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To contact about piloto. La Det pilot or abtet the Commend Post would interest

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(Speeddraf) Speed deil TO S.D. - Rome, n.y. Shio diactor - 1 Events of 9/11/01 0 - mike Kelly - Puty Cartroller Boston lets cold him to Scramble gets for possible hyork. They osked for Tel # TO NEADS the switched then TO NEADS. and

6

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43 SOF = Colonel Trang-Stranble And lane down and They launched the Jets Furthe Communication w/vexDS from someone else Thou lel Tame from SOF doch that I place Struck WTCI. They put T. V. On and witnessed and Alc hit WTC 2, They recalled aircraft on Francis missions. They Generated Jets 70 a wantime - Transform a ANG Whit W/2 places on alex 70 a What W/more than 2

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- Ch Chang of OTIS AFB on Ship Some direction to 0715- Junementle - 18 Total basigned (uncuft -> - All lut 4 me A/C were

made very to respond TO 9/11

(e.g. take from bangers, repaired,
etc.) Most Tuesdamin have an early state neetings & all wing men heads of they

We simutaneously made aware of the scramble, informed through the

command post. witnessed the two hits on CMM. Knew immediately on a cicar

day it was deliberate. Convined their better state. CIVIL recard

disaster response.

"AIR WAS" SIDE ZY/7 CZ

"Ground var" side > deprogramment activities, Air support Fol Ground of ADTISAS,
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unless notified of an event.

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ALSO HAVE ARMI NATIONAL GUARD AIR DIVISION ON BASE.

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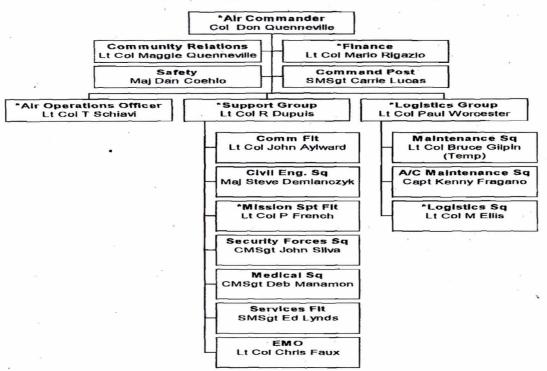
Withheld from public release by National Archives and Records Administration under 36 C.F.R. § 1256.56

rocu to man

### 102FW Technician Org on 9/11

\*Indicates changes have been made since 9/11

#### 102d Fighter Wing - Technician Combat Wing



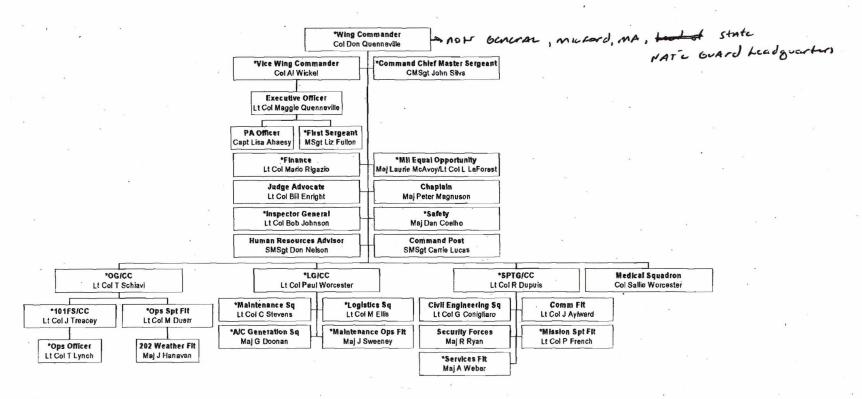
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# 102FW Military Org on 9/11

\* Indicates changes have been made since 9/11



DUAR HATTER STATE AFFICIATION, TRAINING IN SUPPORTIZED OF FEDERAL MUSSION NOT JUST THE AVIDANCE MUSSION.

· 18 F-15 Eagles
· AIR SUPER sort / Sovereignity
· 24/7 Homewood Scourity / defense

STATE MISSION - directed by Governor, natural disaster regionse.

CZ, pover janersman, security, posse compathous.

OPERATIONAL ACTIVITIES:

9-1 coldiane campor

9-01 UPN OPERATION NOBLE EAGE

MAY 03-UPN OIR

DCC 03 LAF standar

AIR FORM Constructs 20 day grops of CAPAGRATINA, ROYARD

in 8 out every 15 months.

sor 60% to NATE genoreman quality for immediate petimenent. Assessment of what deploymentation to "Love" for life.

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Battlestack / scarce rescue capabiles

Started working towards 24/7 anacresis.

Major MCGRADY, Joseph P.	Boston CAP Pilot	102 FW
Major DOONAN, Dennis W.	Boston CAP Pilot	102 FW
Major ANDERSON, Hal S.	Boston CAP Pilot	102 FW
Lt Col DAVIS, Jay M.	Boston CAP Pilot	102 FW
Lt Col LEFAVOR, James M.	Boston CAP Pilot	102 FW
Lt Col DOLAN, Michael J.	Boston CAP Pilot	102 FW

Address for retired Lt Col Ramsay: available at this time

Address for retired Lt Col French is not

4. Point of contact the 102<sup>nd</sup> Fighter Wing is Lt Col Jim LeFavor, DSN 557-4385, or Lt Col Margaret Quemeville, DSN 557-4664.

Withheld from public release by National Archives and **Records Administration** under 36 C.F.R. § 1256.56

-signed-JAMES M. LEFAVOR, Lt Col, MAANG Operations Officer, 101 FS

Now serving as Commander Mass. Air National Guard
 Now serving as Operations Group Commander

<sup>&</sup>lt;sup>3</sup> Now serving as Vice Wing Commander

Now serving as Maintenance Group Commander

<sup>&</sup>lt;sup>5</sup> Now serving as Wing Commander

<sup>&</sup>lt;sup>6</sup> Now serving as Mission Support Group Commander

<sup>&</sup>lt;sup>7</sup> Now serving as Superintendant of Security Forces

<sup>8</sup> Now serving as Air National Guard Assitant Director of Operations ACC/DOG

<sup>9</sup> Now serving as Fighter Squadron Commander

<sup>10</sup> Now serving as Mission Support Flight Commander

Began & 6 mc jets, tech forceful fired & configured. Centerlin only-began to preposition wing tanks

siderinders

Began Loading AIM-9 missiles on all me wireraft 1st, Switched to Ts and then 1203
Aim 75 Am-rams
SPArrows

- 5AK = 4x2x2x6 configuration within 4 hours

- Backstop maintenance increased temp to support the Imassive you effort

- Could put & guns on guich (training could fin & cin stills) > I hour for after ful & 2 missiles and minimum

behind the scenes makes Front line happen

## SUPPORT Group SPC

CES-24 hr op. SFS-90% voume (security)

MPR-24 hr Ops clas add to folks ( personell)

SVF- 90% VOL: Served 1100 means when 48 hrs (services Fright)

CF- 24 hr command Comm Centh

MDS- 8 vol conduct med scheening

#### DEPARTMENT OF THE AIR FORCE

HEADQUARTERS 102D FIGHTER WING (ACC)
MASSACHUSETTS AIR NATIONAL GUARD
OTIS AIR NATIONAL GUARD BASE, MASSACHUSETTS 02542-5028

MEMORANDUM FOR HAF/XOHP, ANG CAT

3 September 2003

FROM: 102 FS/DO

165 Izzea Street, Bld 165 Otis ANGB, MA 02542

SUBJECT: National Commission on Terrorist Attacks Upon the United States

- 1. This list of key personnel for the 102 Fighter Wing, Otis ANGB, Massachusetts, comes in response to a request for information from USAF/XOHP relayed through the Air National Guard Crisis Action Team senior director by e-mail dated Friday, 29 August 2003.
- 2. Some of participants are now retired and the current addresses are supplied where known. We will provide further address information when it becomes available.
- 3. Listing of personnel follows (current rank):

Rank Name	Position on 11 Sep 01	Status
Col QUENNEVILLE, Donald	Wing Commander <sup>1</sup>	HQ/MAANG
Col WICKEL, Albert S.	Vice Wing Commander <sup>2</sup>	102 FW
Col SCHIAVI, Anthony E.	Operations Group Commander <sup>3</sup>	102 FW
Col DUPUIS, Richard R.	Support Group Commander <sup>4</sup>	102 FW
Col WORCESTER, Paul G.	Logistics Group Commander <sup>5</sup>	102 FW
Col ELLIS, Mark F.	Logistics Squadron Commander <sup>6</sup>	102 FW
CMSgt SILVA, John D.	Command CMSgt <sup>7</sup>	102 FW
		* 1
Col TREACY, John D.	Fighter Squadron Commander <sup>8</sup>	ACC/DOG
Lt Col RAMSAY, William M.	Operations Officer	retired
Lt Col LYNCH, Timothy M.	Operations Support Flight Commander <sup>9</sup>	102 FW
Lt Col FRENCH, Phillip S.	Mission Support Flight Commander	retired
Major DOONAN, Virgina I.	Aircraft Generation SQ Commander <sup>10</sup>	102 FW
Lt Col STEVENS, Christina G.	Maintenance Squadron Commander	102 FW
		9
Lt Col DUFFY, Timothy	Alert Pilot (1 <sup>st</sup> to scramble)	102 FW
Major NASH, Daniel S.	Alert Pilot (1 <sup>st</sup> to scramble)	102 FW
Major MARTYN, Robert S.	NYC CAP Pilot	102 FW
Major RICHARD, Martin J.	NYC CAP Pilot	102 FW
Lt Col RAY, Douglas L.	Boston CAP Pilot	102 FW
Capt BECKEL, Jeffrey S.	Boston CAP Pilot	102 FW
-		

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Deneral Quemerulle 1/7/04 John Farmer Jeogh Brown - Andy Huddleston H.G. First A.F. Dave Frishberg - 33 yrs military - 35 yrs in the Grand - 8 yrs. orthe Duty - 1978 - Jones ots ANG. - Flew F-106 in NORAD mission in 1972-77 (Siggiths AFS) 19+8- Tyndall ATS. - 19+2 - Height of Cold War NORAD mission - Olto evolution out the years. - 9/11/01 - 7 clert sites on the funds - Jalent basks were I Shut Lown,

17

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- Pre 9-11 hijach procedures -FAA would contact NORAD Strough NEADS, SEADS, or WADS! IFF" - Identification "Freedon" - NORAD training our the years. North mosion - (Post 1987) time frame). - Early 1990 - deployed TO farance to conduct dung Interdiction mission. Col handed A/C get 070 DEA, Costoms, etc. F-106 - Primary mission was to Comy a tactical nuclear Weapon, (Designed to Intercept Burber Formations).

F-106- very lopoble high altitude plane. FAA and NORAD-? -> Quementle says this question is better posed at NEADS. The 9-11 -> NORAD looked & outward for the to cost wout much help from FAA because of four volume an tropper near the Coastlere. of esternal threats. - The Was declined but not the nature of Clert with I esterned tank and no missels (hat gues any). In 9-11- planes were fully lawford w/ 3 tanks, radar missiles trel hat gus because of the Russian Bean

Ingley Visit 20 Events of 9-11 to respond to Russian Blan Esoraise. Late 1988 20 U.S. 6 averalt go out at 9 A.M. To fly air sovereignty exercise. JORAD chitercept wasien Bear. Devel was at two day morning weekly neeting. I He was that A (c) told during meeting that A (c) were placed on battle statums to respond TO a higashing. ly of 15 AFB. - He left larly morning meeting and without to two aff som people looking at t.V. Reports of Commute plane hitting WC He saw DED Alc hit WTC 2 He was the Wing Commander on 9-11, the alest aircraft are assets

of NORAD. rokad has authority to order scrapt. Conference Old A/C on 9/11 to respond To Russian Exercise. was told that NORAD scrambed the 2 F-155 on 9-11. - after he saw 2 de hut went to lammand Post and gathered his battle stage. he ardied at the Command Post. marie 85 tanker was in the air to support the Obs local sorties training locales. in Evisultation with NEADS.

- They had 17 total planes on - 2 alest planes - autoine at 8:50 Am - 6 trainer Dotte Conlored A Sion Honor Sion of Sion of Ala and A.M. A.M. Ala and Son Scheduled for repairs, etc. Within 17 hours, they had 14 anciest fully configured to fly mossions. e sercise in July 2001. of "a Force Provider" (F-15") fully amed and configured were laurched. (ch oddeton to Duggly and nash). + NORAD sets and determines the Rules of Engagement (ROE'S)

"Possified I of alex fours charges depending on the threat the level. Changes in air Domission Post 9-118: - more about Bosks - more assets ( clert fights - NORAD still looks outward but looks inwood also Copinion Quementle sees Tomoust threat as fost 9-11 > he sees better sharing of Information. He fears that Camplachy will set in with the american public os time goes on We are a sovereign nation and we don't leave our borders Uncovered,"

#### MEMORANDUM FOR THE RECORD

Event: Interviews at Otis Air National Guard Base (Otis ANGB)

Type of event: Interview with Brigadier General Donald J. Quenneville

Date: January 7, 2004

Special Access Issues: None

Prepared by: Geoffrey Brown

Team Number: 8

Location: 102<sup>nd</sup> Fighter Wing, Otis Air National Guard Base, Massachusetts Air National

Guard

Participants - Non-Commission: Andrew Huddleston (Dep Ch, Plans, Integration &

Transformation Div, AF/XOHP, 703 696-0024, Fax: 703 588-0636)

Participants - Commission: John Farmer, John Azzarello, Geoffrey Brown

#### Background:

Quenneville has been in the military for 33 years. Eight years of which was active duty. He came to the 102<sup>nd</sup> Fighter Wing in 1978, and last year became the commander of the Massachusetts Air National Guard.

Please see the attached biography for further details.

#### Alert Site Mission:

Quenneville recalled that in 1972 NORAD's Air Defense mission included fifteen or sixteen alert sites. Between 1972 and 2001 the number of sites declined due to the perception of the Cold War threat. Most of those bases were at the maritime borders in 2001, as opposed to the northern alert sites that were active in the Cold War, and meant to respond to an attack from over the North Pole and Canadian airspace.

Quenneville explained that the alert site mission was relatively constant through its changes. He noted that the mission at Otis ANGB was mostly focused on responding to Russian Bear (a type of aircraft with the capacity to carry air-to-surface missiles) activity. When the Russians developed the Bear H model — that has the capability of launching a cruise missile — Otis had a high priority on shadowing those aircraft; but as the Russian defense capability declined with the worsening of the Russian economy, the number of alert sites declined.

Quenneville remarked that prior to 9/11 the focus of the alert bases was still an outwards-looking monitoring mission. Quenneville noted that Dr. Finklestein, a policy maker at NORAD, analyzed possible threats to national airspace. Quenneville opined that

his answer to the need of the air alert mission despite the end of the Cold War was that rogue states looking for high level weaponry had a free market in the former Soviet Union. He believed that until those weapons were accounted for, it was still necessary for Otis ANGB to have an air alert mission. He noted that those focused on assessing the need for the air defense mission decided that seven air defense bases was the minimum needed.

#### Hijack Mission:

Quenneville noted that the hijack procedure and responsibility did not change over his career. He believed that NORAD developed the procedures that were used by the Air Force to intercept a hijacked aircraft. He noted that in addition to the radio signals to indicate a hijack that a pilot uses – signals Commission staff is familiar with – there were both hand signals and internationally developed signals that were familiar to the fighter pilots (for instance, Quenneville noted that the direction and orientation from which a fighter performs an intercept is a way of signaling the pilot of the target of interest).

#### Hijack chain of command:

According to Quenneville, ideally the FAA would notify NORAD of an ongoing hijacking; but if NORAD became aware of a hijacking through a discreet IFF system code change then, since both entities used joint-use radar, the coordination would be "sorted out" between a NORAD sector like NEADS and the FAA before fighters are launched.

#### **Drug Interdiction Component:**

Quenneville noted that the F-106 did not participate in many drug interdictions, circa 1986. He noted that fighters were deployed for forty-five days to Panama in the early nineties. They would mostly intercept what was believed as a drug running aircraft, then shadow the target aircraft until it landed.

#### F-106 and F-15

Quenneville noted that the firing exercise he was involved in was to test different aircraft's ability to fire a tactical nuclear weapon. This is one of the designs for the F-106 – to launch a missile referred to as the "Geanie Rocket".

Though the F-15 was developed as an air interceptor, it quickly showed its ability as a tactical fighter. It was never designed to carry a nuclear weapon. He noted also that the radar and ability to carry better missiles were improved from the F-106 to the F-15.

#### NORAD/FAA Cooperation:

Quenneville noted that the Otis ANGB take-off route, which points off the coast and was designed to respond to an externally orientated threat, did not at all times call for

FAA air traffic guidance. The route is designed to point out of the main air traffic, and that coordination could exist directly between NEADS controllers, who have the ability to find a target on their radar systems, and the fighter pilots. He noted that exercises were conducted at night on occasion specifically because there is less air traffic at that time.

Quenneville noted that he does not recall a live exercise involving the FAA and an airliner to practice a hijack. He explained that the standard procedure was to never approach to closer than five models and to trail the hijacked aircraft to monitor its actions.

#### Threats:

Quenneville noted that though he was aware of Osama Bin Laden before 9/11, he never received a link between Bin Laden and the post-Cold War threats that were typified by the 9/11 attacks. He continued, and noted that even though the quantity of threats had changed over his career, the outlook and operational approach to those threats had not. The adequacy of the air defense mission of NORAD was based on the ability to perceive a threat with enough time to respond.

Quenneville noted that as of 9/01 the fighters "sat alert" with an external tank and live guns; it was possible they would sit with heat seeking missiles as well. He said that because of the Russian Bear exercises that were scheduled on 9/11 the fighters were configured as 3-2-2-1. He noted this is a higher state of readiness than the fighters would normally have been at.

Quenneville noted that the last intercept he recalls for Russian Bears was in 1988.

#### 9/11:

Quenneville was advised during a weekly meeting that the pilots were put at Battle Stations due to a possible hijack. The Operations Group Commander briefed him, and he continued the meeting. It ended, and he went to get paper work for the next meeting. Quenneville went into the break room, and was told that a commuter airplane had just hit the World Trade Center (WTC). He told Commission staff that he thought at the time that it was a large whole for a commuter airplane. He was watching the broadcast when United Airlines Flight 175 (UAL 175) hit the second tower. He immediately called to convene the Battle Staff, and headed to the Command Post.

Quenneville noted that the fighters at alert status were NORAD assets, and controlled by NORAD. He said that as the Wing Commander on 9/11, he was considered a "force provider". He noted that NORAD always specified how to posture their air alert assets.

At the Command Post the Battle Staff convened. He noted that the initial intelligence that they relied on was that the suspected hijacked aircraft was the first aircraft to hit the WTC. He did not recall if they initially knew the second aircraft was

hijacked as well. He also noted that their aircraft were communicating with NEADS entities since the aircraft were too far away to communicate with directly.

Quenneville noted that two of the training sortie fighters backed up the PANTA flight while the other aircraft were being refitted. Quenneville believes that the training sortie fighters launched around 8:52 AM, very close to the time the PANTA flight was airborne. He noted that the training missions were recalled at 9:25. The Maine 85 tanker that was used by PANTA was deployed in support of those fighters' training. He noted there was another tanker in the air that they used as well.

#### Rules of Engagement (ROE):

He noted that the operations group commander would have communicated changes in the ROE to the pilots who were launched subsequently of the initial scrambled fighters. Quenneville explained that Duffy and Nash received the information from NEADS, and that the other pilots were briefed per the direction of NEADS by Otis ANGB staff. Quenneville noted that the procedure created for this was in place and practiced since it was the same procedure that was used when DEFCONS were changed due to the Cold War threat.

Quenneville noted that the ROE was developed based on "bigger picture" inputs. On 9/11 there was a specific set of ROEs, and these were adjusted accordingly. The adjusted ROEs redefined where authority would be issued from to have an order to engage an airliner.

#### Assets at Otis:

He noted that following direction from NEADS, Otis ANGB began manning combat air patrol (CAP) missions. They recalled and refitted the training assets, and launched fighters in support of the PANTA flight. He noted that over the course of the day Otis ANGB changed the fighters from their training configuration to full armament. As airplanes "recovered" they began loading heavier armament. Within four hours they had a full configuration on five airplanes. Within seventeen hours, during continual flying operations, they had fourteen out of seventeen airplanes fully configured. All this was done in coordination with NEADS.

#### CAPs:

Quenneville noted that the role of Otis ANGB was as a force provider for the NEADS mission. Otis ANGB would tell them their capability, and NEADS would make deployment decisions based on that. He noted that Otis flew airplanes 24/7 for six or seven weeks following 9/11.

Post 9/11:

Quenneville noted that, as an example of the changes in personnel, Otis ANGB was a training organization. He noted that the dining facility was only open one weekend a month. But after 9/11 it served four meals a day for months. He noted this displays the amount of recall of personnel that occurred to fulfill their orders after the attacks.

#### **Current Status:**

Quenneville noted that Otis ANGB performed combat air patrols through the end of January 2001, and those operations continued in part at Otis ANGB beyond February 2002. Most of the personnel that were placed on active duty on 9/11 were stood down by a year later.

Quenneville noted that from a public interest level it is important for the public to know that there are airplanes at alert. He also noted that they are not restricted to "looking outward", but that this threat still exists.

#### Recommendations:

Quenneville noted that to recognize an internally generated threat is important, and that by watching the country's protective system react to different threat levels he believes there is better sharing of information.

He noted that from an air defense perspective the stand-up of NorthCom has assisted in bridging the gaps between agencies to help the defense of the country.

He noted in terms of the Otis ANGB mission, the increased view to 360 degrees has not changed the need of Otis ANGB to defend the sovereignty of the United States, and that the ability to "scale up" quickly cannot be underestimated.