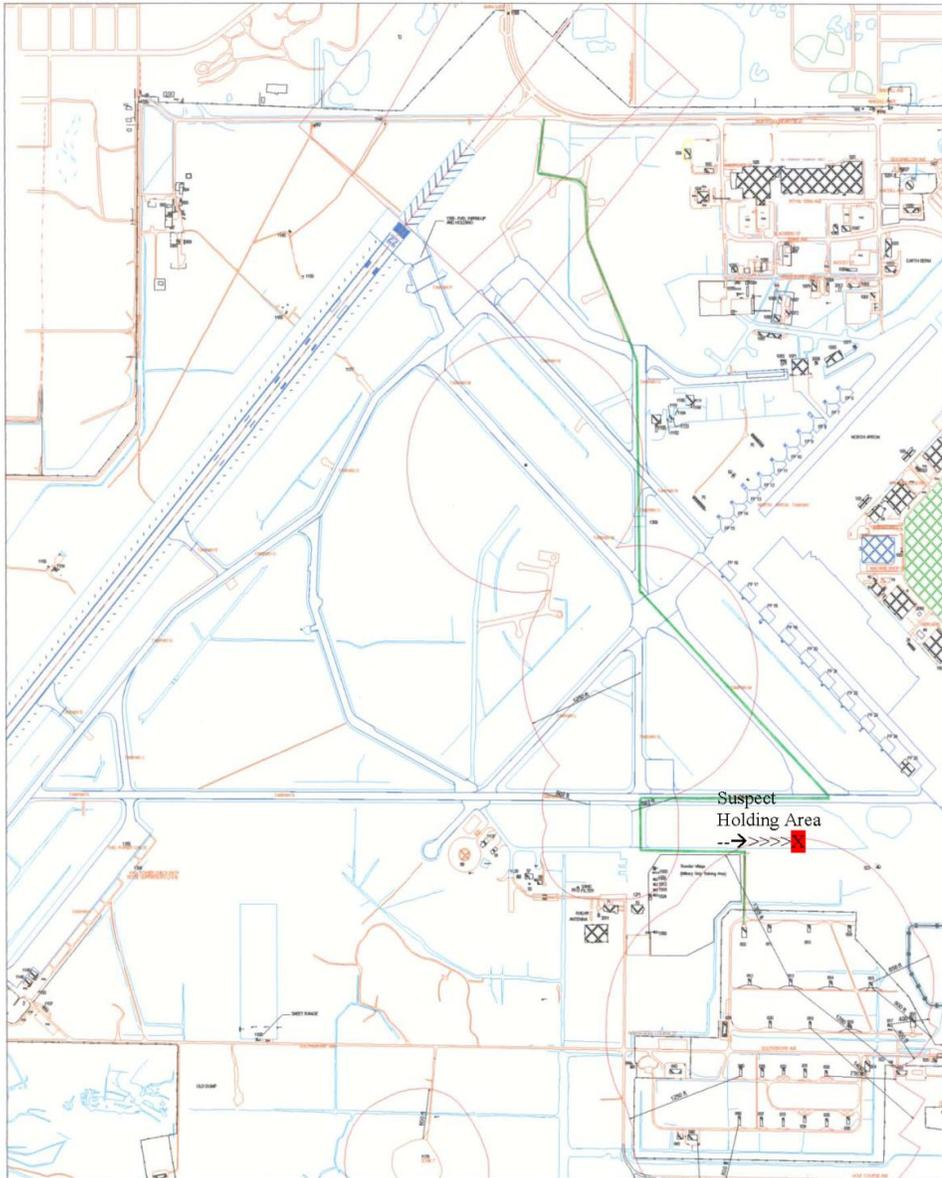
Attachment 2
PRIMARY EXPLOSIVE ROUTE



Attachment 3
ALTERNATE EXPLOSIVE ROUTE I



Attachment 4
ALTERNATE EXPLOSIVE ROUTE II



Attachment 5**EMERGENCY PROCEDURES**

Note: If an explosive laden vehicle at the Tanker Way Gate is deemed a Suspect Vehicle and is capable of moving, 6th Security Forces will have the vehicle escorted to Thunder Village/South Ramp Access Road/Suspect Vehicle Area/Inspection Area (see Attachments 2, 3, and 4). If vehicle is disabled, withdraw appropriately.

Note: Explosive type can be obtained from the vehicle driver.

A5.1. Explosives Involved: UNKNOWN.

A5.2. Personnel Limits: ONLY ESSENTIALS FOR OPERATION.

A5.3. Withdrawal Distance:

Warning: Avoid fighting any fire involving chemicals.

A5.3.1. From the Port of Tampa gate: 4000 FEET or GREATER. Reference points – West on Interbay Blvd to Westshore Blvd (head north pass McCoy St), Interbay Blvd east to Dale Mabry (head north), MacDill Farmer Market, W. Iowa Street, on east side of Dale Mabry, and/or Car Wash, W. Ohio Street, on west side of Dale Mabry. If Set 1 (RED MAN) chemicals are identified, evacuate two miles (just north of Gandy Boulevard) upwind which is the direction the wind is blowing or one mile (Interbay Plaza on Dale Mabry Highway) in other directions.

A5.3.2. From the Suspect Vehicle Site: 4000 FEET or GREATER. Reference points: Carter's Cars Body/Paint/Upholstery Shop, on west side of Port Tampa, and/or Florida Rock and Tank Line Company on east side of Port Tampa. Any location to the west of MacDill Avenue on the base is within the clear zone and should be evacuated.

A5.4. Notify Wing Command Post, DSN 968-4361, Commercial 813-828-4361.

Warning: For Class/Division 1.1/1.5 and certain liquid propellants, fight fire only if lifesaving attempt is being made. Fight fires only if sufficient fire-fighting equipment is on hand and available.

Note: For all fires, note the time fire started or how long the fire has being going.

A5.5. Fire-Fighting Guidance:

A5.5.1. For Class/Division 1.2 and 1.6, sound the alarm then fight fire only in the early stages.

A5.5.2. For Class/Division 1.3, fire may be fought if explosives are not directly involved.

A5.5.3. For Class/Division 1.4, fires will be fought.