WINGS
Aerial Response Exercises
Location TBD
June 2016
WINGS

Local emergency responders will most likely be the first on scene at a radiological incident.

Dependent of the size of the response, the need for additional aerial assets may be great.

To achieve a seamless integration of all aerial assets into a unified response.

To improve aerial emergency response techniques and establish working relationships with responding agencies.

WINGS is designed to be a series of tabletops and field exercises to aid in effective collaboration of multiple aerial radiation detection assets.

“We train as we fight and we fight as we train”
WINGS

Full Scale Exercises

- **Real-time** development of a **response plan**
  - ✔️ ✔️

- Exercise an **Incident Command Structure**
  - ✔️ ✔️

- Coordination and prioritization of **multiple aerial assets**
  - ✔️ ✔️

- **Conduct measurements of actual contamination**
  - ✔️ ✔️

- **Establishment** of a Concept of Operations document
  -  ❌ ✔️

- **Exercise** the Aerial CONOP process
  -  ❌ ✔️

- Development of a **joint map product** from all aerial assets
  - ✔️ ✔️
High Priority

Establish working relationships with responding agencies

Established a good working foundation between multiple aerial assets during a nuclear response mission.

Plan to **improve on mission prioritization** specific to asset specialization and **final products**.
2014 Participants

- Customs Border and Protection & AMS Region 3
- Los Angeles Sheriff’s Department
- Las Vegas ARMOR
- Remote Sensing Laboratory
- Participants: 100+
- 7 + Aircraft
2014 Execution
Tuesday, March 25 – Thursday, March 27, 2014

FULL SCALE EXERCISE
(Desert Rock Airport)

- Mission Assignments
- Mission Planning
- Flights approved by Air Boss
- Briefings

LOGISTICS

MEDIA
WINGS 2015 Participants

Customs Border and Protection & AMS Region 3

Florida Highway Patrol & Bureau of Radiation Control

EPA

Philadelphia Police Department

NTNF/ARMY

RSL

Participants: 100+

8+ Aircraft
2015 Summary

SUPPORTED NATIONAL LEVEL S.C. EXERCISE:
SOUTHERN EXPOSURE (SE15)

PARTICIPANTS: 95+
AIRCRAFT PRESENT: 10

FIXED-WING: 6
HELICOPTER: 4

AERIAL MISSIONS: 32
ALTITUDE SPIRAL: 8
SE15 FLIGHTS: 10

FLIGHT HOURS: ~ 75

* 1 helicopter down for maintenance
Questions?
2015 Execution
Monday, July 20, 2015

AIRCRAFT ARRIVE

REGISTRATION & BRIEFINGS

MARS REFRESHER

PIC MEASUREMENTS
2015 Execution
Tuesday – Thursday, July 21 - 23, 2015
FULL SCALE EXERCISE
DAYS 2 - 4
Feedback – Most Commented

- Interaction with other Federal and local agencies
- Ability to learn other and observe limitations of system(s)
- Access to areas containing real activity
- Need for situational awareness
- MARS training is appreciated and/or requested
- More time designated for briefings
- Roles & Responsibilities of a RNAC needs to be defined
Focus

- Exercise the Aerial CONOP and SOP
- Multi-Agency data collaboration and integration
- Prioritization of missions for data collection needs

Selection and implementation of the RNAC

- Improve the situational awareness for assets/participants
- Implementation of direction through a “FRMAC”

- Monitoring Manager will interact with players