

FIGHTER WING

CAPE COD MASSACHUSETTS

O t i s A i r N a t i o n a l G u a r d B a s e



W E L C O M E T O O T I S

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OTIS AIR NATIONAL
GUARD BASE



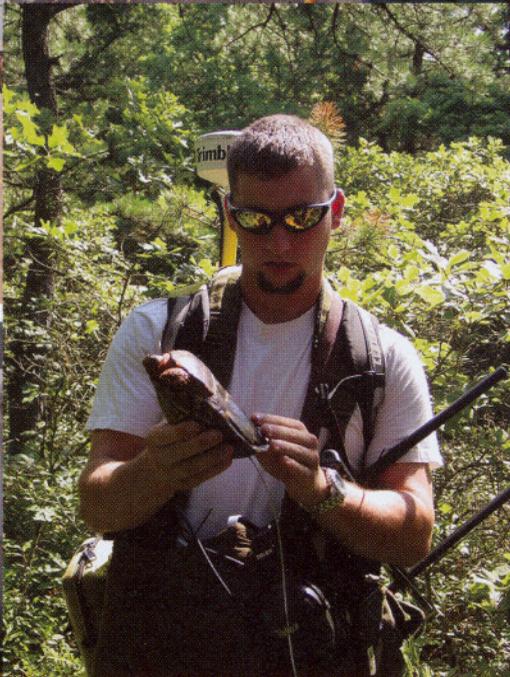
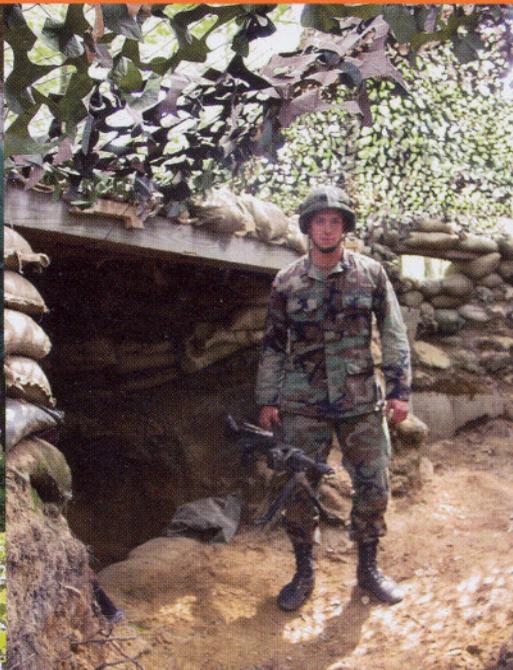
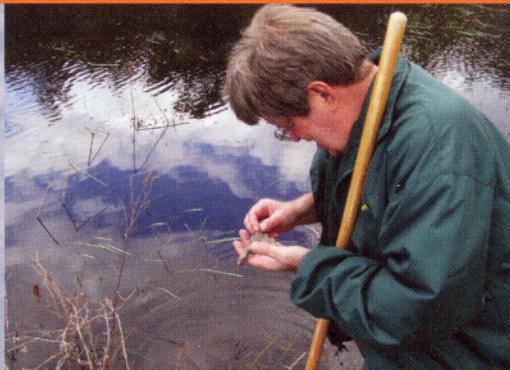
ANNUAL WATER
QUALITY REPORT

Water testing performed in 2004

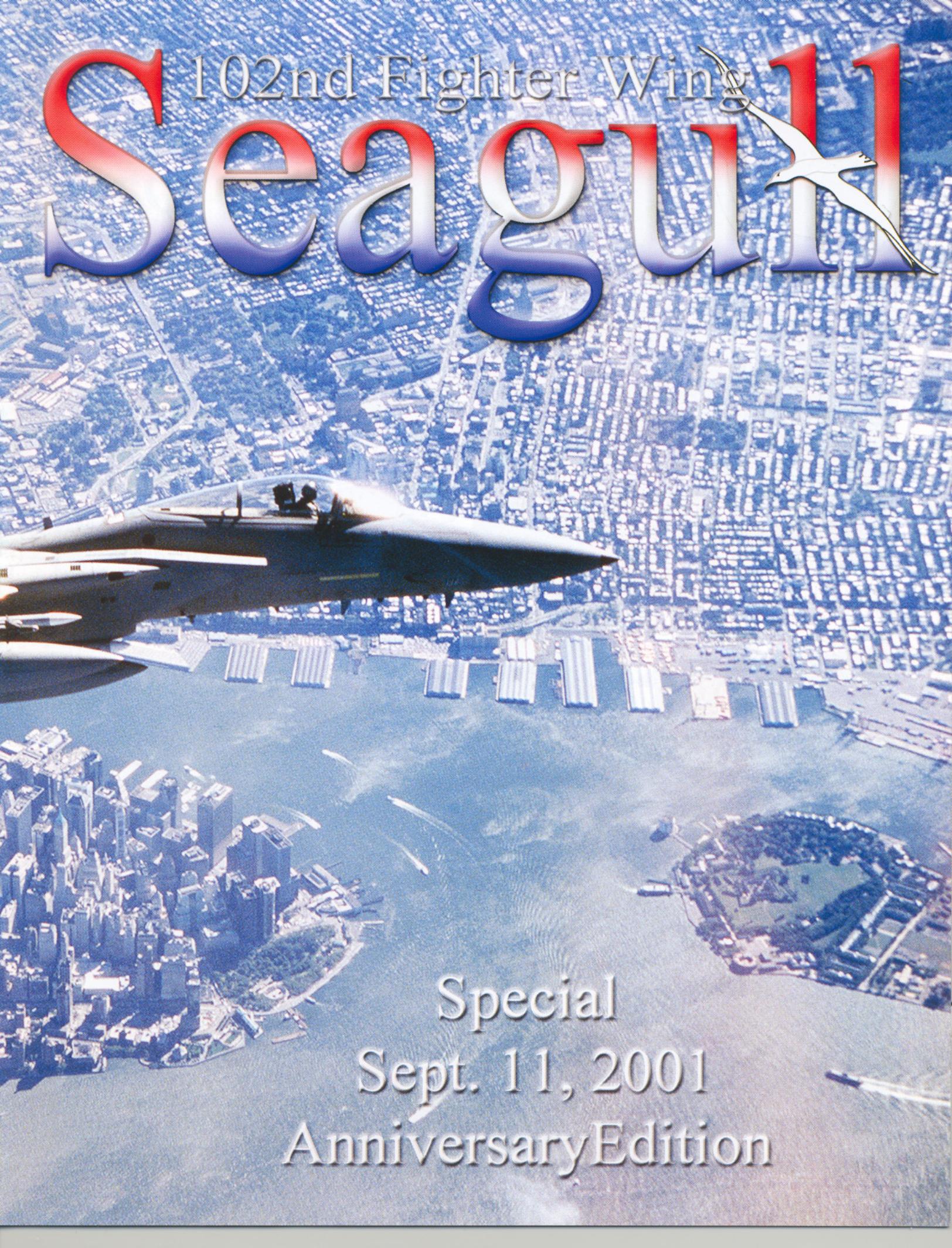
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Quick Guide

to the Massachusetts Military Reservation



Produced by the Environmental & Readiness Center
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An aerial photograph of New York City, showing the Hudson River, the World Trade Center towers, and the surrounding urban landscape. A white F-16 fighter jet is flying over the river, viewed from a low angle. The text '102nd Fighter Wing' is at the top, and 'Seagull 11' is in large, stylized letters with a seagull graphic integrated into the '11'.

102nd Fighter Wing

Seagull 11

Special
Sept. 11, 2001
Anniversary Edition

Agenda

BRAC Meeting with Otis Community Representatives

@ MMR Welcome Center

Tuesday May 31st, 8:00 (45 minutes)

1. Welcome and Introductions Col Paul Worcester
2. Welcoming Comments Governor Romney and Senator Kennedy
3. Remarks George Baker, Otis Coalition Spokesman
4. Panel Comments George Baker, Moderator (each panel 8 min.)
5. State Representatives Senator Rob O'Leary and Cape
State Legislative delegation
6. Local Selectmen Virginia Valiela and representatives
from Towns of Bourne, Sandwich
Falmouth and Mashpee
7. Environmental,
 Planning and Encroachment John Lippman,
 Deputy Director of the CC Commission
 Maggie Geist, Director, APCC
8. Military, Coast Guard
 Impacts Admiral John Linnon, USCG, Retired and/or
 Capt. Richard Buttrick, USCG Retired
9. Q and A George Baker, Moderator
 (if time permits)



Biography

Massachusetts Air National Guard

102nd Fighter Wing, Otis Air National Guard Base, Mass. 02542

COLONEL PAUL G. WORCESTER

Colonel Paul G. Worcester is the Commander of the 102nd Fighter Wing of the Massachusetts Air National Guard at Otis Air National Guard Base, Mass.

He is responsible for the activities of more than 1300 military and civilian personnel at the base who ensure the wing's ability to respond to peacetime contingencies while maintaining preparedness to accomplish its wartime mission.

Colonel Worcester and his wife, Janet, live in Plymouth, Mass. They have two children, Lindsay and Ryan.



EDUCATION:

- 1971 Associate's degree in aeronautical and space engineering technology, Wentworth Institute of Technology, Boston, Mass.
- 1973 Bachelor of science degree in mechanical engineering, Wentworth College of Technology, Boston, Mass.

ASSIGNMENTS:

1. 1977 - 1978, student, Academy of Military Science, McGhee-Tyson Air National Guard Base, Tenn.
2. 1978 - 1979, pilot training, Vance Air Force Base, Enid, Okla.
3. 1979 - 1980, F-106 Fighter Pilot Qualification, Tyndall Air Force Base, Fla.
4. 1980 - 1985, full-time F-106 alert pilot, 101st Fighter Interceptor Squadron, Otis Air National Guard Base, Mass.
5. 1986 - 1987, Airfield Manager, 102nd Fighter Interceptor Wing, Otis Air National Guard Base, Mass.
6. 1987 - 1992, Chief of Safety, 102nd Fighter Wing, Otis Air National Guard Base, Mass.
7. 1992 - 1996, Airfield Manager, 102nd Fighter Wing, Otis Air National Guard Base, Mass.



Biography

Massachusetts Air National Guard

102nd Fighter Wing, Otis Air National Guard Base, Mass. 02542

COLONEL ANTHONY E. SCHIAVI

Colonel Anthony E. Schiavi is the Vice Commander of the 102nd Fighter Wing of the Massachusetts Air National Guard at Otis Air National Guard Base, Mass. To ensure mission readiness, he assists the commander in directing the activities of approximately 1,300 military and civilian personnel. He is responsible for resource management functions, formulating plans, and establishing policy for unit administration, operations, training, tactical employment, maintenance and supply.

Colonel Schiavi is a native of Massachusetts. He entered the Air Force in 1983, and was commissioned through the Reserve Officer Training Corps. He is a command pilot and veteran of Operation Desert Storm with 56 combat missions and one confirmed aerial victory. He has logged more than 2400 hours of flight time including over 2300 hours in the F-15 and 308 combat hours. Colonel Schiavi resides in Harwich, Mass with his wife, Debe. They have four children: Holly, Andrew, Robbi and Carter.



EDUCATION:

1983 Bachelor of arts degree in mathematics, Assumption College, Worcester, Mass.

ASSIGNMENTS:

1. 1983 – 1986, Advanced Technology Program Manager, Air Force Plant Representative Office (AFPRO), The Boeing Company, Seattle, Wash.
2. 1987 - 1988, student, Undergraduate Pilot Training, Laughlin, Texas
3. 1988 – 1990, F-15 pilot, 58 Tactical Fighter Squadron, Eglin Air Force Base, Fla.
4. 1990 – 1991, F-15 pilot, 33 Tactical Fighter Wing Provisional, Tabuk Air Base, Saudi Arabia
5. 1992 – 1993, Operation Total Force F-15 instructor pilot, 102nd Fighter Wing, Otis Air National Guard Base, Mass.
6. 1993 – 1994, Chief of Training, 102nd Fighter Wing, Otis Air National Guard Base, Mass.
7. 1995 – 1996, Chief of Weapons and Tactics, and Assistant Air Operations Officer, 102nd Fighter Wing, Otis Air National Guard Base, Mass.
8. 1997 – 2002, Operations Group Commander, 102nd Fighter Wing, Otis Air National Guard Base, Mass.



Biography

Massachusetts Air National Guard
102nd Fighter Wing, Otis Air National Guard Base, Mass. 02542

COLONEL RICHARD R. DUPUIS

Colonel Richard R. Dupuis is the Commander of the Maintenance Group, 102nd Fighter Wing located at Otis Air National Guard Base, Mass.

The colonel directs the activities of more than 400 military and civilian personnel who are responsible for the logistics functions of aircraft maintenance and generation, logistics support, weapons management and maintenance. He is also responsible for the base's Precision Type II C Measurement Equipment Laboratory. He has overall responsibility for the Quality Assurance program of all maintenance activities, and is the single point of contact for the quality of the aircraft.

Colonel Dupuis and his wife, Tammy, reside in Acushnet. They have one son, Justin, an F-16 pilot for the Air Force.



EDUCATION:

- 1985 Associate's degree in business management, Quincy Junior College
- 1990 Bachelor's degree in business management, Anna Maria College

ASSIGNMENTS:

1. August 1972 - September 1986, enlisted experience, avionics and aircraft maintenance
2. September 1986 - December 1992, Avionics Officer in Charge, 102nd Fighter Wing, Otis Air National Guard Base, Mass.
3. December 1992 - August 1996, Aircraft Generation Squadron Commander, 102nd Fighter Wing, Otis Air National Guard Base, Mass.
4. August 1996 - July 2000, Maintenance Squadron Commander, 102nd Fighter Wing, Otis Air National Guard Base, Mass.
5. July 2000 - May 2001, Logistics Group Commander, 102nd Fighter Wing, Otis Air National Guard Base, Mass.



Biography

Massachusetts Air National Guard
102nd Fighter Wing, Otis Air National Guard Base, Mass. 02542

COLONEL MARK F. ELLIS

Colonel Mark F. Ellis is the Commander of the Mission Support Group, 102nd Fighter Wing, Massachusetts Air National Guard located at Otis Air National Guard Base, Mass.

As the Mission Support Group Commander, Colonel Ellis is directly responsible for all support functions within the fighter wing. Colonel Ellis oversees the activities of more than 400 military and 150 civilian personnel at the base who are assigned to the Civil Engineering Squadron, Logistics Readiness Squadron, Security Forces Squadron, Communications Flight, Mission Support Flight, Services Flight and Contracting services. The Mission Support Group also provides host services to over twenty tenant organizations on the 22,000-acre military reservation that include bio-environmental management functions, highway and grounds maintenance, fire protection, security, communications, electrical power distribution, sewage disposal, solid waste transfer and recycling.



Colonel Ellis is a native of Sandwich, Massachusetts. He entered the Massachusetts Air National Guard in August of 1972 and was commissioned through the Air National Guard commissioning program at McGhee-Tyson ANGB TN. Colonel Ellis resides in Sandwich.

EDUCATION:

- 1971 Bachelor of arts degree in psychology, Ohio University, Athens, OH
- 1978 Squadron Officer School
- 1980 Aircraft Maintenance Officers School, Chanute AFB, IL
- 1982 Air Command and Staff College
- 1985 ANG Aircraft Mishap Prevention Course
- 1997 Advanced Logistics Officers Course, Lackland AFB, TX
- 2001 Air War College

ASSIGNMENTS:

1. 1973, student, Academy of Military Science, McGhee-Tyson Air National Guard Base, Knoxville, TN
2. 1973 - 1974, pilot training, Laughlin AFB, Del Rio, TX
3. 1974 - 1975, F-106 Combat Crew Training, Tyndall AFB, FL



Biography

Massachusetts Air National Guard

102nd Fighter Wing, Otis Air National Guard Base, Mass. 02542

COLONEL TIMOTHY M. LYNCH

Colonel Timothy M. Lynch is the Commander of the 102nd Operations Group of the Massachusetts Air National Guard at Otis Air National Guard Base, Mass.

He is responsible for the training of combat ready pilots in support of the 102d Fighter Wing's peacetime alert and wartime mission.

Colonel Lynch and his wife, Debbie, live in Mashpee, Massachusetts. They have two children, Jeffrey and Jackie.

EDUCATION:

1979 Bachelor of science degree in chemistry, University of Utah

1987 Masters of science degree in aviation science, Embry Riddle Aeronautical University

ASSIGNMENTS:

1. 1982, Officer Training School, Lackland Air Force Base, TX
2. 1982-1983, Euro-NATO Joint Jet Pilot Training, Sheppard Air Force Base, TX
3. 1984, F-15 Fighter Pilot Qualification Training, Luke Air Force Base, AZ.
4. 1984-1987, F-15 Fighter Pilot, Bitburg Air Base, Germany
5. 1987-1990, F-15 Instructor Pilot/Flight Commander, Tyndall Air Force Base, FL
6. 1990, F-15 Fighter Weapons Instructor Course, Nellis Air Force Base, NV.
7. 1991-1994, F-15 Instructor Pilot/Flight Commander/ADO, Elmendorf Air Force Base, AK
8. 1994 – 1995, Air Command and Staff College, Maxwell Air Force Base, AL
9. 1995-1998, DOTW Staff Officer, Air Combat Command, Langley Air Force Base, VA
10. 1998-2000, Chief Weapons and Tactics/Chief Stan Eval/Flight Commander, Otis Air National Guard Base, MA
11. 2000-2001, Commander of Operations Support Flight, Otis Air National Guard Base, MA



**F-22 FORWARD OPERATING LOCATION (FOL)
AT THE 102 FW OTIS ANGB MA**

- A further benefit that Otis ANGB could offer to the Total Force would be as an on going, deployed training location for the F/A-22.
- Current training utilization of the over water airspaces east of Langley AFB is excessive and with the much greater training space requirements of the F/A-22 the airspace east of Langley may soon be too limited to accommodate all of its current customers.
- The primary air-to-air training airspace for Otis ANGB, W105, is a supersonic, over water airspace located approximately 40NM to the south of Cape Cod with over 10,000 square miles of unparalleled training opportunities.
- Under this proposal six to eight F/A-22s from Langley AFB would deploy to Otis each Monday.
 - To maximize training the F/A-22s would “fight their way in.”
 - The aircraft would remain through Friday and “fight their way out.”
 - Throughout the remainder of the week a 6-turn-4 or 4-turn-4 training plan could be conducted.
- The F/A-22s training missions would be coordinated by a cadre of permanently assigned F/A-22 operations personnel.
 - Permanent party F/A-22 maintenance personnel would service the TDY aircraft and provide minor fix capability.
 - Major repair and periodic maintenance would be done at home station.
 - Otis ANGB is not a shared military-civilian field, the security concerns surrounding the F/A-22 would be allayed.
 - The availability of on-base quarters for TDY personnel would keep the costs of operating this FOL reasonable.
- Dissimilar Air Combat Training, between the F-15C and FA-22 would accomplish mutually beneficial to training requirements for both organizations with large force training requirements being fulfilled through coordination with the numerous fighter units in the vicinity and provide opportunities for F/A-22s and F-15Cs to train together.
- While this proposal would be a suitable addendum to the establishment of an integrated, multi-role F-15C unit at the 102d Fighter Wing, it is a proposal that could be implemented at Otis ANGB as soon as the need arises.

Updated Congressional Briefing – Original Given 19 JAN 2005

A. Historical Facts

- Born in 1921 – officially – 101 Obs Sqdn at what would become Logan IAP
 - One of the oldest in the Air Force / 5th oldest in ANG units
 - Dedicated to Homeland Security/Defense ever since
- Moved to Otis AFB in 1969 w/subsequent transition to F-106 in ADC in 1971
- Sole ASA -dedicated (Air Sovereignty Alert) unit in Northeastern USA since that time (“33 plus years without a day off”)

B. Otis AFB Becomes Otis ANGB

- ANG responsibility for this active duty base took place in the mid 1970's
- Shortly after the 102 Fighter Wing become the operator/manager of the base
- New “unconventional” Air Guard duties include providing the following:
 - All utilities – water, wastewater, electrical, plus
 - All Airfield responsibilities – maintenance, snow removal, NAVAIDS, ATC
 - Regional Munitions storage
 - Base security / Fire rescue and response – vast mutual aid network
 - Environmental clean up and compliance
- The only surviving 24/7 active duty-style Air Force installation left in NE USA
- Serves as sole Air Defense base for NE USA
- Serves frequently as overseas deployment/redeployment divert base
- Serves as only fixed wing installation for USCG air/sea rescue unit north of NC
- Serves as home to Army National Guard aviation unit
- Serves as prime Space Shuttle launch emergency recovery base

C. Mission - Transition to “Away Game” Orientation

- Total Force effort in support of worldwide events began in early 1990's
- 102 FW deployments cover the globe – Panama to the Middle East
- Equal partners/players with active duty counterparts with nearly equal equipment
- Highly touted actions everywhere we go – world-class operations

D. Mission - Post-911 “Home Game” for Aviation Tasks

- Reorientation to “Home Game” looking inward in addition to outward
- Setting new records for mishap-free ASA combat air patrols
 - 1525 sorties
 - 4984 hours logged in CAP or ONE response
- National Security Assets in the NE/Otis AOR
 - 4 of the 15 NSC “Areas of Concern” in Otis AOR
 - 3 of 17 NSC designated Major Metropolitan Areas
 - 21 of 77 Nuclear Power Plants and NRC sites in the Otis AOR

(Nuclear power plants/Boston/NYC/Port facilities/Energy reserves
Sports Stadiums/Atomic Laboratories/Ship yards/Military installations)

E. Mission - Post-911 “Home Game” for Non-Aviation Tasks

- On-going Support for State Mission – traditional natural disaster response, etc
- Emerging Homeland Security Response forces - tied to state and FEMA regions

F. Mission - Continued Play in "Away Game"

- Aviation package support of worldwide F-15 missions
- Non-aviation support (we call it ECS) in all theaters – Iraq, Qatar, etc

G. The Mission Future

- F-15 Upgrades
 - AAI / IFF - funded
 - Engines – F-16 flow down expected
 - AESA
 - F-15C Conversion – October 2005 -
- F-15 Mission – ASA vs. worldwide deployable
 - ANG – VANGUARD Proposal – point paper
 - F-22's to the Guard?

H. The Base Future

- BRAC
- ANG – VANGUARD Proposal – meeting USAF reductions in assigned aircraft
- Environmental Restoration – 40-50 year program
- Selling Points for long-term support
 - Environmental clean-up commitment
 - Geographical location for NE USA defense – NORAD/CC requirements
 - First landfall from overseas – basing logical / timely
 - We cover major political, industrial, financial centers
 - Joint installation for air and sea emergency response
 - Fits developing NORAD maritime mission – sea-lane security
 - Possible basing of high altitude airship – attack detection
 - Airspace support
 - Large supersonic airspace available within minutes
 - Supports F-15 AND F-22 training scenarios
 - Security
 - "Owned" by USAF / ANG – controllable development
 - Appropriate security buffers in-place
 - Space
 - Fully supports development of any kind
 - 1100 acres owned in fee by USAF – no lease required
 - Lease extension recently signed – good until 2051
 - Facilities
 - New Fire Station funded – groundbreaking APR 05
 - New Air Traffic Control tower – approved MILCON FY-06
 - New "Mission" facilities to follow – Ops & Train building under design
 - MMR sustainment relies on 102 FW – water/wastewater/electric/comm./etc

POINT PAPER

ON

INTEGRATED F-15C UNIT AT 102 FW, OTIS ANGB MA

- The 102 FW provides sustainable and dominant air power simultaneously for NORAD's Air Sovereignty/Air Defense mission and Air Combat Command contingency/AEF operations.

-- Offering highly experienced personnel and working in a joint base environment, the 102 FW is uniquely suited to support an integrated ANG/AD unit with increased numbers of personnel and aircraft to meet current and future Combatant Commander's joint war-fighting needs.

-- A 24 PAA integrated unit of AESA radar modified F-15C aircraft will enable the 102FW to provide enhanced protection of the U.S. as well as full spectrum power projection during contingency operations

--- Additional personnel requirements outlined below are a commander's estimate; a SATAF would be needed to determine actual numbers.

<u>PAA</u>	<u>OFFICER</u>	<u>ENLISTED</u>
Current (15)	102	897
24	+25	+325

- Excellent capability to support increased numbers of active duty personnel

- Base housing, elementary school, day care facility, medical clinic, BX and commissary, gas station/shopette, movie theatre, bowling alley, auto hobby shop and post office all located on the MMR
- AD facilities located at Hanscom AFB and Newport Naval Base are within easy driving distance
- Abundant real estate exists for additional on-base facilities should they be required
- Many educational opportunities exist at some of the finest institutions in the country

- Outstanding support for joint military operations at the Massachusetts Military Reservation (MMR) from federal, state and local officials as well as strong community support.

-- MA Governor Mitt Romney signed a 25 year MMR lease extension in 2003; letters of support received from all four towns surrounding the MMR

- MMR is a premier Joint Military Installation comprising over 20,000 acres

-- Home of the AF's 6th Space Warning Squadron, ARNG Camp Edwards, and USCG Air Station Cape Cod and Otis ANGB.

-- \$1M feasibility study for a Regional Center for Homeland Defense on the MMR was completed in March 2004 and has widespread political, military and civilian support.

-- U.S. Army evaluating the Otis/Camp Edwards complex as a regional ARNG mobilization site

- Otis ANGB is on the southern 5,000 acres and is one of only two bases where ANG is the BOS host

-- Located and configured to provide outstanding joint/combined forces training with airspace and base support strengths to match

--- Military only mission focus guarantees priority to military training and operational missions.

--- Primary A/A training airspace located 40nm to the south comprising over 10,000 square miles

--- Numerous DACT adversaries in the vicinity to support the mainstay of F-15C A/A training

--- Easily reachable A/G ranges located in several neighboring states when needed

-- 2,000+ acre 102 FW boasts more than adequate space for infrastructure consolidation and future expansion capability to support increased numbers of personnel, aircraft and weapons.

--- Otis ANGB operates an extensive regional munitions storage facility capable of storing both A/A and A/G munitions; facility recently approved for improvements by ANG/CE; room for expansion

--- One of the largest parking ramps in the ANG; prime for hosting multi-unit large force exercises; proximity to tanker/airlift units make Otis suitable as a primary point of embarkation for deployments

-- Continuous improvement of base infrastructure a prime goal of wing leadership

--- The Otis 2000 base renovation plan provides a 20-year phased program to renew and construct base facilities, resulting in modern facilities to meet mission needs and that are less costly to maintain

- 102 FW is **READY**

-- With over 60,000 hours of F-15 pilot experience and over 82% of frontline maintenance personnel at 5-level or higher, accepting increased PAA with a proportional number of AD personnel provides a fertile training ground and increased mission capability/flexibility

--- Highly experience maintainers; CEM – 2%, 9-Lvl – 5%, 7-Lvl – 68%, 5-Lvl – 14%, 3 Lvl- 11%

--- Combat tested and experienced flight crews; 1,800+ hrs average F-15 time; 75% combat experience; 86% 4-ship employment qualified; 64% IP and 71% MC qualified; 93% NVG qualified

- 102 FW is **RELIABLE**

-- 102 FW is rooted in the great tradition of the citizen airman – over 30 years experience in Air Defense

-- 102 FW has embraced the expeditionary mindset supporting ONW, OSW, Iceland and ONE

-- Over 70,000 hours of mishap free flying in both training and combat

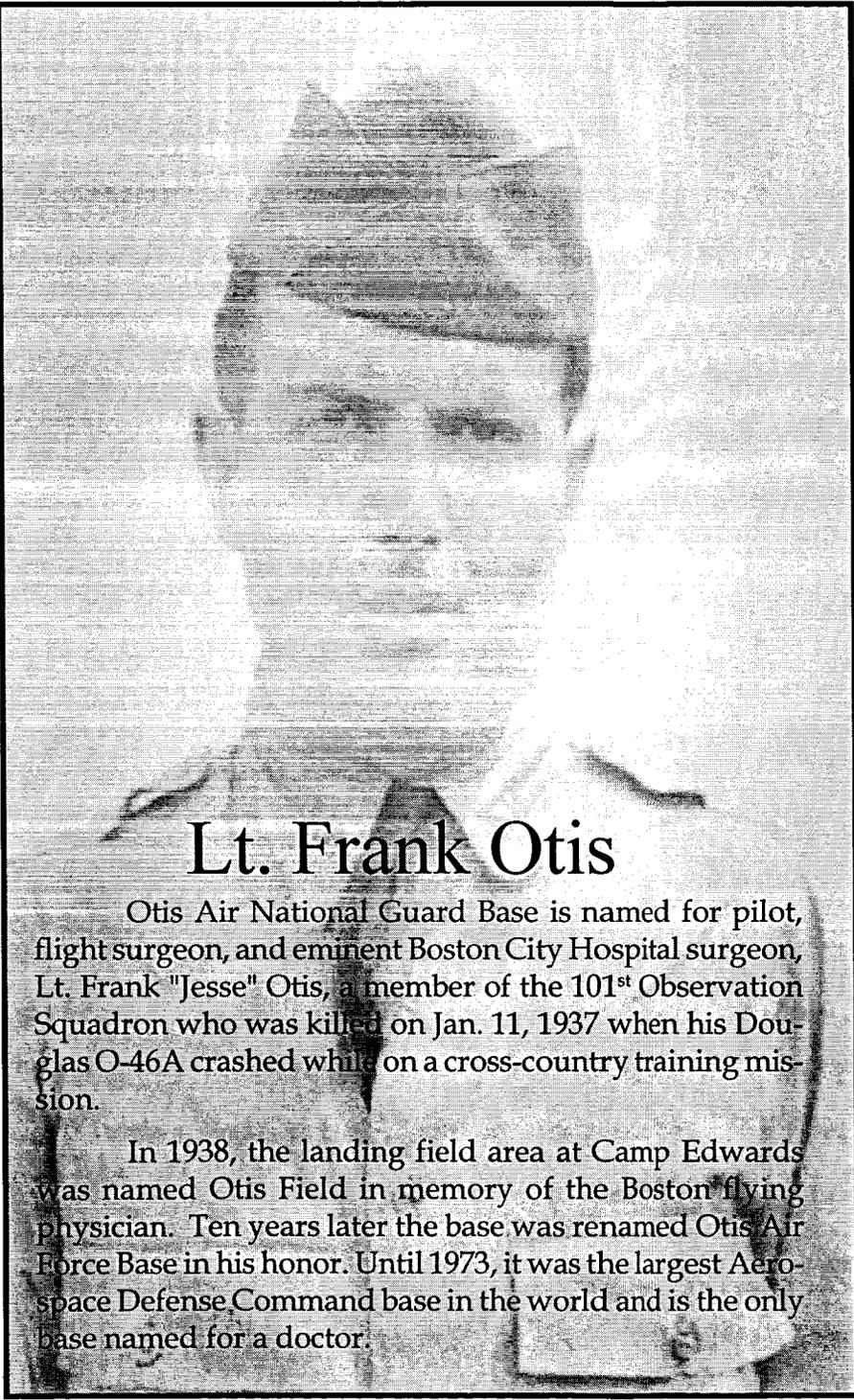
-- Future contingency participation will be in accordance with applicable laws and ANG guidance

- 102 FW is **RELEVANT**

-- By leveraging its base/mission support strengths to achieve efficiencies through increased PAA and an integrated AD/ANG unit structure will ensure the 102 FW and Otis ANGB remain perfectly located and equipped to protect the nation's centers of government, finance and other key infrastructure from attack along the most likely threat axis.

-- Power projection capabilities afforded by the increase in PAA and additional full-time manning will provide future warfighting commanders the most capable “non-stealth” A/A capability as a bridge between Global Strike and Persistent Force assets.

-- This robust, efficiently organized, and exceptionally professional fighter wing will provide combatant commanders with outstanding combat capability whether deployed in whole or in part to augment critically needed experience in all combat and combat support specialties

A black and white portrait of Lt. Frank Otis, a man with short hair, wearing a light-colored collared shirt and a dark tie. The image has a halftone or dithered texture.

Lt. Frank Otis

Otis Air National Guard Base is named for pilot, flight surgeon, and eminent Boston City Hospital surgeon, Lt. Frank "Jesse" Otis, a member of the 101st Observation Squadron who was killed on Jan. 11, 1937 when his Douglas O-46A crashed while on a cross-country training mission.

In 1938, the landing field area at Camp Edwards was named Otis Field in memory of the Boston flying physician. Ten years later the base was renamed Otis Air Force Base in his honor. Until 1973, it was the largest Aerospace Defense Command base in the world and is the only base named for a doctor.

A black and white photograph of an airman in a flight suit and helmet standing on a tarmac, looking towards a fighter jet. The jet's canopy is open. The background shows a clear sky and some airport buildings.

Otis Air National Guard Base
Home of the
102nd Fighter Wing

Welcome



Colonel Paul G. Worcester
Commander, 102nd Fighter Wing



F-15 "Eagles" Fly the Skies of Cape Cod

Dear Visitor:

Welcome to Otis Air National Guard Base, home of the 102nd Fighter Wing, Massachusetts Air National Guard. This guide is intended to provide you with a look at our history and some interesting facts about our unit.

This is not just a great fighter wing; it's more, an outstanding organization in every way. Everything our men and women do is exceptional, they prove it time and time again throughout our nation and around the world. And, when they finish their military missions they go home and participate within their civilian community. I am honored to command the best team of champions I know.

This wing is and will be going places and doing things previously unheard of for an Air National Guard unit. We routinely have members all around the globe doing our nations security work in addition to that which we are doing right here at Otis to ensure

PRIMARY FUNCTION: Air Superiority Fighter.

PRIMARY CONTRACTOR: The Boeing Company.

PROPULSION MANUFACTURER: Two Pratt & Whitney F-100-PW-100 turbofan engines with afterburners.

THRUST: 25,000 lbs. each engine

DIMENSIONS: Wingspan 42 ft., 9 3/4 in.; length 63 ft., 9 in.; height 18 ft., 7 1/2 in.

COMBAT CEILING: 65,000 feet.

RANGE: 1500 miles ferry range with three external fuel tanks. The F-15 is capable of aerial refueling.

ARMAMENT: One M-61A1 20 mm multibarrel Gatling gun mounted internally with 940 rounds of ammunition; eight missiles in various combinations of AIM-120, AMRAAMs, AIM-7M Sparrows, and AIM-9 L/M Sidewinders.

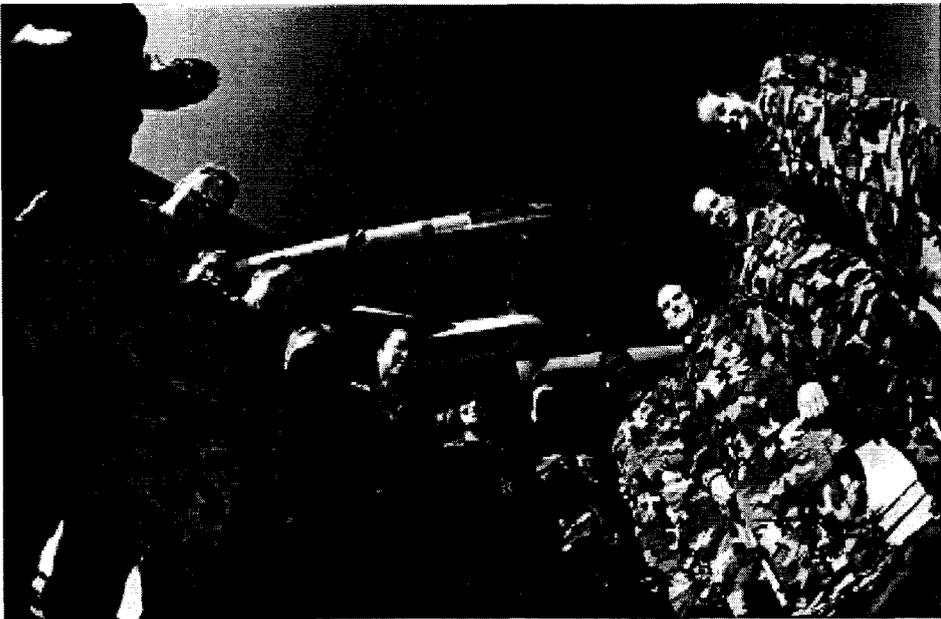
CREW: F-15A, one / F-15B, two

WEIGHT: Max fuel + ordnance - 56,000 lbs / empty - 28,000lbs

The Guard Today

More than 500,000 Americans serve in the National Guard. Guard units are located in approximately 3,200 communities in the 50 states, District of Columbia, Puerto Rico, the Virgin Islands, and Guam. The purpose of each reserve component is to provide trained units and qualified persons available for active duty in the armed forces in time of war or national emergency and at such times as national security requires.

Although sometimes overlooked, the states have a major stake in their National Guard units. That importance is based on the fact that the Guard, unless called up for active federal duty, is under the command of the governors. The Guard is the only military force immediately available to a governor in times of civil unrest and natural or human disasters. One Defense Department informal estimate is that 280,000 National Guard positions are needed as the minimum essential force to meet routine and major state disaster-relief requirements.



"We are your neighbors on Cape Cod"

the security of our homeland defense. We are confronted by an uncertain world; however, we are prepared to meet the challenge.

The 102nd Fighter Wing isn't just universally recognized for its performance, it is setting the standard by which others will be measured. At the same time we are honored to learn through you and others, all in the name of continuous improvement.

It is also important to mention that we are members of an extended family at Otis. People don't often succeed without the help of other people who are interested in them and their futures. Otis is an excellent place for a young person seeking the type of tutoring and personal mentoring it takes to become successful. If the greatness of individuals is measured by the quality of those who surround them, we are all winners in the "Team Otis" family. Your interest in our organization is an honor for all of us; please give consideration to becoming one of us.

It's important that you, our visitors to the wing feel connected to us, as we are to you. Our people are proud to demonstrate our commitments to you and your community; we need your support, and we will continue to prove that we are worthy of it.

Guardsmen and their families live in many communities nearby the base, we are your neighbors. We make positive contributions to Cape Cod life. We are proud to live and work here, we take pride in everything we do.

While visiting Otis, please share in the Otis experience by asking questions about our mission, our importance to national defense, our impact on the local economy, and equally important, our commitment to environmental security.

We hope that your visit to Otis is interesting and informative. We are fortunate to be surrounded by many beautiful beaches and scenic areas; please enjoy the hospitality of the adjoining communities.

Sincerely,



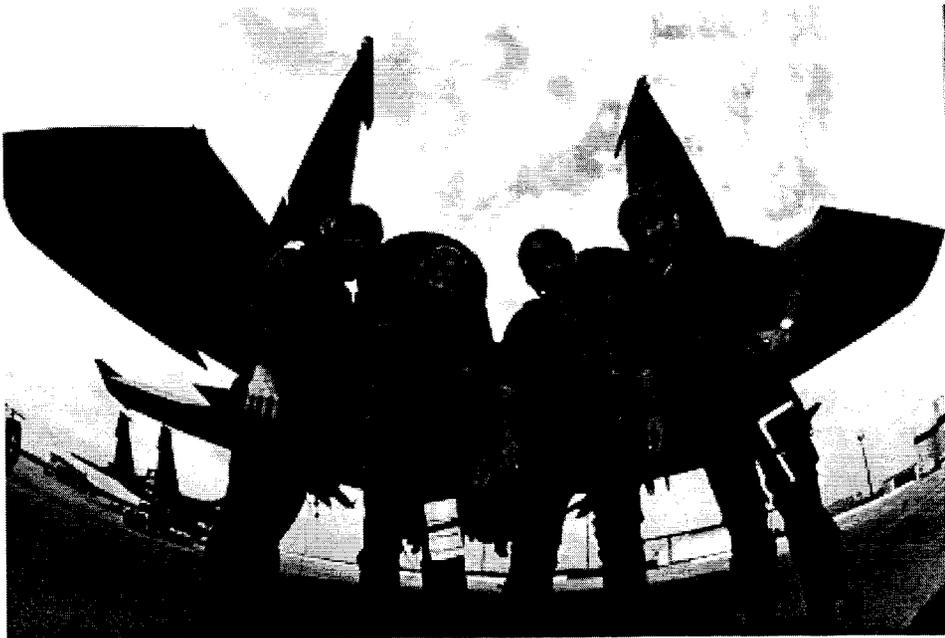
Otis Air National Guard Base

It was in 1933 that the first landing strip was laid down by the Federal Emergency Relief Administration for use by the Massachusetts National Guard.

In 1936 the Works Progress Administration - the famed WPA - improved the original earth landing strip to the extent of laying out two turf runways for use by lightweight training planes. The site remained National Guard property until 1940, when the U.S. Army leased the state-owned land and began construction of the vast barrack-city of Camp Edwards. At the height of World War II, up to 90,000 Europe-bound soldiers were housed at Camp Edwards, and their presence made a profound impression upon the life and habits of surrounding communities.

Otis Air Force Base, adjacent to Camp Edwards, really came into its own with the laying down of the first concrete runways in the fall of 1942. The base was named for Lieutenant Frank Jesse Otis, a pilot/flight surgeon and member of the Massachusetts National Guard, who was killed in an airplane crash in 1937.

Both Camp Edwards and Otis Air Force Base were deactivated following the war. In 1948 Otis was again opened as the cold war with the Soviet Union grew in intensity and our air defense system was enlarged. For the first time since the war of 1812, Cape Cod became host

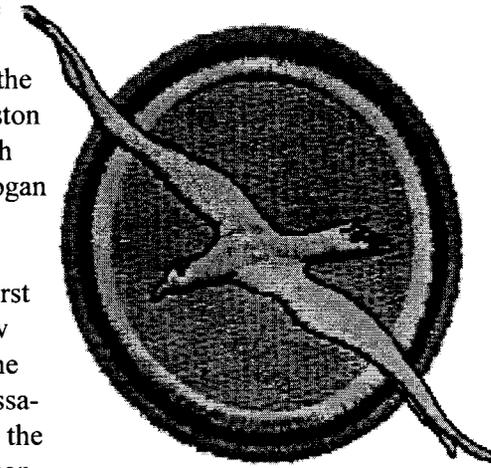


Squadron Patch has a Long Tradition

The 101st Fighter Squadron is subordinate to and located with the Headquarters, 102nd Fighter Wing of the Massachusetts Air National Guard at Otis Air National Guard Base. Its lineage traces back to the spring of 1921 when it was one of the first aero units to be attached to the National Guard.

The famed seagull insignia was designed by the distinguished Paul F. Seavey, artist in residence at the renowned Swain School in New Bedford, and was approved for use on Nov. 19, 1924. It is the oldest patch still in use in the U.S. Air Force.

The inner circle of blue originally represented the water of Boston Harbor which surrounds Logan International Airport, the squadron's first home. It now represents the skies of Massachusetts and the Atlantic Ocean which surrounds Cape Cod.



The patch is encircled by a gold ring, traditionally the symbol of unity, strength and golden opportunities for development. The golden ring literally and symbolically adds color to the insignia and good fortune to the squadron.

Superimposed on the circular insignia is a white seagull, native to New England skies and known for its sturdy build and keen vision. Originally, the seagull symbolically represented the squadron's reconnaissance ability to act as the watchful eye for military ground forces, observing and photographing related activities. Given the added dimension of air defense, like the fighter squadron, the seagull moves from optimum altitudes, surveys its target and attacks with great accuracy. Able to endure New England's unpredictable weather, the seagull is steadfast in purpose and courageously persevering in combat.

Wing Patch Mirrors Mission

A pair of crossed muskets appears at the top of the shield with the year 1775 inscribed. This logo portrays both the weapon of the Minuteman and the year this militia was first called to defend the territory now covered by the wing.

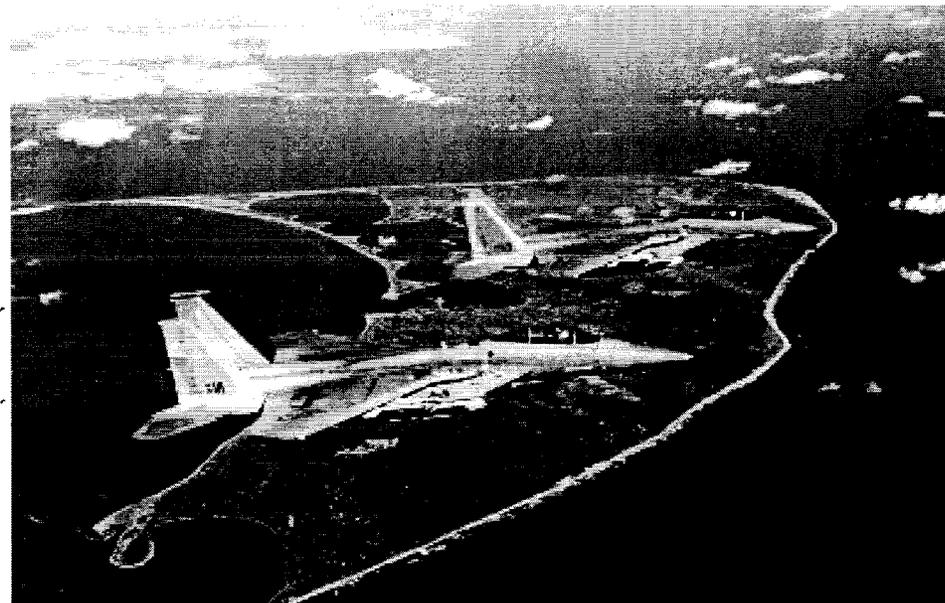
Several planes appear on the shield, representing the wing's mission of interception and air defense.

The focal point of the emblem is a much larger plane pointed in the direction of the northeast portion of the Western Hemisphere where the wing flies its third mission - attack.

Hemming the bottom of the shield is the Latin motto exemplifying the vigor with which the 102nd pursues its missions:

"OMNIS VIR TIGRIS
Everyone a Tiger."

The entire shield is outlined in dark red, a color traditionally used to symbolize courage and the fortitude to face opposition unflinchingly.



to a military establishment intended to repel enemy attack. Until 1973, Otis was the largest Aerospace Defense Command base in the world and the only Air Force base named for a doctor.

Otis Air Force Base was deactivated in 1973 in as much as only the Air Force units departed. The 102nd Fighter Wing of the Massachusetts Air National Guard assumed the 24-hour, 365 days-a-year alert air defense commitment. The Coast Guard also made a commitment to remain at Otis, and the Massachusetts Army National Guard assumed the responsibilities for the Camp Edwards area of Otis.

Massachusetts Military Reservation

In 1977, Otis AFB was officially redistributed with the establishment of boundary lines which divided the complex into several installations, all within the confines of the original base. Established was Otis Air National Guard Base, Camp Edwards, and the U.S. Coast Guard Air Station Cape Cod. Together they form the Massachusetts Military Reservation.

In 1978, the Air Force returned with the construction of the Precision Acquisition Vehicle Entry Phased Array Warning System (PAVE PAWS) near the Cape Cod Canal. PAVE PAWS is designed to detect airborne ballistic missiles and monitor space orbiting satellites.



Mission

We are the 102nd Fighter Wing, headquartered at Otis Air National Guard Base on Cape Cod. The wing is equipped with the F-15 Eagle, America's premier air sovereignty fighter aircraft. Our aircraft and their crews are on continuous 24-hour, 365-day alert to guard our skies. Specifically, our mission is to protect the Northeast United States from:

- Armed attack from another nation,
- terrorist attack, and
- activities such as smuggling, illicit drug activity, and illegal immigration.

The wing is also an integral part of an expeditionary aerospace force and immediately deployable to support U.S. Air Force requirements anywhere in the world. As such, we must continually train to be prepared for any assigned mission.

The F-15 Eagle is powered by two turbofan engines, has a range of 1,500 miles, and can fly as high as 65,000 feet at more than two times the speed of sound. It is 63 feet, 9 inches long, with a wingspan of 42 feet, 9 inches. The Eagle is capable of aerial refueling and can be configured with three external fuel tanks, one under the fuselage and/or one under each wing. Our F-15s are painted in a gray camouflage scheme.

The F-15 is an air superiority tactical fighter aircraft. The phrase "air superiority" is key since it indicates our mission of air defense. These aircraft do not drop bombs or fire missiles at ground targets. The F-15 A & B are specifically designed to engage in air-to-air combat with enemy aircraft.

Our location on Cape Cod is ideal because of its strategic coastal location in the northeast sector of the United States. Otis ANG Base is the only active air defense base on the East Coast between our Canadian border and the Washington, D.C. area. During the Cold War the Northeast Sector was defended by hundreds of aircraft on alert at several New England area bases. Prior to September 11, 2001, only two Otis-based jets remained on alert at any given time. Today, the 102nd Fighter Wing plays a

Mach 2, F-106 Delta Darts arrived on the 102nd's parking ramp. On June 10, 1972, the unit officially became the 102nd Air Defense Wing. Upon completion of transition, the wing commenced an air defense alert commitment on a 24-hour, 365-days-a-year basis.

On April 25, 1975, 102nd pilots were scrambled to intercept two Soviet TU 95 BEAR D aircraft, 240 nautical miles off the Long Island coastline. Intercepts since that time have included everything from aircraft off course, additional intercepts of Soviet BEAR D aircraft, and aircraft carrying illegal cargo.

The 102nd's conversion to the F-15 marked the first Air National Guard air defense unit to receive the Eagle. The 102nd Fighter Interceptor Wing was redesignated the 102nd Fighter Wing in April 1992.

Examples of the wing's ability to function worldwide include a 1992 deployment of eight pilots, five F-15 Eagles, and 48 maintenance and security personnel, who deployed for five days to Canadian Forces Base, Goose Bay, Labrador, Canada. Another is the humanitarian deployment of 50 personnel from the 102nd Civil Engineering Squadron under field conditions, to the island of Eleuthera in the Bahamas in July 1993 to rebuild school buildings and municipal facilities damaged by Hurricane Andrew in 1992.

More recently, in the years 1991 through 1995 the wing deployed to Panama as part of "Coronet Nighthawk," a drug interdiction operation. From 1995-1998 the wing deployed to Iceland for 45 days of air defense duty. During 1998 Otis Guardmembers both trained for and performed real-world contingency assignments in Iceland, Canada, Korea, and Europe. In 1999 the wing participated in Operation Northern Watch when it deployed with its F-15 Eagle aircraft to Turkey to patrol and enforce the no-fly zone north of the 36th parallel in northern Iraq. The wing again deployed more than 350 personnel to the Middle East and Europe in 2000 to participate in Operation Southern Watch.

On Sept. 11 2001 the wing sprang into action just minutes after the terrorists attacks on the World Trade Center in New York City. More than 600 wing members were mobilized for OPERATION Noble Eagle. The wing began flying around-the-clock combat air patrols missions immediately thereafter, and continued doing so until February 2002. Overall during 2001, wing aircraft flew 2,388 sorties compiling more than 3,750 flying hours.

A History of the 102nd Fighter Wing

The 102nd Fighter Wing was born in the spring of 1921 as the 101st Observation Squadron, Massachusetts National Guard. By November of that year, the squadron was federally recognized.

The squadron secured its own training site on the landfilled tidal flats at Jeffries Point, East Boston. This humble field, with its two cinder runways, would later be known as Logan International Airport.

In 1940, the 101st was inducted into federal service and was then moved from Logan Airport to Otis Field at Camp Edwards, Mass. During World War II the unit served under the Ninth Air Force as a reconnaissance unit. After serving in France, the squadron returned to the states in 1945 and was reactivated as a National Guard unit on July 29, 1946.

In 1950, the 102nd was recalled to active duty and assigned to the Air Defense Command. Remaining at home station, the Logan International Airport-based ANG unit stood runway alert throughout the Korean conflict.

When the Berlin wall was built in 1961, the 102nd Tactical Fighter Wing was alerted and by Nov. 1st, 26 of the wing's F-86H aircraft were on the ramp at Phalsbourg Air Base, France. The wing provided close air support to NATO's U.S. Seventh Army.

By August 1962, the wing was released from active duty and returned to Air National Guard control. In August of 1968, the 102nd left its Boston home of over 45 years and became a tenant unit at Otis Air Force Base.

The return to Otis for the 102nd was fitting indeed. The 101st Observation Squadron, forerunner of the 102^d Fighter Interceptor Wing, was the original occupant of the Otis Field and was instrumental in its construction on the Camp Edwards property. The original intent of Otis Field was for utilization by National Guard aircraft.

The wing flew the F-84F Thunderstreak until June 1971, when a squadron of F-100D Supersabres was transferred directly from the conflict in Vietnam. After making the transition to the "Hun," a shift in Department of Defense military planning brought still more change to the 102nd and its mission.

lead role in "Homeland Defense;" fighter jets from the wing were the first to respond to the terrorists attacks on New York City. Our aircraft continue to perform Combat Air Patrols over the East Coast.

The 102nd Fighter Wing's area of responsibility includes over 500,000 square miles, 90 million people, and the major industrial centers of Boston, New York, Philadelphia, Detroit, and all national command centers in Washington, D.C.

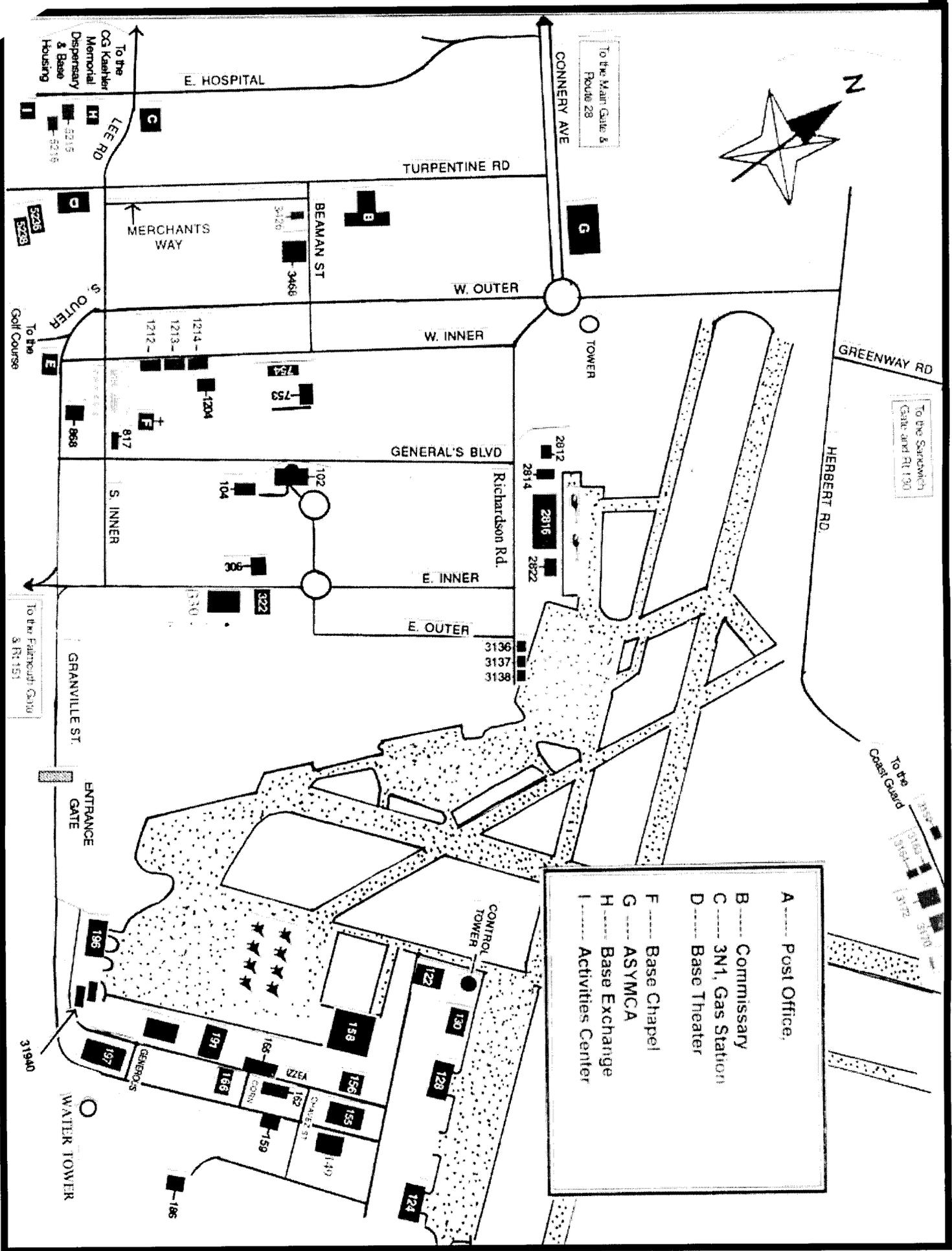
Most of our Air National Guard pilots are either full time military or civilian professional pilots. Many of them are the same pilots that you trust when you fly with the commercial airlines.

Success or failure in a future war will be accomplished in a matter of days. The 102nd Fighter Wing is part of the frontline force. Should a war occur, there would be no time for additional training, no time to "gear up" or "get ready". Also, history has repeatedly proven that the best way to prevent war is to prepare for war. All of this makes our training challenging and worthwhile and keeps us ready to fly anywhere in the world at any time.

Our men and women train hard to be prepared for any contingency. A lot of sacrifices are made in the home and on the job performing weekend duty, day and evening training, and temporary assignments at distant locations.

During the past decade, in the years 1991 through 1995 the Wing deployed to Panama as part of "Coronet Nighthawk," a drug interdiction operation. During the years 1995 through 1998 the wing deployed each year to Iceland for 45 days of air defense duty. During 1998 Otis Guard members trained for and performed real-world contingency assignments in Iceland, Canada, and Europe. In 1999 the Wing participated in Operation Northern Watch when it deployed with its F-15 Eagle aircraft to Turkey to patrol and enforce the no-fly zone north of the 36th parallel in northern Iraq. In 2000 the Wing deployed over 350 of its members to various overseas locations in support of the Expeditionary Aerospace Force and Operation Southern Watch. Locations included Turkey, Italy, France, Saudi Arabia, and Kuwait.

The dedicated men and women of the 102nd Fighter Wing live out its motto, "Omnis Vir Tigris," (Everyone a Tiger). We have pride in our past and faith in our future; we guard America's skies!



- A Post Office.
- B Commissary
- C 3N1, Gas Station
- D Base Theater
- F Base Chapel
- G ASYMCA
- H Base Exchange
- I Activities Center

To the Main Gate & Route 28

To the Saranoga Gate and Rt 130

To the Coast Guard

To the Golf Course

To the Fairport Camp S. Rt. 151

To the CG Kashiwa Memorial Dispensary & Base Housing

ENTRANCE GATE

WATER TOWER

CONTROL TOWER

GRANVILLE ST.

S. INNER

S. OUTER

E. INNER

W. INNER

W. OUTER

GENERAL'S BLVD

CONNERLY AVE

TURPENTINE RD

E. HOSPITAL

MERCHANTS WAY

BEAMAN ST

GREENWAY RD

HERBERT RD

Richardson Rd.

ENTRANCE GATE

WATER TOWER

CONTROL TOWER

GRANVILLE ST.

S. INNER

S. OUTER

E. INNER

W. INNER

W. OUTER

GENERAL'S BLVD

CONNERLY AVE

TURPENTINE RD

E. HOSPITAL

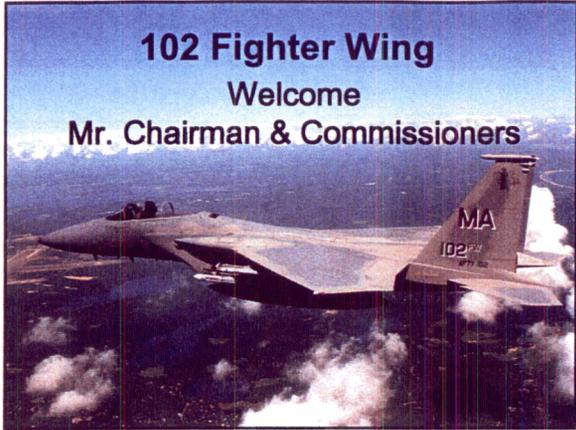
MERCHANTS WAY

BEAMAN ST

GREENWAY RD

HERBERT RD

Richardson Rd.



 **Overview** 

Introduction – Col Worcester
Military Value / ASA – Col Lynch
Jointness – Col Dupuis
Summary – Col Worcester

Ready - Reliable - Relevant 2

 **Introduction** 

Data Calls & AFAA Audits x 2
Substantial Deviations
Military Value Assessment
Air Sovereignty Alert
Jointness Assessment

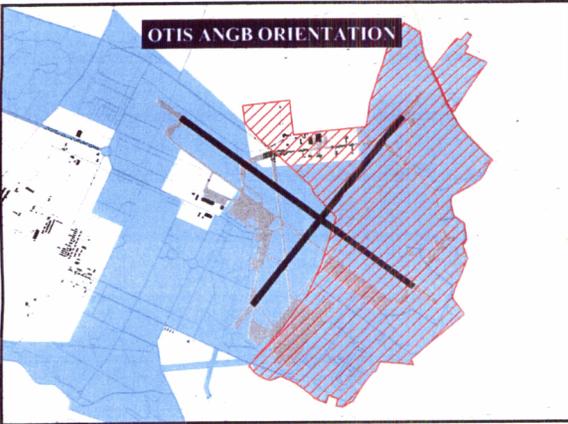
Ready - Reliable - Relevant 3

Introduction

“The Air Force followed three rules for evaluating its bases.
First, military value (facts and judgment) is the primary consideration.
Second, treat all bases equally.
Third, do not judge installations solely on the mission(s) they perform now.”

-AF Analysis & Recommendations, Vol V part 1 of 2

Ready - Reliable - Relevant



/// AF leased to state



6th space wing squadron

6th

3000 acres

U.S. AIR FORCE 

Issue

MILITARY VALUE
Full credit not awarded for current and future missions

Ready - Reliable - Relevant 10

U.S. AIR FORCE 

Military Value

- 102 FW Mission
- SUPERIOR Strengths
- Location, Location, Location

Ready - Reliable - Relevant 11

U.S. AIR FORCE 

National Security Strategy

"The strategic objectives of the 2005 National Defense Strategy include defending the US homeland from direct attack"
-Executive Summary, AF Analysis and Recommendations BRAC 2005

"The US Government has no more important mission than protecting the homeland from future terrorist attacks"
-President George W. Bush

Ready - Reliable - Relevant 12

102 Fighter Wing

- 24/7 NORAD Air Sovereignty Alert
- Air Expeditionary Force/Agile Combat Support
- Train for ASA and AEF Taskings

Ready · Reliable · Relevant

AOR - Canada to NCR

NORAD ASA

11 Sep 01 thru 31 May 05

- 112 Scramble Sorties
- 1563 CAP Sorties (5070 hrs)

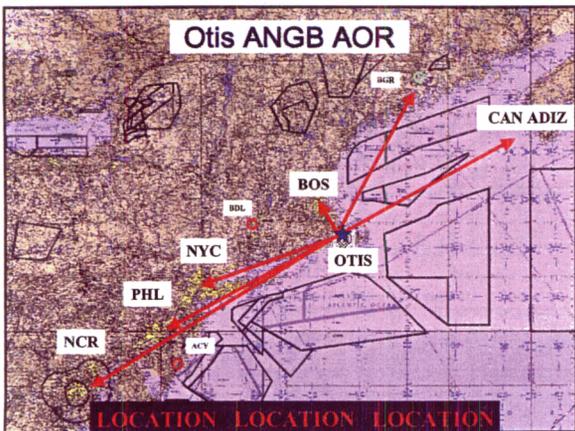
Air Sovereignty Alert (ASA):

- Presidential Support (POTUS)
- Republican National Convention (RNC)
- Democratic National Convention (DNC)
- Flights of Interest Escort (Passengers on "No Fly" List)
- Suspicious Cargo Escort

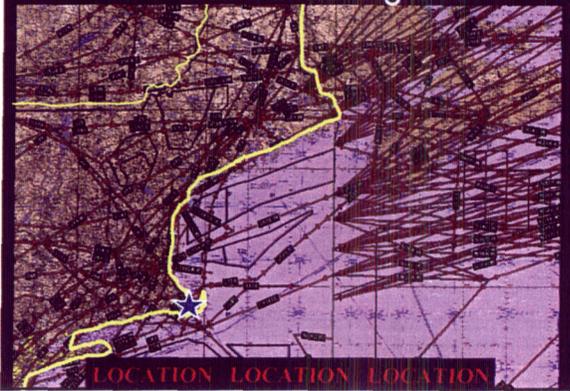
Notable High Visibility Examples:

- 22 Dec 2001 Shoe Bomber-Otis F-15s escort airliner to Logan
- 12 Apr 2005 "No Fly" PAX-Otis F-15s escort airliner to Newark
- 17 May 2005 "No Fly" PAX-Otis F-15s escort airliner to Bangor

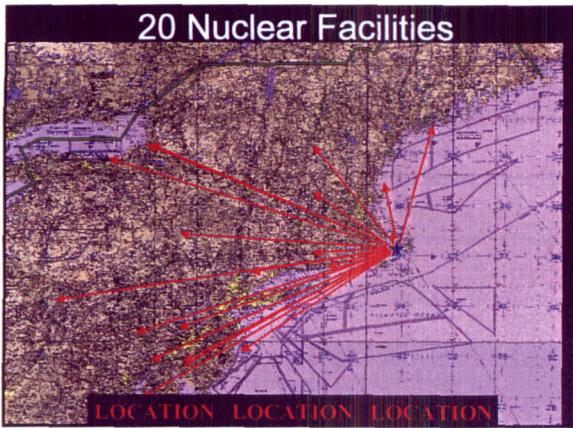
Ready · Reliable · Relevant



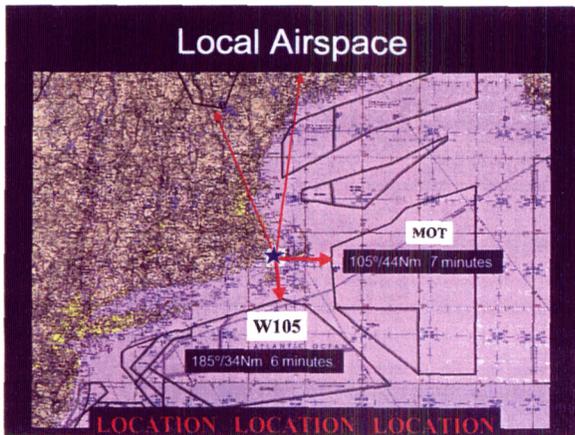
Air Routes Entering U.S.

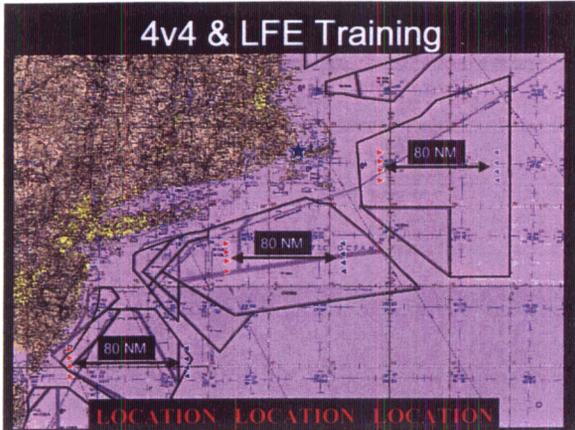


20 Nuclear Facilities



Local Airspace







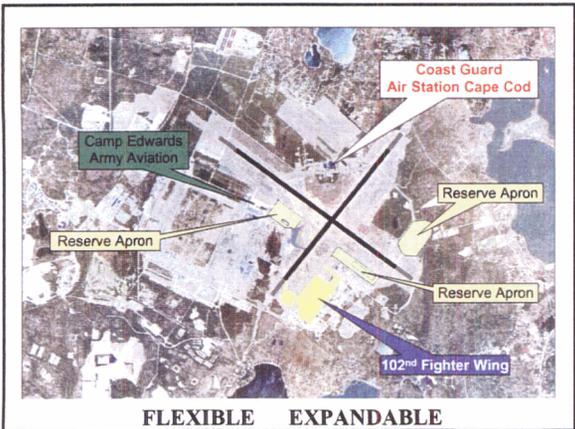

Superior Strategic Strengths

- **Two Operational Runways**
 - Space Shuttle Emergency Landing Site
 - Supports Joint Regional Flight Training
 - No Restrictions – No Airfield Encroachment
- **Outstanding Ramp Space**
 - Increased NORAD Force Levels/Surge Ops
 - No Munitions Loading Restrictions
 - 24 PAA Squadron (AICUZ established)
 - Emergency Diverts/Pond Crossing Option
- **Three Layers of Force Protection**

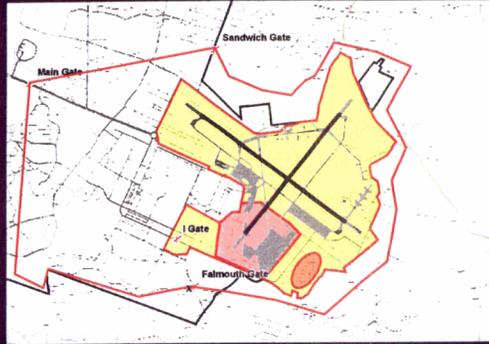



Ready - Reliable - Relevant

20



Secure Airfield -- 3 Layers of Force Protection



 **Unrestricted Location** 

- No Civilian or Commercial Traffic Delays
- No Intercept (Supersonic) Restrictions

 *Ready - Reliable - Relevant*  23

 **Military Value** 

There is a reason we do the air defense mission here...

 *Ready - Reliable - Relevant*  24

 **Jointness** 

"..... for the first time, the BRAC deliberations took place with an emphasis on "Jointness." The Department recognized that operating jointly reduces overhead costs, improves efficiency and facilitates cooperative training..."

Sec Def Donald Rumsfeld

Ready - Reliable - Relevant 25

 **Jointness** 

Issue:
If the DOD proposal to close Otis ANGB is approved, critical joint services will no longer be provided

We are the LIFE SUPPORT system to the MMR

Ready - Reliable - Relevant 26

 **Jointness** 

- Airfield Operations
- Utilities
- Emergency Services
- Logistics Support
- Environmental Support

Ready - Reliable - Relevant 27



- Massachusetts Army National Guard Training Site
- Massachusetts Environmental & Readiness Center
- Veterans Administration National Cemetery
- U.S. Army Environmental Center Impact Area Groundwater Study Program
- 253rd Combat Communications Group
- 267th Combat Communications Squadron
- U.S. Coast Guard Air Station Cape Cod
 - Exchange/Commissary
 - Golf Course
 - MWR
 - Family Housing
 - Storage for ships in Boston
- 6th Space Warning Squadron PAVE PAWS
- Air Force Center for Environmental Excellence / Installation Restoration Massachusetts Army National Guard Army Air Facility #1
- Massachusetts Army National Guard Regional Training Institute
- U.S. Department of Agriculture
- Environmental Management Commission
- Senior Environmental Corps
- Barnstable County Sheriff's Office / Correctional Facility
- Massachusetts Disaster Preparedness Safe Haven Facility
- U.S. Air Force Auxiliary (Civil Air Patrol)
- Massachusetts Maritime Academy (classrooms)
- Federal Aviation Administration, North Atlantic Region
- Bourne School System
- Coast Guard Communications Station, Boston
- Coast Guard Electronic Systems Support Detachment
- Coast Guard Marine Safety Field Office
- Coast Guard Northern Regional Fisheries Training Center
- Coast Guard LANT Area Armory
- Coast Guard Port Security Unit
- Motorcycle & canine training areas for state and local police
- Northeast Regional Fisheries Training Center (Coast Guard)
- Upper Cape Trash Transfer Station / Bay Colony Railroad
- U.S. Geological Survey
- Volpe Test Center
- Buzzards Bay Project
- FAA Cape Approach

A map of the Otis Air National Guard Base (ANGB) and surrounding area, similar to the first map. A callout box on the right lists services provided 24/7. The text 'Airfield Owner Operator' is written in a large font over the base area. The text '24/7' is written in large red font at the bottom right.

Otis ANGB Provides:

- Air Traffic Control
- Re-Fueling Services
- Airfield Management
- Airfield Repair/Maint
- Snow Removal
- Training
- Emergency Divert
- Weather Services

24/7



Otis AFB Provides:

- High Voltage Electrical
- Waste Water Management
- Public Water Supplier
- Stormwater Management
- Comm Infrastructure

24/7



Otis AFB Provides:

- 911 Call Center
- Aircraft Fire Fighting
- Structural Fire Fighting
- Explosive Ordnance Disposal
- Confined Space Rescue
- Space Shuttle Support
- Local/Regional Mutual Aid
- Alarm System Owner
- Fire Suppression Systems
- HazMat Spill Response
- Emergency Standby Ops
- Extensive Wildland Fire Mgt
- Emergency Medical Services
- Technical Rescue
- Water Rescue
- Joint Readiness Training

24/7



Otis AFB Provides:

- Mil Spec Jet Fuel
- Joint Oil Analysis
- Non-Destructive Inspection
- X-Ray
- Precision Measurement
- Equipment Laboratory
- Munitions Storage

24/7

Otis ANGB Provides:

- Joint Land Use Study
- AICUZ Study
- Tenant Recycling
- Public Water Supply Monitoring
- Natural and Cultural Resource Mgt
- Clean Water Act & Safe Drinking Water Act Compliance Permitting
- Waste Water Treatment Plant Analytical Monitoring
- Grassland Restoration

24/7

Otis ANGB Services Provided Off MMR

Emergency Services

- FEMA Region 1
- MEMA Region 2
- Barnstable County Mutual Aid
- Dukes County Mutual Aid
- Cape & Islands Emergency Medical System
- State Emergency Support

Munitions Storage

- USCG MA
- 106RW NY
- 157ARW NH
- 143AW RI
- 66ABW MA
- 109AW NY

PMEL

- 243EIS ME
- 213EIS NY
- 175WG MD
- 212EIS MA
- USCG MA
- 106RW NY
- 127WG MI
- 105AW NY
- 103FW CT
- 103ACS CT
- 23SOS CO
- 101ARW ME
- 158FW VT
- 66ABW MA
- 104FW MA
- 439AW MA
- 265CCS ME
- 159FW LA
- 282CCS RI
- 260ATCU NH
- 157ARW NH

EOD

- New England Region
- MA State Police
- ARNG MA
- 104FW MA
- 23 SOS CO/NH
- USCG MA

24/7

24/7

24/7

LIFE SUPPORT SYSTEM

Issue

“...proposed closure or realignment of military installations **shall take into account** the effect of the proposed closure or realignment on the costs of any other activity of the Department of Defense or any other federal agency...”
 -BRAC Selection Criteria -Section 2913 (e)—Effect on Department and Other Agency Costs

It appears the substantial costs that would need to be transferred to other agencies were not taken into account.

Ready - Reliable - Relevant

37

Issue

**Military Compatibility Index
Fighter Mission**

Ready - Reliable - Relevant

38

Summary

Military Value - Misassessed
Air Sovereignty Alert - Misassessed
Jointness - Not Assessed

“Substantial Deviations”

Ready - Reliable - Relevant

39

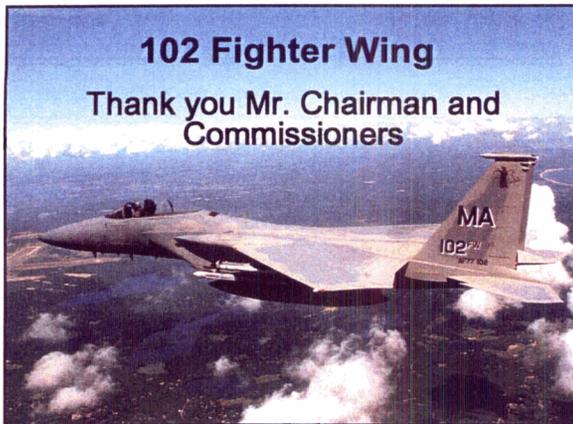
 **Summary** 

"The Commissioners and the staff will be working hard to ensure that the Commission's final set of recommendations focuses on military value and is both objective and fair."

-BRAC Commission Chairman, May 2005

Ready - Reliable - Relevant 40





F-15



F-15

102nd Fighter Wing Massachusetts Air National Guard

F-15

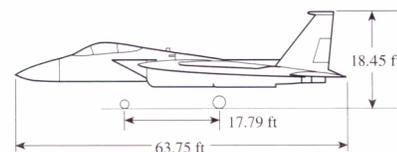
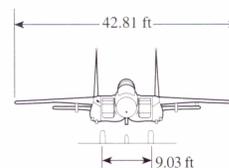
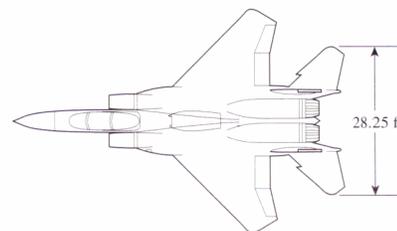
102nd Fighter Wing Massachusetts Air National Guard

The 102nd's conversion to the F-15 marked the first Air National Guard Air Defense unit to receive the Eagle.

The 102nd Fighter Wing began in 1921 as the 101st Observation Squadron, Massachusetts National Guard. The squadron secured its own training site on the landfilled tidal flats at Jeffries Point, East Boston later known as Logan International Airport.

In August of 1968, the 102nd left its Boston home and moved to Otis Air Force Base. The 101st Observation Squadron, forerunner of the 102nd Fighter Interceptor Wing, was the original occupant of the Otis Field where the squadron trained during World War II and was instrumental in the field's construction on the Camp Edwards property. Otis field was named after pilot, flight surgeon, and eminent Boston City Hospital surgeon, Lt. Frank Otis, who was killed while on a cross-country training mission.

The 102nd's conversion to the F-15 marked the first Air National Guard Air Defense unit to receive the Eagle. Otis Guard members train and perform real-world contingency assignments all over the world.



In 1999 the wing participated in Operation Northern Watch to patrol and enforce the no-fly zone north of the 36th parallel in northern Iraq.

The famed seagull insignia of the 101st Fighter Squadron was approved for use on November 19, 1924, and is the oldest continuously active patch in the U.S. Air Force. The dedicated men and women of the 102nd live out the wing's motto, "Omnis Vir Tigris," Everyone a Tiger.

F-15 Facts

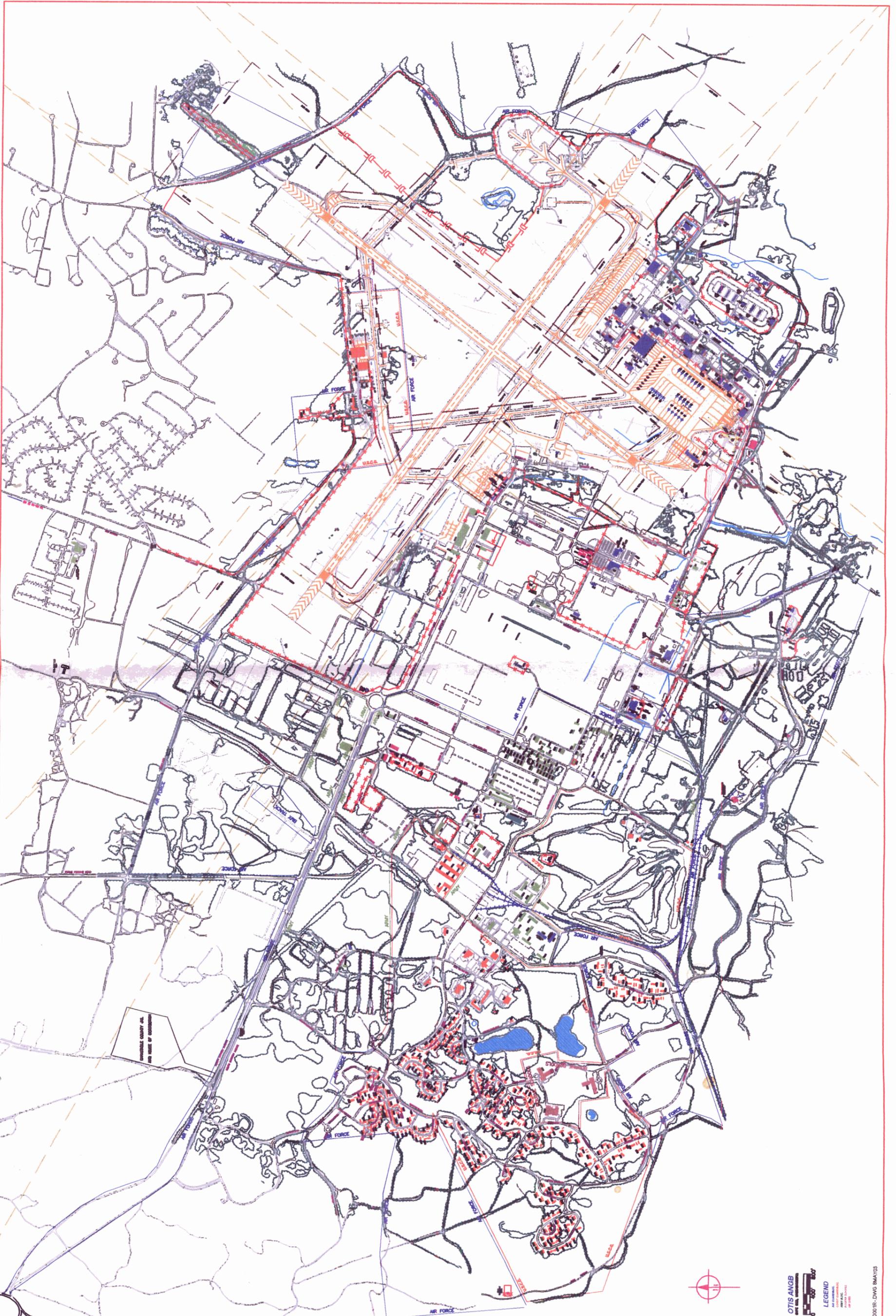
Length:	63.8 ft (19.45m)
Height:	18.5 ft (5.64m)
Wing Span:	42.8 ft (13.05 m)
Propulsion:	Two P&W F100 turbofan engines in 25,000 (11,340 kg) thrust class with afterburning
Weight:	45,000 lb (20,411 kg) class
Speed:	Mach 2.5 class

Armament: Mix of air-to-air weaponry includes:

AIM-9 Sidewinder missiles	AIM-120 AMRAAM missiles
AIM-7 Sparrow missiles	20mm cannon

F-15 aircraft of the 102nd Fighter Wing





OTIS ANGB
LEGEND