



45th Space Wing

Emergency/Disaster Response Procedures



**45th Civil Engineer Readiness and
Emergency Management Flight
45 CES/CEX
(321) 494-4224**



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45 Space Wing

- Two Major installations, Patrick AFB and Cape Canaveral AFS plus Ascension Island and other properties
- Host unit 45th Space Wing
- Major Mission Partners
 - 920 Rescue Wing
 - Air Force Technical Applications Center
 - Defense Equal Opportunity Management Institute
 - Department of State Air Wing
 - 333 Recruiting Squadron
 - Naval Ordnance Test Unit
 - National Reconnaissance Office
 - All other commercial launch partners (Space X, Blue Origin, Moon Express)





Patrick AFB



- 15,687 total personnel (including CCAFS)
 - 3,951 military
 - 6195 dependents
 - 2206 appropriated civilian
 - 3185 non-appropriated civilian
- 9,922' x 260' main runway and 4,000' x 200' secondary
- 2,341 acres
- Formerly Banana River Naval Air Station

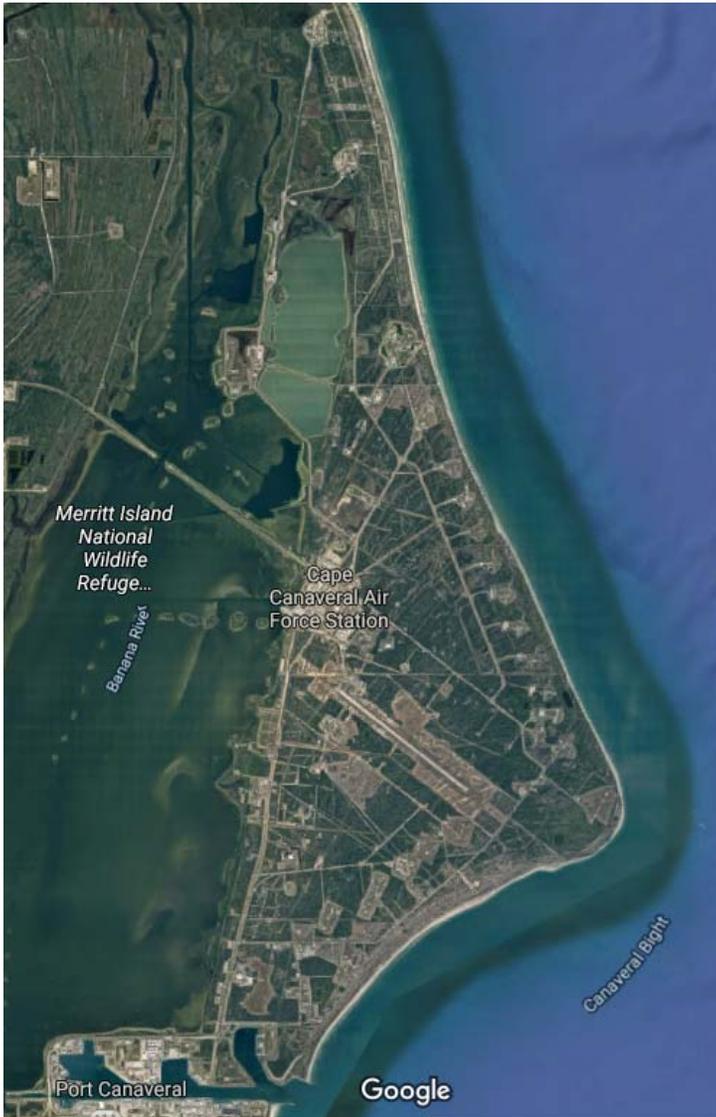


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Cape Canaveral AFS

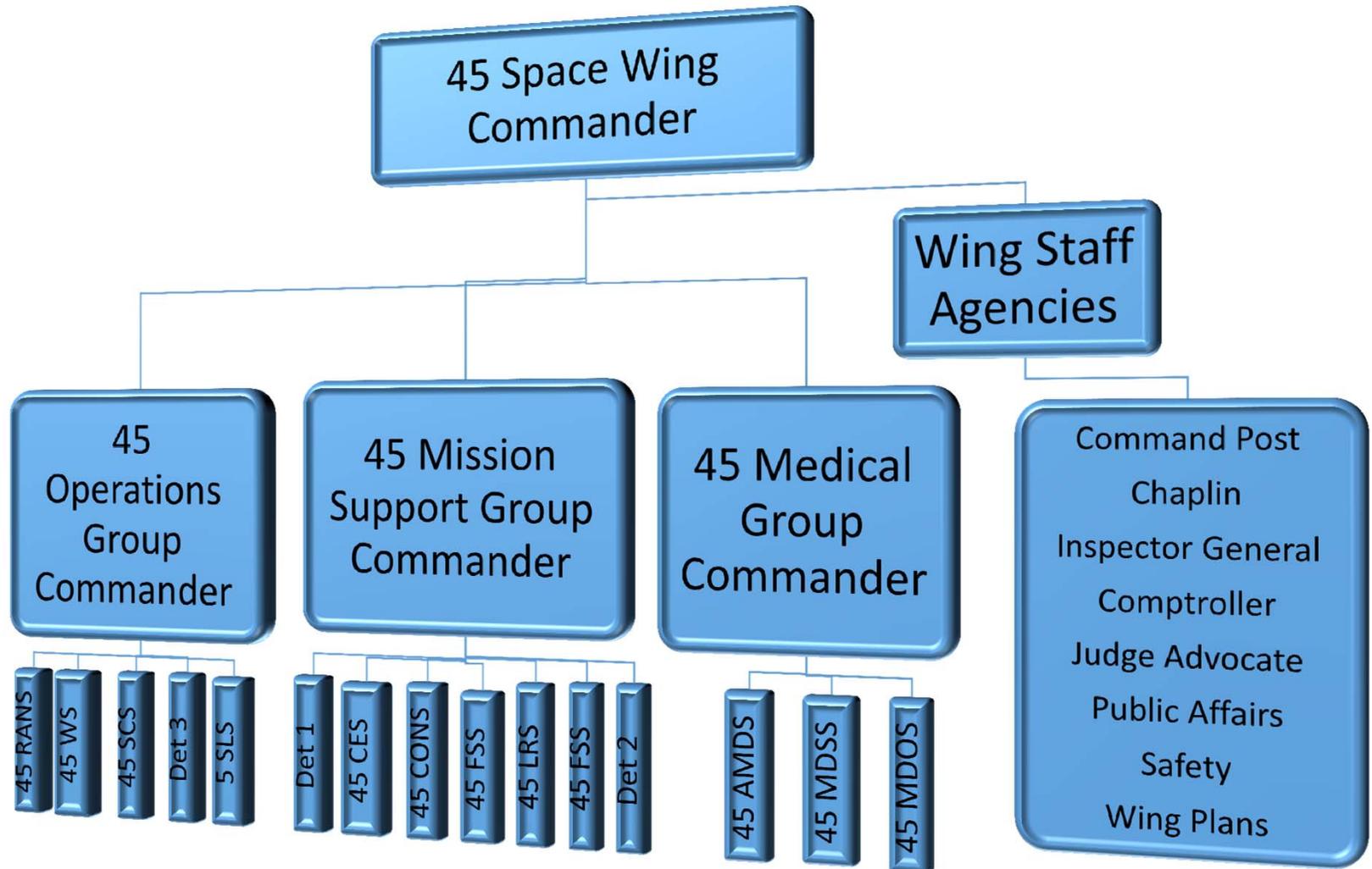
- 17,092 acres
- 10,000' x 200' runway (very limited parking apron)
- 4 active launch pads (more to be reactivated soon)
- Birthplace of all spaceflight (Mercury, Gemini, early Apollo, etc.)



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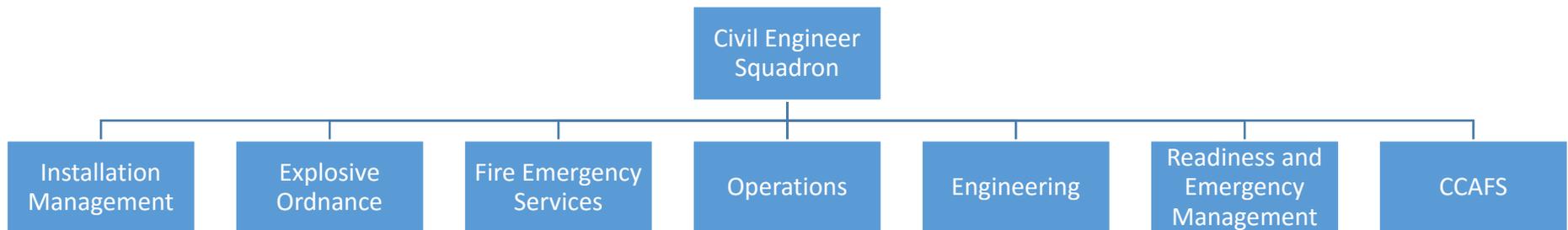
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45 Civil Engineer Squadron



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EM Program Structure



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Crisis Action Team

- **Wing Commander**
- **Vice Wing Commander**
- **Command Chief Master Sergeant**
- **Director of Staff**
- **Operations Group Commander**
- **Mission Support Group Commander (or Deputy Commander)**
- **Medical Group Commander**
- **Contracting**
- **Safety**
- **Weather Squadron**
- **Communications Squadron**
- **Judge Advocate**
- **Comptroller**
- **920 RQW, AFTAC, DEOMI**
- **Public Affairs**
- **Civil Engineer**
- **Anti –Terrorism**
- **Intel**



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Emergency Operations Center (EOC)

PAFB Primary (Bldg 710) & Alternate (Bldg 998)

CCAFS Primary (Bldg 85125) & Launch (Bldg 50012)

- **EOC Directors: MSG/CC or designated Rep (i.e. CES/CC)**
- **EOC Managers: R&EM Flight Leadership**
- **ESF-1 Transportation** **OPR: LRS**
- **ESF-2 Communications** **OPR: SCS**
- **ESF-3 Public Works & Engineering** **OPR: CES**
- **ESF-4 Firefighting** **OPR: CES/CEF**
- **ESF-5 Information and Planning** **OPR: CES/CEX**
- **ESF-6 Mass Care, Housing, & Human Services** **OPR: FSS**
- **ESF-7 Resource Support** **OPR: LRS**
- **ESF-8 Public Health and Medical Services** **OPR: MDG**
- **ESF-9 Urban Search & Rescue** **OPR: CES/CEF**
- **ESF-10 Oil & HAZMAT Response** **OPR: CES**
- **ESF-11 Agriculture & Natural Resources** **OPR: MDG**
- **ESF-12 Energy** **OPR: CES**
- **ESF-13 Public Safety and Security** **OPR: SFS**
- **ESF-14 Long Term Community Recovery/Mitigation** **OPR: CES**
- **ESF-15 External Affairs** **OPR: PA**
-



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Air Force Incident Management System



Civilian Procedures

FEMA Procedures

Sister Service Procedures

HSPD-5
National Response
Framework



- From 9/11
- Created NIMS



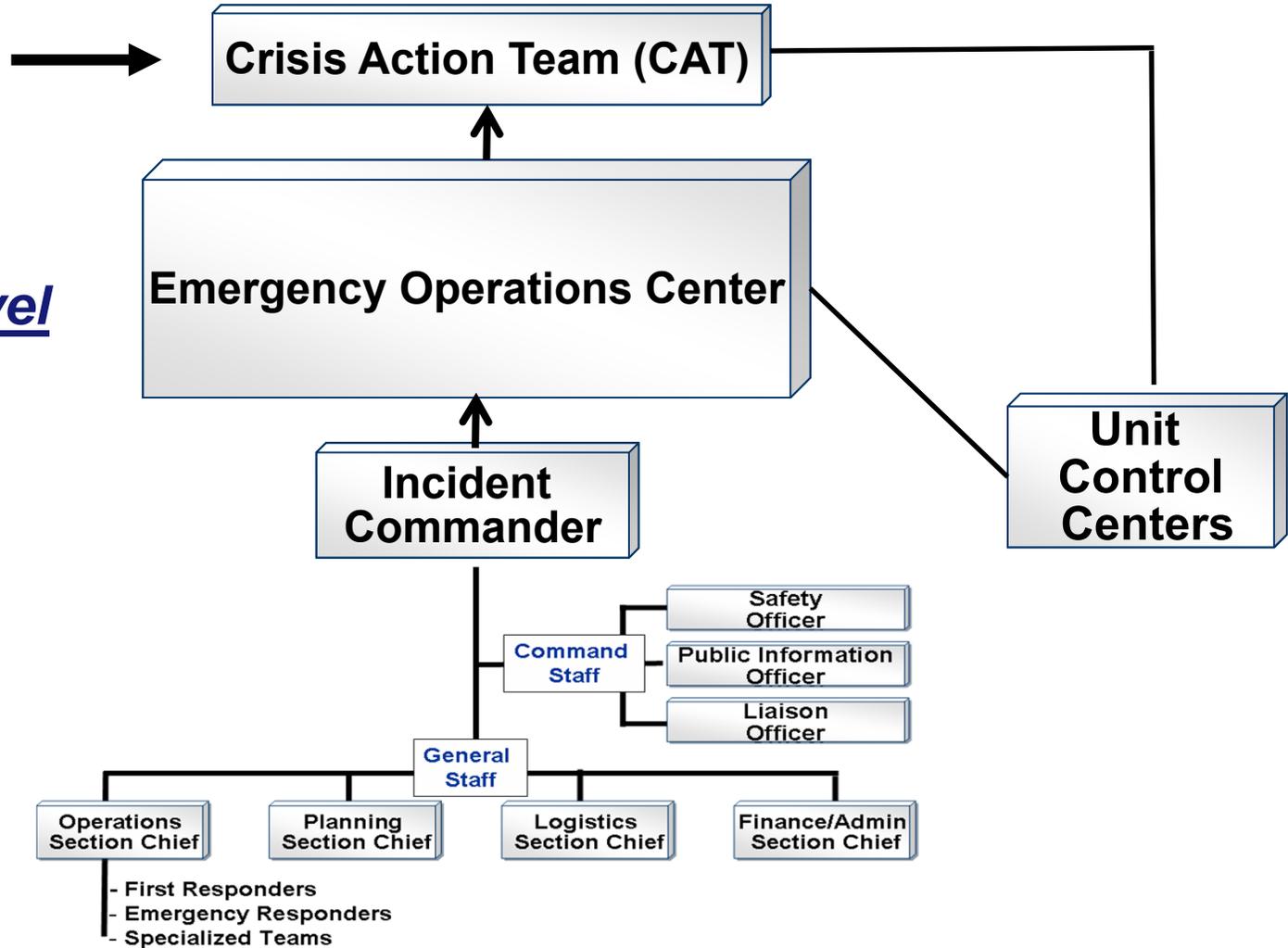
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DRF Command Relationship AFIMS Standards

Strategic Level

Installation/CC



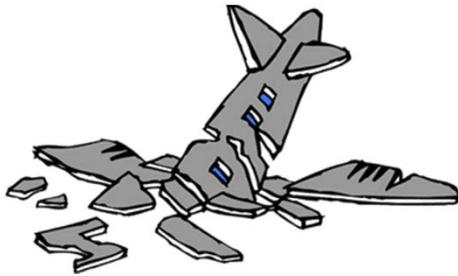
Operational Level

Tactical Level





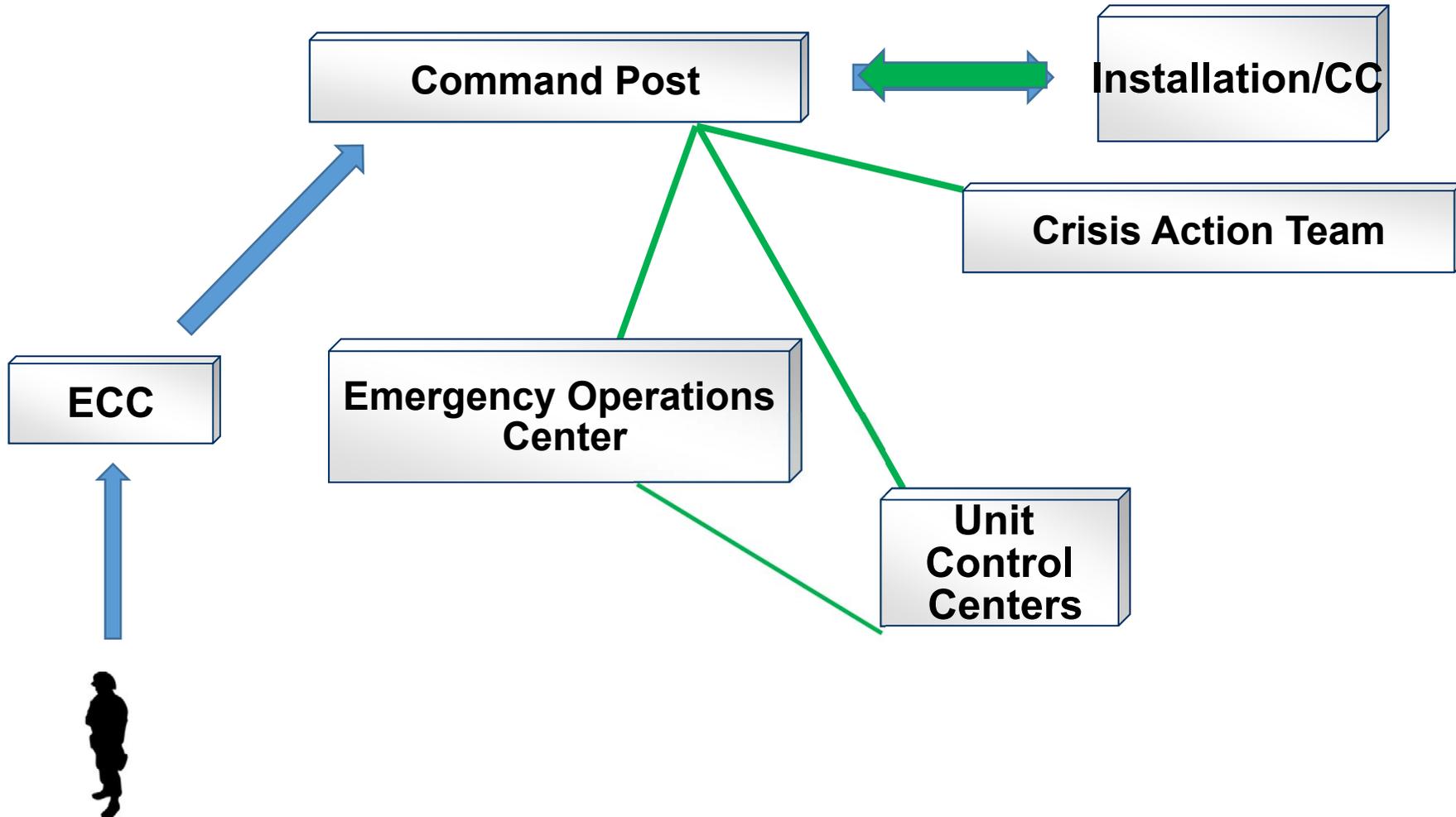
Activation



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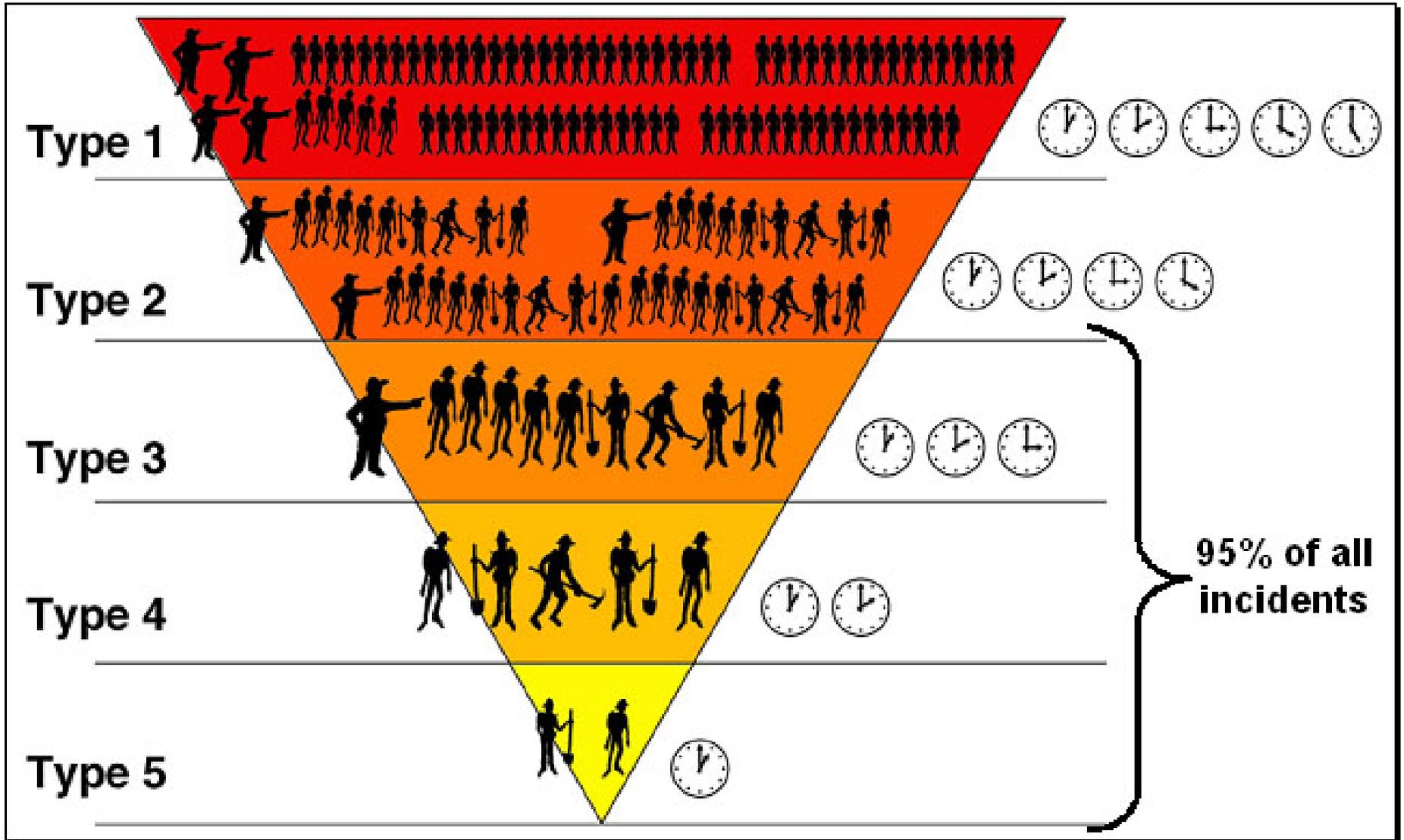


Activation





Incident Type Codes



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Emergency vs Disaster

•If you *have more responders than victims*, you have an emergency...



•If you have *more victims than responders*, you have a disaster...



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Agreements

- **Fire and Emergency Services**
 - Kennedy Space Center
 - City of Cape Canaveral
 - Cocoa Beach
 - Brevard County
 - Titusville
 - Satellite Beach
 - Rockledge
 - City of Cocoa
 - Indialantic
- **Medical**
 - Health First (includes Holmes Regional, Canaveral, Viera, Palm Bay)
 - All other Medical Centers and Hospitals
 - Other services (Strategic National Stockpile, Mental Health, Morgue, etc.)
- **Law Enforcement**
 - Military Working Dog
 - Training, equipment, etc.





Defense Support to Civil Authority

- 45 Space Wing can provide DSCA under three different scenarios
 - MOA/MOU other agreement
 - Immediate Response (72 hour, save lives, prevent humans suffering, mitigate great property damage)
 - Presidential Declaration (formal tasking under the National Response Framework)
- 45 Space Wing Commander will seek advice from the Emergency Preparedness Liaison Officer (EPLO)

Note: The DSCA briefing is an annual briefing given by one of the Florida EPLOs to all Installation Commanders on an annual basis. The briefing is available from the EM professional providing this briefing.





Installation Emergency Management Plan 10-2

- Required by AFI 10-2501 and DODI 6055.17
- Reformatted recently to align with FEMA guidance, specifically Comprehensive Preparedness Guide 101
- Developed using online software from the USAF Civil Engineer Center known as the “IEMP Tool”
- Single IEMP for both PAFB and CCAFS
- Formatted into the following major sections:
 - Basic Plan
 - Individual Quick Reaction Checklists
 - Functional Annexes
 - Hazard Specific Appendices
 - Support Appendices
- After the Installation Commander signs the IEMP every unit tasked in the IEMP must develop/update checklists within 60 days.





Hazard Assessment / Capability Assessment

The 45 SW has a tool to determine the most likely hazards that could affect the installations of the 45 SW. It also determines the severity of those hazards as well as the status of the installation to be able to mitigate, prepare for, respond to or recover from these hazards.

The 45 SW also maintains a capability assessment spreadsheet that is in turn formalized into a report on an annual basis.

The instructor will now show how these two reports are used when preparing the IEMP 10-2 and other plans.





Example scenario

The instructor will now walk you through an example incident that could occur on PAFB or CCAFS.

The scenario involves a fuel spill on one of the 45 SW Installations. This will summarize how DOD, FEMA, USAF and local guidance comes together and summarizes things that we discussed in this presentation

The instructor will now refer to the IEMP 10-2 and discuss how all First and Emergency Responders come together to prepare for respond to and recover from a HAZMAT fuel spill response.





Summary

- The two major installations of the 45th Space Wing
- The Organization of the 45 SW
- Installation Emergency Management Program
- Incident Type Coding
- Emergencies vs Disasters
- Agreements
- Defense Support to Civil Authority
- Installation Emergency Management Plan
- Hazard and Capability Assessments
- Example Scenario

Questions?





Resource Allocation Process

