

**TENNESSEE WING
OF THE
CIVIL AIR PATROL
UNITED STATES AIR FORCE AUXILIARY**

2441 East General Aviation Drive

Alcoa, Tennessee 37701

Col. Bill Lane, Commander

2014 WING HISTORY

Revised

Prepared by

Major Betty Schoenhardt, CAP

Assistant AE Officer, Group 1

Tennessee Wing

TABLE OF CONTENTS

Chapter 1	Introduction, Mission, and Assets	Page 3
Chapter 2	Communications	Page 7
Chapter 3	Emergency Services	Page 8
Chapter 4	Aerospace Education	Page 9
Chapter 5	Cadets	Page 10
Chapter 6	Safety Report	Page 11

CHAPTER 1

INTRODUCTION, MISSION AND ASSETS

There are 1,000 volunteers serving their communities and their countries by providing emergency services, aerospace education and cadet program activities in the state of Tennessee which are supported by the Tennessee Aeronautics Board and the Tennessee State Legislature. Services are provided across the state and in the surrounding areas.¹

The Headquarters project that began last year was completed and now the usable area has been expanded from 700 square feet to several thousand feet. This area had been a storage area for the past 20 years so, therefore, much had to be done in the area of cleaning, replacement and repair. A coordinated effort was made by the Wing Command, Wing Administration and the Project Officer of this huge undertaking and a construction company was chosen for this work which began in June and was completed by Labor Day.²

The Wing Squadron consists of:

Tennessee Wing Ghost Squadron	TN 000
Tennessee Wing HQ Staff	TN 001
Legislative Squadron	TN 999

The Wing consists of four Groups and thirty-two Squadrons

Group 1 Lt Col Bill Renaud, Commander TN 128

Kingsport Composite Squadron	TN 004
Knoxville Composite Squadron 1	TN 008
Greeneville Composite Squadron	TN 015
Morristown Composite Squadron	TN 019
Knoxville Senior Squadron	TN 087
Sevier County Flight	TN 095
McGhee – Tyson Composite Squadron	TN 148
Oak Ridge Composite Squadron	TN 170

¹ Tennessee Wing Home Page

² After Action Report by Lt Col Harry Bannon

Group II Lt Col Jack Mullinax TN 017

Tullahoma Composite Squadron	TN 036
Cleveland Composite Squadron	TN 173
Rhea County Composite Squadron	TN 176
Chattanooga Composite Squadron	TN 187
Choo Choo Senior Squadron	TN 192
Cumberland Composite Squadron	TN 393

Group III Maj Raymond Rader TN 153

Smyrna Composite Squadron	TN 005
Berry Field Composite Squadron 56	TN 056
Middle Tennessee Senior Squadron	TN 133
Sumner County Cadet Squadron 16	TN 160
Murfreesboro Composite Squadron	TN 162
Music City Cadet Squadron	TN 185
Hendersonville Cadet Squadron	TN 191
Williamson County Cadet Squadron	TN 193

Group IV Capt Rodney Wilson TN 122

Henry County Composite Squadron	TN 080
Millington Composite Squadron	TN 014
Jackson Madison County Senior Squadron	TN 119
Lewis County Cadet Squadron	TN 189
Hardeman County Cadet Squadron	TN 194
Everett-Stewart Composite Squadron	TN 195

TENNESSEE WING STAFF

COMMANDER – Col Bill Lane

VICE COMMANDER - LTC Arlinda Bailey

ADVISOR TO THE COMMANDER – LTC Montille Warren

CHIEF OF STAFF - LTC James Lawson

INSPECTOR GENERAL – Maj Ron Broach

ASST. INSPECTOR GENERAL - LTC Louis Piche

DIRECTOR OF SAFETY - LTC Bill Holt

HOMELAND SECURITY/CD OFFICER – LTC Vernon Prevatt

STAN/EVAL DIRECTOR – LTC Steven Campbell

DIRECTOR OF OPERATIONS – LTC Bill Dritt

DIRECTOR OF EMERGENCY SERVICES/IT – Maj Rob Borsari

DIRECTOR OF COMMUNICATIONS – LTC Randy Stripling

COMMUNICATIONS TRAINING OFFICER – LTC Randy Stripling

DISASTER RELIEF OFFICER – Maj Marty Nix

DIRECTOR OF PUBLIC AFFAIRS – LTC James Lawson

MAINTENANCE OFFICER – AIRCRAFT – Capt Wayne Freiesleben

DIRECTOR OF AEROSPACE EDUCATION - LTC Gary Lynn

DRUG DEMAND REDUCTION OFFICER – Capt Richard Dyer

DIRECTOR OF CADET PROGRAMS - LTC Roger Middleton

DIRECTOR OF LOGISTICS – LTC Arlinda Bailey

TRANSPORTATION OFFICER – Maj Louis Moore

DIRECTOR OF PROFESSIONAL DEVELOPMENT AND PERSONNEL – Maj Brian Hughes

DIRECTOR OF FINANCE – Capt Bill Pfeifer

CRITICAL INCIDENT STRESS MANAGEMENT - Capt Deanna Allman

WING CHAPLAIN – LTC Sergio Freeman

TENNESSEE WING STAFF Continued

LEGAL OFFICER – LtC Ralph Bard

HEALTH SERVICES OFFICER – LTC (Doctor) Kenneth Miller, Jr.

DIRECTOR OF ADMINISTRATION – Capt Scott Alley

WING HISTORIAN –Jill Smith

WING ASSETS

AIRCRAFT

GROUP 1	GROUP 2	GROUP 3	GROUP 4
N 1354 E	N 371 CP	N 428 CP	N 826 CP
N 739 CP	N 9987 H	N 453 CA	
N 905 CP	N 342 BA (Glider)	N 4814 C	
	N 428 BA (Glider)		

GROUND VEHICLES

COMMUNICATIONS (Antenna) VAN 1

PASSENGER VANS and SUVs 21

All vehicles and aircraft are utilized for CAP seniors and cadets to carry out missions, both actual, training and cadet orientation flights.

COMMUNICATIONS

LTC Randy Stripling became Communications Officer when Capt Jeffrey Gebhart became Deputy Commander for Group 1.

Tennessee Wing operated 10 VHF repeaters in the following locations:

- 1- Nashville
- 2- Sevierville
- 3- Memphis
- 4- Humbolt
- 5- Kingsport
- 6- Dayton
- 7- Lewisburg
- 8- Cookeville
- 9- Sewanee
- 10- Camden

There are no HF repeaters. *****

TENNESSEE RADIO STATUS

105 Mobile VHF Radios

43 Hand Held VHF Radios

10 Land Based VHF Repeaters

2 Airborne VHF Repeaters

6 Mobile HF-ALE Radios

4 Base HF-ALE Radios

2 Rapid Deployment HF-ALE Radios

10 Base HF Radios

USF ISR radios were used by various members throughout the wing.³

³ Email from Lt Col Randy Stripling, Wing Communications Officer

EMERGENCY SERVICES

Emergency services have consisted of actual missions, training, sometimes coordinating with the Tennessee Emergency Management Agency (TEMA), law enforcement and local EMAs and Fire Departments.

ACTIVITIES

MISSING PERSONS

One mission was coordinated with Ga. Wing for a missing person and involved the Dade Co., Ga. Sheriff's Dept., West Brow Fire Dept. and about 40 members of the Tennessee Wing along with some ground team members from Georgia units. The missing person was found deceased 20 miles south of the original direction of search due to the apparent confusion of the victim.

SAREXES

One exercise per month was planned with an attempt at rotating the SAREXs (Search and Rescue Exercises) into every Group in Wing. When weather dictates and a SAREX must be cancelled, it is re-scheduled so that every Group will have at least one fairly local opportunity a minimum of once a year. If there are other ways to train without the affected resources, they are substituted for the original plan. Tennessee is a very long state.

One of the Sarexes was run simulating disaster relief with the Antenna Van which supplied electricity by generator for Operations support, communications and power for base requirements.

ELT MISSIONS: During the calendar year of 2014, TNWG tracked ELT alerts, and made some distress and some non-distress finds. Several signals ceased operating before the ground teams could get to them and were not found.

TORNADO DAMAGE: Photo missions were assigned by TEMA to study damage after 3 tornado touchdowns .

DISTRESS BEACONS: One distress beacon was found from a downed aircraft and silenced in Monroe County. The pilot was deceased.

TRAINING: 393.2 hours were flown in training, placing Tennessee Wing 8th in the nation for fiscal year 2014. 11, 237 SQTR tasks were completed during that time, also.⁴

⁴ E-mail Data Burst, 14 Sept.2014

AEROSPACE EDUCATION

An agreement was signed between MTSU President, Sidney A. McPhee, and Tennessee Wing Commander, Col Bill Lane to engage cadets in science and technology pursuits through the state-of-the-art AE training facilities. This includes a flight school, aircraft mechanics and a new \$3.2 million 360 degree air traffic control tower simulator in Murfreesboro.

The AE teacher program supported by CAP was presented to area teachers at the University of Tennessee during the summer of 2014.

CADET PROGRAM

The cadet program is a 16 step program which includes aerospace education, leadership training, physical fitness, and moral leadership.⁵ Cadet ages are from 12 to 21 and there are 423 cadets in the Tennessee Wing.

CADET ACTIVITIES

CADET ORIENTATION FLIGHTS:

CAP qualified "o-pilots" flew 244.1 hours of o-rides last year. Each o-ride lasted from 45 minutes, minimum to 1hr. 10 minutes, maximum. Five powered flights and five glider flights are offered to cadets by the CAP predicated on established syllabi.

FLIGHT SCHOLARSHIPS:

Flight scholarships were awarded to two cadets in the FY 2014-15.

SPAATZ AWARDS:

The Spaatz Award was awarded to two cadets in Tennessee during 2014.

Abigail C. Dickerson from TN 189, the Lewis County Cadet Squadron, received hers on 26 May 2014.

Korbin Niehaus from TN 185, the Music City Cadet Squadron, received his on 27 June 2014.

WREATHS ACROSS AMERICA

Cadets from Williamson County Squadron, TN 193 and Murfreesboro Squadron, TN 162 travelled to Arlington Cemetery and participated in the laying of wreaths during that ceremony on 13 December 2014.

They were privileged to a personalized trip through the Pentagon and participated in the laying of wreaths at the fence where Flight 77 crashed into the building. They also had the chance to visit the Smithsonian Aerospace Museum in Washington, DC.⁶

Units across the Wing participated in ceremonies at sixteen cemeteries.⁷

⁵ GoCivilAirPatrol.com website

⁶ Posting on TNCAP.US website-home page

⁷ Email from Capt Richard Dyer, Wing WAA Coordinator

SAFETY HISTORICAL REPORT

The overarching goal of any safety program is to mitigate risks, control hazards and prevent mishaps. The primary goal of the CAP Safety Program is to protect both the membership and its assets in the performance of their volunteer duties. To do this, CAP leadership and its safety program managers shall use both education and training to promote the culture of safety within the Civil Air Patrol.

Education is intended to infuse an individual with a broad base of knowledge.

Training is intended to bring an individual to a level of proficiency for a specific skill. Civil Air Patrol's Culture of Safety is a combination of both education and training.

In FY2014, the Tennessee Wing had NO aircraft, vehicle or bodily injury accidents. The Tennessee Wing flew over 1440 hours of accident free flying hours in FY2014.

The Civil Air Patrol and the Tennessee Wing has a system of mishap reporting and review whose purpose is mishap prevention. The Wing has a notification procedure in place to ensure appropriate commander and safety officers are promptly notified of all mishaps within the Wing.

In FY2014, a CAP Safety Survey was completed by all CAP units in the Tennessee Wing. At the beginning of FY2015, all Tennessee Wing CAP units have completed new CAP Safety Survey's. In addition, all Tennessee Wing CAP units completed an annual Safety Day where the unit focused entirely on safety subjects applicable to the unit. The units also put special emphasis on Risk Management during meetings. Operational Risk Safety Briefings before flight and ground activity are required by Civil Air Patrol regulations.⁸

⁸ Report by LTC Phil Holt, Wing Safety Director

MANY THANKS
FOR THE COMBINED EFFORT OF
TENNESSEE WING OFFICERS
AND
JEANNIE EVANS, OUR
WING ADMINISTRATOR
WHO HELPED PROVIDE
THE INFORMATION
TO COMPLETE THIS ASSIGNMENT

Major Betty Shoenhardt

CIVIL AIR PATROL, TENNESSEE WING RENOVATION
Submitted by Lt Col Harry Bannon
Edited by Wing

Building 9022 on the McGhee Tyson airport served as the Fixed Base Operations for Cherokee Aviation for many years during the 1960's through the early 1980's after which it was basically unused until recently. During this period the area was utilized primarily for storage of unused equipment as indicated by the following photos.



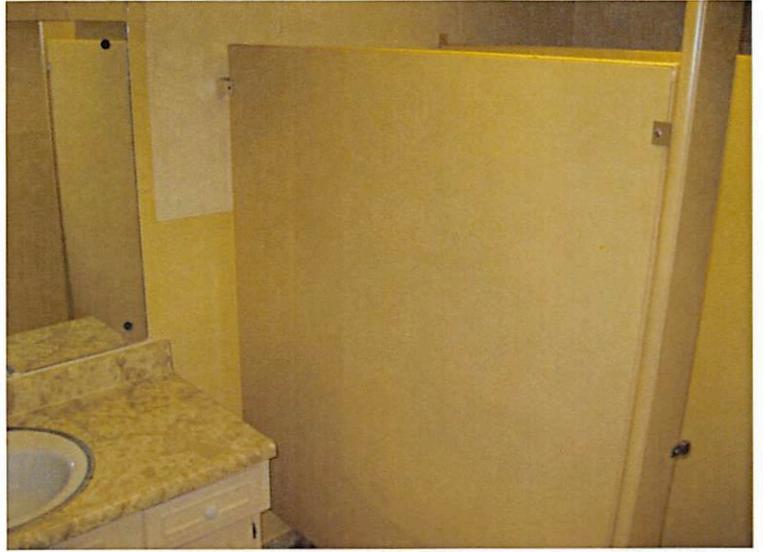
LOBBY AREA AT START OF PROJECT



UPSTAIRS MEETING ROOM AT START OF PROJECT



COMMUNICATIONS AREA AT START OF PROJECT



RESTROOMS AT START OF PROJECT



ONE OF THE OFFICES AT START OF PROJECT

During this period, Group 1 HQ, Knox Senior one, TYS Composite squadrons were meeting in the East end of the same building which consisted of approximately 700 square feet. These squadrons sometimes were granted temporary use of the training room occupied by Volunteer Aviation which later became Smokey Mountain Flight Training.

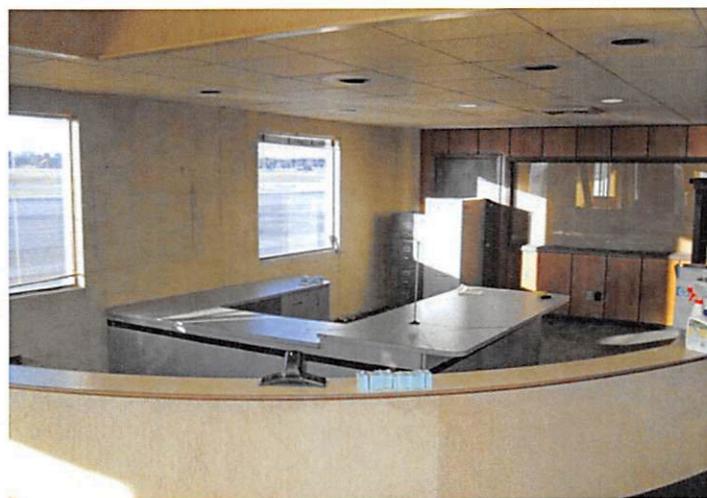
When Grande aviation took over from Smokey Mountain, we no longer had the use of the training room where our meetings were held. Basically this added urgency in attempting to acquire the Cherokee Terminal for our use. Thanks to the efforts of Col Lane, Lt Col Bailey, and Lt Col Bard, an agreement was negotiated with TAC Air for the lease of the space.

A massive cleaning effort began with the help of the members of the local squadrons and HQ staff. As well as reinstalling the walls in the upstairs meeting room; relocating the curved counter in the lobby; enclosing the communications area to permit securing the equipment; and installing an antennae on the roof of the building; the following photos reflect a sample of this effort.



MEETING ROOM

COMMUNICATIONS AREA AFTER CLEANING





ENTRANCE



UPSTAIRS CONFERENCE ROOM AFTER CLEANING

At this point, the building was functional but was in need of maintenance because of being neglected for about 20 years. Many of the walls had been damaged, flooring was worn and well past its end-of-life. The plumbing and the HVAC systems had been unused for 20 years, even though partially functional, were well past their useful life.

Again, thanks to the efforts of Col Bill Lane, Lt Col Arlinda Bailey, and Lt Col Ralph Bard, a renovation grant was negotiated and issued to CAP by the **Tennessee Aeronautics Division** to refurbish the facilities. But before the renovation could happen, multiple bids had to be obtained leading to the selection of a contractor. This effort was coordinated by our Wing Administrator, Jeannie Evans; Capt Scott Alley, and Maj Bill Pfeifer.

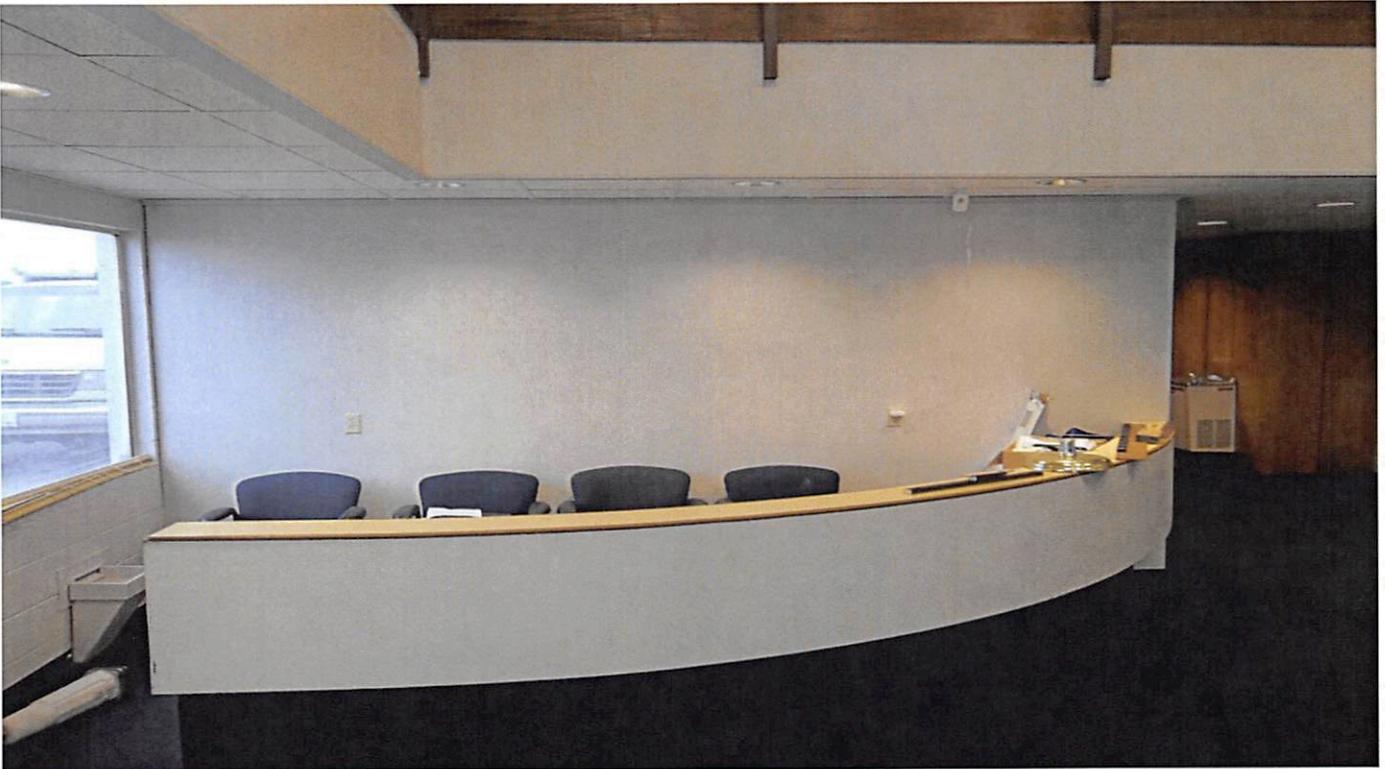
Following the selection of Carico Construction for the project; work began, following our SAREVAL in June.

Basically, the phases of this project in consisted of the following:

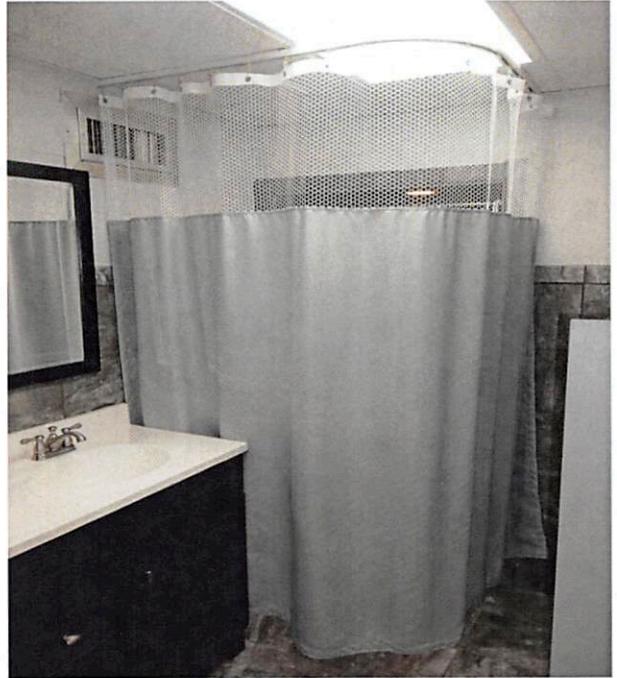
- Painting inside and outside of building
- Removing and replacing all ceiling tiles
- Removing and replacing all light fixtures
- Removing and replacing all floor covering
- Modernizing both restrooms

- Replacing four upstairs windows

All this sounds rather straight forward until you realize that the phases had to be coordinated as such that we continued to operate while the renovation was in progress. This necessitated the movement of furniture and files as the various phases were completed. The project was completed on time and on budget by Labor Day. The following photos reflect the finished product:



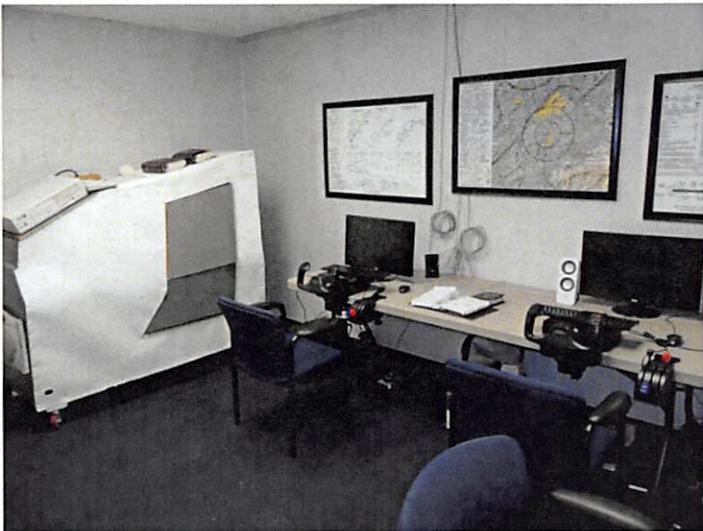
LOBBY ENTRANCE



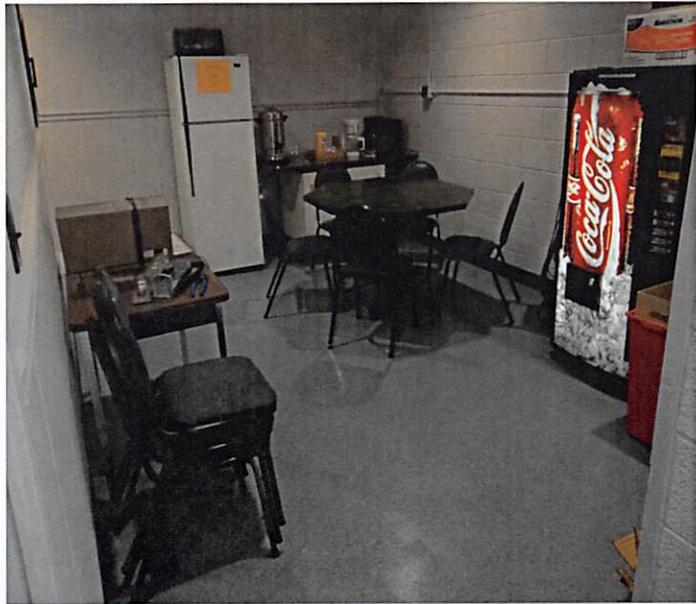
MEN'S RESTROOM WITH SHOWER



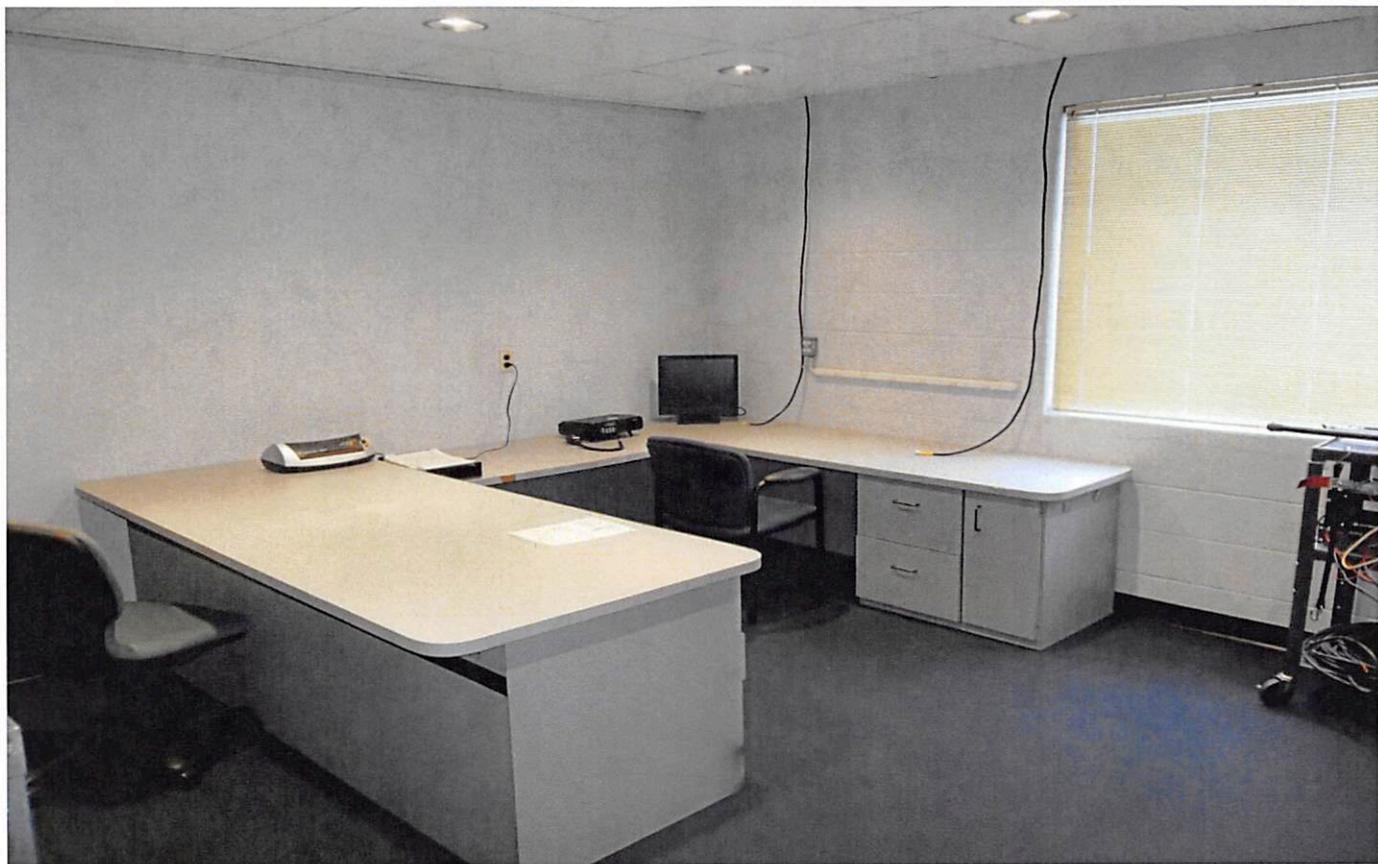
WOMEN'S RESTROOM



SIMULATOR ROOM



BREAK ROOM



COMMUNICATIONS AREA



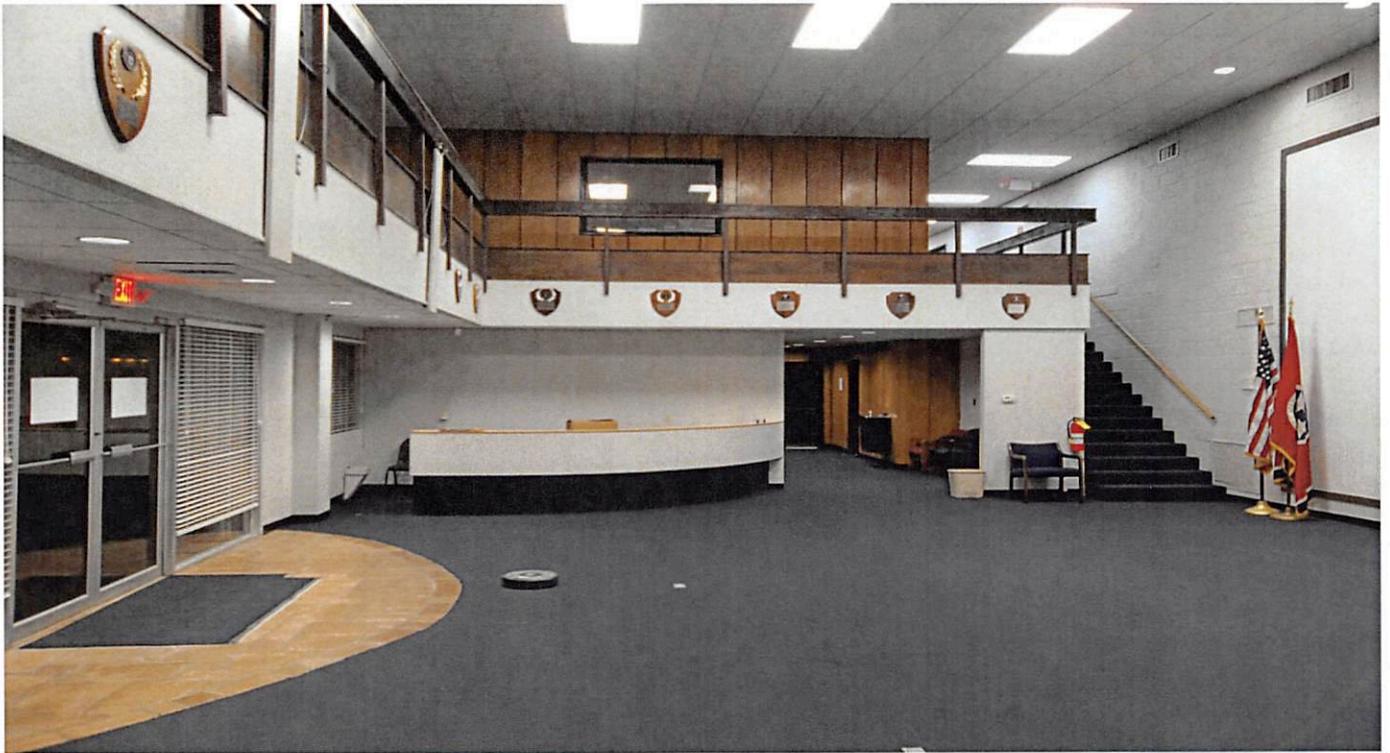
LOWER OFFICE



OPERATIONS OFFICE



COMMANDER'S OFFICE



DOWNSTAIRS LOBBY



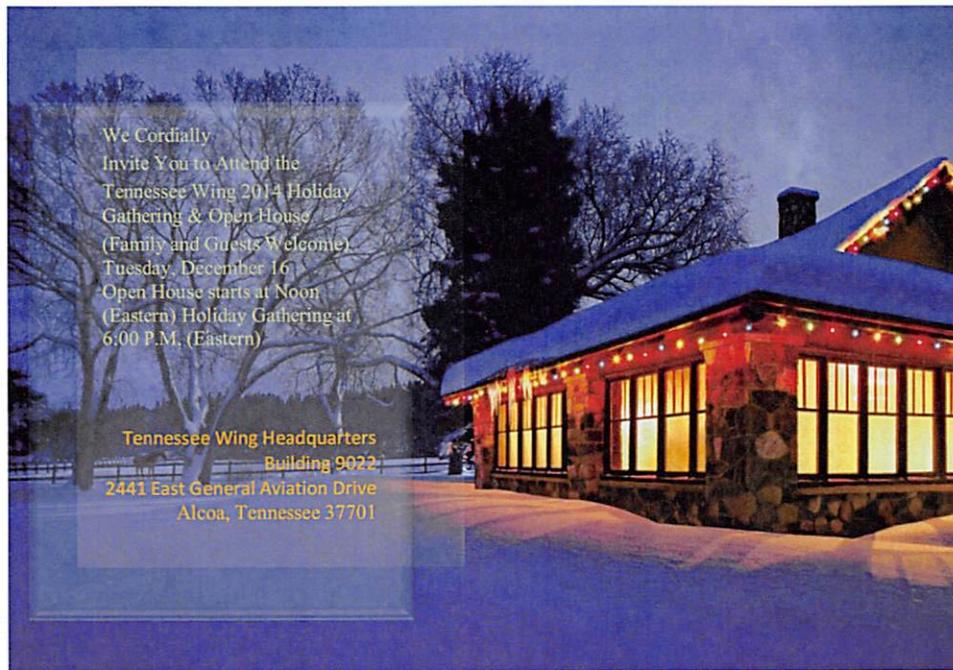
DOWNSTAIRS LOBBY



FRONT ENTRANCE



FRONT DOORS INSIDE BREEZEWAY



We held an “Open House” 16th of January for all members and those that made this possible. Col Commander Bill Lane presented an “Appreciation Award” that evening to Lt Col Harry Bannon, whom he had appointed as project director. Lt Col Bannon has been a member of the Civil Air Patrol for 29 years and has put in many hours before, during and after the renovation working on the building. His wife Barbara has been a big support as well. Tennessee Civil Air Patrol appreciates all that went into making this Headquarters a valuable asset to serve the State of Tennessee. (This Last paragraph was added by Wing.)

TENNESSEE WING STAFF 2014

