

Gulfstream Aerospace Corporation G-IV
Bedford, Massachusetts
May 31, 2014
ERA14MA271

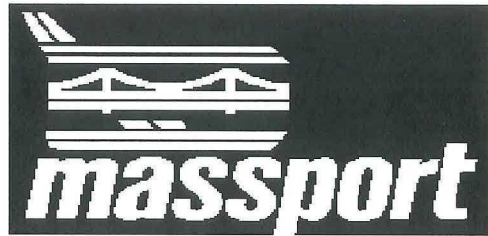
**NATIONAL TRANSPORTATION SAFETY BOARD
WASHINGTON, D.C.**

ATTACHMENT 9

2012 BEDFORD AIRPORT TABLE TOP EXERCISE

16 - Pages

LAURENCE G. HANSCOM FIELD
OPERATIONS DEPARTMENT



Barbara Patzner, Airport Director

TABLE TOP EXERCISE 2012

Emergency Management Workshop
Friday June 22, 2012

Ed Freni
Director of Aviation

Barbara Patzner
Director, L.G. Hanscom Field

TABLE TOP EXERCISE 2012

AIRPORT/COMMUNITY EMERGENCY PLANNING PROGRAM LAURENCE G. HANSCOM FIELD

Date: June 22, 2012

Time: 9:00 AM

Location: Hanscom AFB Conference Room, Building 1106 in the Concord Conference Room,
Hanscom Air Force Base, Massachusetts

Transportation onto the Air Force Base:

For people who don't have regular access onto the Air Force base, a list of attendees has been provided to the visitor center for access.

Contact Number:

On the day of the exercise, if you have need to contact someone for transportation onto the base or any other reason pertaining to the TableTop, please call the following number:



- 0900 - 0930 Sign in/ Refreshments (Hanscom Conference Center)
- 0930 - 0945 Welcome Remarks - Barbara Patzner, Airport Director, L.G. Hanscom Field, MPA
- 0945- 0955 Hanscom Overview - Keith Leonhardt, Manager, Operations & Maintenance, MPA
- 0955-1005 Chief Robert Hildreth – Hanscom Air Force Fire Chief
- 1005 - 1015 Emergency Operations Review - Kerri Fadden, Airport Operations Shift Manager, MPA
- 1015 - 1020 Airport Incursion Prevention - Dan Obert – Air Traffic Control Manager FAA
- 1020-1130 TableTop Exercise - Moderator (Michael Aumueller, Airport Operations Shift Manger, MPA)
- 1130 - 1200 Lessons Learned/ De-brief (All)

Agencies:

- Air Force Fire Department
- Armstrong Ambulance
- Bedford Fire Department
- Bedford Police Department
- Boston EMS Council
- Boston Flight Standards District Office
- Boston Med Flight
- Civil Air Patrol
- Concord Fire Department
- Concord Police Department
- Emerson Hospital
- FAA Air Traffic Control
- FAA Flight Standards & Safety
- Federal Bureau of Investigation
- Hanscom Airport Operations
- Hanscom Maintenance
- Jet Aviation
- Lahey Clinic
- Lexington Fire Department
- Lexington Police Department
- Lincoln Fire Department
- Lincoln Police Department
- Massachusetts Emergency Management Agency
- Massachusetts Port Authority Fire Department
- Massachusetts State Police Troop F
- Massport CARE Team
- National Aviation Academy
- Office of the Chief Medical Examiner
- Red Cross
- Signature Flight Support
- Transportation Security Administration
- U.S.A.F. 66th Security Forces Squadron
- U.S.A.F. Base Safety Office
- U.S.A.F. Inspector General's Office

Table Top General Guidelines

I. Procedures

- A. The exercise will be controlled by a moderator.
- B. The exercise will be broken down into four phases. (Break out phases into sub categories)
 - 1. Initial response communications and actions (Response)
 - 2. Identification of crash area location and first responders (Communications and Equipment)
 - 3. Aircraft crash survivor rescue (Rescue)
 - 4. Recovery of deceased, accident investigation, environmental impacts, aircraft removal (Recovery)
- C. The scenario will be presented that will facilitate a dialog between the different responding agencies and the moderator. Members of each department will discuss their actions while responding to the accident.
- D. Periodically during each phase, the moderator will present special problems, circumstances or hazardous conditions requiring a solution.
- E. The response of each agency shall be within the parameters outlined in the scenario.
- F. Maps indicating aerial perspectives of L. G. Hanscom Field and surrounding areas will be available for the purpose of providing visual effects during individual presentations.
- G. Questions regarding the scenario or specific events shall be directed to the moderator or other departments.
- H. The exercise will be terminated by the moderator upon completion of the operational priorities in the Recovery Phase.

II. OBJECTIVES

guide and inform all participating agencies of emergency planning techniques and procedures that result in efficient utilization of emergency personnel and resources. The specific objectives for this exercise are as follows:

1. Review resource and equipment allocation and availability
2. Improve Communications (Alert 3 & ARFF/Mutual Aid, radio)
3. Familiarization of Staging Areas
4. Review Emergency Procedures

III. Summary/ Exercise Review

A review of the exercise will be performed and questions and comments will be discussed.

Welcome to

The 2012 Table Top Exercise

Laurence G. Hanscom Field

WELCOME REMARKS

Barbara Patzner
Director, L.G. Hanscom Field

Hanscom Overview

Keith Leonhardt
Manager, Operations and
Maintenance

Chief Hildreth
Air Force Fire

Hanscom Operational Review

- Kerri Fadden – Massport Operations Shift Mgr
- Aircraft Types/Frequencies/Passenger Counts
- AOA, Movement Area, Non Movement Area
- Critical Areas
- After Hours Emergency Operations

Airport Incursion Prevention

- Dan Obert – Air Traffic Control Manager
FAA

Exercise Objectives

Michael Aumueller
Airport Operations Shift Manager

Objectives of the Exercise

- Familiarize people with emergency operations
- Provide education on Hanscom Field operations and any update or changes
- Identify areas in need of improvement
- Provide a positive environment that facilitates communication
- Meet FAR Part 139 Requirements

FAA Emergency Response Online Training

- http://www.faa.gov/aircraft/gen_aw/firstresponders/
- 9 Cirrus SR-22 Based at Hanscom
- Other small aircraft may be modified with a **Ballistic Parachute System**

Accomplishments

- Integrated Emergency response grid with the Air Force
- Hanscom Alert 3 Notification System
- Fire Road and New Gate Access off Rwy 11
- Reconstruction of Rwy 11 Extension Road
- Re-grading of Rwy 11 Approach (Hill Area)

Exercise Instructions

- A Scenario will be presented and department members will be called upon to discuss their response actions.
- Questions may be asked from department to department or department to moderator.
- The exercise is broken down into 3 phases: Initial Response, Rescue and Recovery.

Evaluation

- Following the TableTop exercise, we will have a brief discussion to discuss the following:
 - Areas we would like to improve
 - Lessons Learned

Table Top

Start Exercise

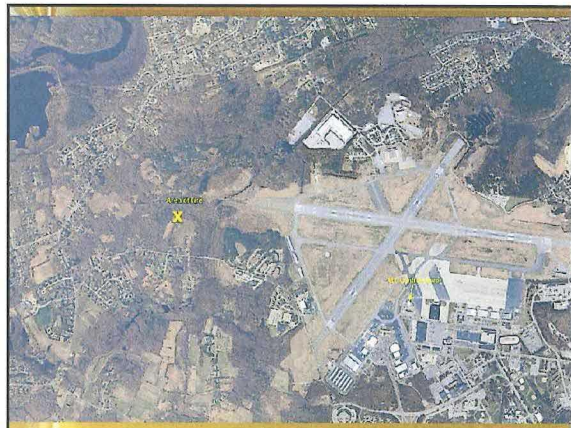
Conditions

- Date: June 22, 2012
- Winds 270 @ 12K
- Temp: 92° F
- Visibility: Clear
- Precipitation: None
- Time: 1430L (Late afternoon)

Scenario

It's 4:30 PM on Friday evening of June 22th 2012.

ATC personnel notice a large amount of smoke coming from the wooded area off the approach of Rwy 11. looks like a fire may be developing in the woods.



Phase 1 - Initial communications and actions (Initial Response)

Air Traffic Control

- What are your actions at this point?
- Who do you contact and what information is conveyed?

Massport Ops

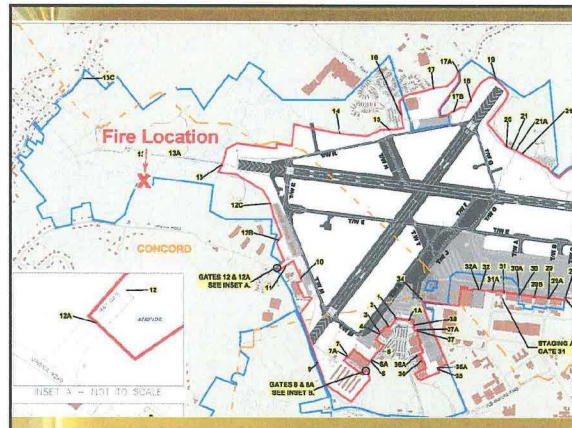
- What are your actions at this point?
- Who do you contact?

Mass State Police

- What are your actions at this time?
- What contacts are made?

Armstrong Ambulance

- What are your actions at this time?



Mutual Aid Responders

- Bedford – Actions Taken
- Concord – Actions Taken
- Lexington – Actions Taken
- Lincoln Fire – Actions Taken
- Municipal Aid Law Enforcement – Action Taken

Air Force Security

- Actions Taken

Air Force Emergency Management

- Actions Taken

Massport Administration

- Actions

Phase I(a)

- At 1800L, two hours into the fire fighting operation off the Approach to 11, ATC receives the following message:
- Hanscom Tower November 123AB declares a fuel emergency.
- Aircraft Type: EMB 120
- 10 miles (6 min) out for straight in Rwy 29

Aircraft Involved – EMB 120



Max number of Passengers – 30 Pax 3 Crew

Air Traffic Control

- What are your actions at this point?
- Who do you contact and what information is conveyed?

Air Force Fire

Following Notice by ATC

- What are your actions at this point?
- Who do you contact?

Massport Ops

- What are your actions at this point?
- Who do you contact?

Mass State Police

- What are your actions at this time?
- What contacts are made?

Armstrong Ambulance

- What are your actions at this time?

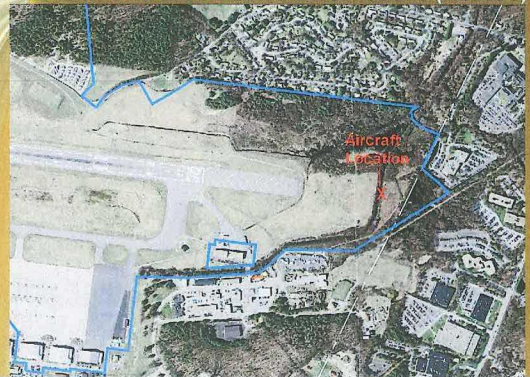
Mutual Aid Responders

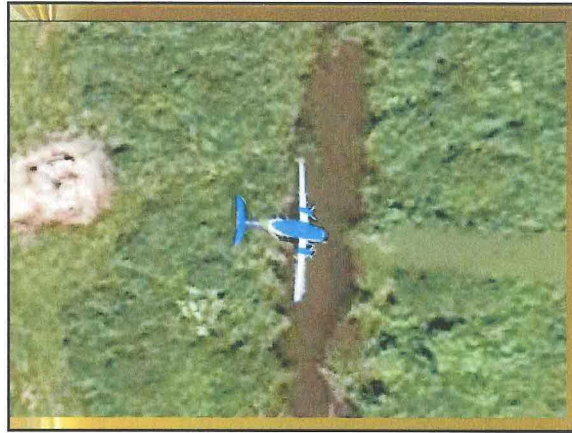
- Bedford – Actions Taken
- Concord – Actions Taken
- Lexington – Actions Taken
- Lincoln Fire – Actions Taken
- Municipal Police – Action Taken

Exercise Message Update

- N123AB just crashed short of Rwy 29 and looks like severe damage. No fire at this time.
- Definitely a Mass Casualty accident
- Looks like the aircraft hit the culvert and flipped over and is partially in the water.
- ATC what are your actions

Phase II - Aircraft crash survivor rescue (Rescue)





Phase II - Aircraft crash survivor rescue (Rescue)

1. Initial emergency response arrives with apparatus and finds the aircraft upside down and it is very clear that this is a "mass casualty" event with many fatalities and severe injuries.
2. Eight people from the crash have escaped the aircraft with minor to severe injuries and are wandering around the site.
3. The status of the remaining passengers are unknown

Air Force Fire

- What are your actions at this point?
- What is the approach for reaching this aircraft with the necessary equipment and persons to perform a rescue?
- What additional resources do you call for?

Armstrong Ambulance

- How are the necessary resources acquired to respond to this accident?
- When resources arrive where will your staging and triage areas be located?

Mutual Aid Responders

- Bedford – Actions Taken
- Concord – Actions Taken
- Lexington – Actions Taken
- Lincoln – Actions Taken

Massport Ops

- What are your actions when you arrive on scene?

Massport Administration

- What actions would you take at this point?

Massport CARE Team

- Representatives from the CARE Team arrive on site, what actions are taken?

Massport ???Public Relations

- Massport ??? Arrives on scene, how do you address the media?
- What actions do you take?

Mass State Police

Four more state troopers have arrive on scene

- What are your actions at this time?

Rescue Progress

Rescue Progress

** If Ground rescue was method used

Rescue Conclusion

- Injured persons are removed from the aircraft
- 2 Hours into the accident, access to the general aircraft area by ground has been accomplished

Phase 3 (Investigation & Recovery)

All injured and uninjured persons have been removed from the aircraft.

FAA FSDO

- How would the investigation unfold in this scenario?

Office Chief Medical Examiner

- What would your actions be at this time?

FBI

TSA

State Police

- Secure the area

Airport Operations

- Following the removal of all passengers and crew from the aircraft, what would your actions be at this point?

TABLE TOP

END EXERCISE

10 Min Break

Conclusion / Lessons Learned

- Comments on the Initial Response, Search, Rescue and Recovery Phases
- What are some lessons learned from this exercise?
- What are some areas that should be looked at to improve future emergency response?

