

HS-REPORT:
202304-04

**ANNUAL COMMAND HISTORY
IOWA WING**

Civil Air Patrol
Auxiliary of the United States Air Force

1 January 2022 thru 31 December 2022 (CY22)



Prepared By:

2nd Lt. Mark J. Struve, CAP
Wing Historian

Reviewed By:

Col. Jonathan Lartigue
Wing Commander

FOREWORD

This Annual History was prepared as a joint effort between unit commanders, historians, and wing staff across the entirety of the Iowa Wing. Its composition and testament to facts are a direct representation of the commitment, effort, and ethic of the members of the Wing and its subordinate organizations and units. The last few years have been a period of uncertainty for the historical section of this organization. However, it is the opinion and hope of the current historian that those days are behind as we forge our path forward. Our mission and commitment in this staff section is to preserve the rich and proud history of the organization, raise awareness and interest in aviation, and help foster a culture of history that senior members and cadets of the past and present can be proud of while helping instill that pride in a new generation of membership.

The contents of the following pages reflect this commitment, not just for this staff section, but for the whole organization of the Iowa Wing. It is in this spirit that we stake our claim in the history of our great Civil Air Patrol.

2nd Lt. Mark J. Struve
Historian, CAP



**HEADQUARTERS, IOWA WING
CIVIL AIR PATROL, UNITED STATES AIR FORCE AUXILIARY
105 SOUTH HANSEL STREET, BLDG 714
MAXWELL AIR FORCE BASE, ALABAMA 36112-633**

27 APR 2023

MEMORANDUM FOR RECORD

FROM: IAWG//CC

SUBJECT: Approval of IAWG Annual History for 2022

1. Please accept this memorandum as proof of my approval of the IAWG Annual History for CY2022.
2. If I can provide any additional information, please do not hesitate to contact me. My email address and phone numbers can be accessed in eServices or from the National Directory.
3. The historical officer POC for this Annual History is 2nd Lt. Mark J. Struve, mstruve@iawg.cap.gov, 563.940.9156.

// SIGNED //

COL. JONATHAN W. LARTIGUE, CAP
COMMANDING, IOWA WING

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COLONEL JONATHAN W. LARTIGUE, COMMANDING

Col Jonathan W. Lartigue has been a senior member of Civil Air Patrol for nearly 15 years and has served at the squadron, wing, region, and national levels of CAP. He is a level 1 incident commander, a mission pilot, and has taught for the Mission Aircrew School at the National Emergency Services Academy and at the Cadet Aviation Ground School. He has served on many notable CAP missions including the responses for the Deepwater Horizon disaster and Hurricanes Michael, Florence, and Matthew. In addition to his other duties, he currently serves on the national aerospace education staff as a STEM kit coordinator.



Col Lartigue holds Doctor of Philosophy and master's degrees in computer science and software Engineering from Auburn University. He has worked for much of his career in the defense and aerospace industries, was one of the world's first developers of mobile Apps and has taught as an assistant professor of software engineering. He is an FAA certified private pilot, remote pilot, advanced ground instructor, and instrument ground instructor.

LIEUTENANT COLONEL JASON S. ERICKSON, VICE COMMANDER

Maj Jason S. Erickson is the Chief Operating Officer of ThinkSpace IT/SIPspace and currently serves as both Iowa Wing's Vice Commander and Director of Cadet Programs.

Maj Erickson has been a member of the Iowa Wing for more than 12 years. He has been instrumental in restarting Iowa Wing's cadet encampment, the Wing cadet advisor council, and in standing up the Southwest Iowa Composite Squadron. He has led and served in many activities, events, and duty positions throughout the state.

Working with cadet programs is a passion for Maj Erickson, and he enjoys seeing cadets thrive as they grow their skills in leadership, character, and public speaking. Iowa Wing's cadet program, under his leadership, has evolved greatly and despite the COVID-19 pandemic has grown over the past two years.

As an information technology expert, he has also been instrumental in moving Iowa Wing's IT infrastructure to the Office 365 platform, standardized the wing's website to present a unified online presence, and fostered the adoption of multiple low-cost technology solutions that have improved the wing's IT capabilities.

Maj Erickson is a recipient of the Presidential Disaster Relief Ribbon, a Region Commander's Commendation, and was named Cadet Programs Officer of the Year for the North Central Region. He is a lifelong lover of aviation, currently a student pilot, and will soon take his private pilot check ride.

CHIEF MASTER SERGEANT PAUL E. WALLACE, COMMAND NCO

Bio missing.



LIEUTENANT COLONEL SEAN MCCLANAHAN, CHIEF OF STAFF

Bio missing.

EXECUTIVE SUMMARY

Calendar Year 2022 (CY22) was an eventful year for the Iowa Wing with lingering impacts due to COVID-19, encampment, and ongoing efforts to sustain mission operations. These efforts were also impacted by staff shortages in the Wing staff.

Nevertheless, a robust Aerospace Education Program coupled with an outstanding Cadet Program lead helped maintain a high standard in programming for the Cadet Cadre across the wing. Combined with proactive command at the Squadron and Flight levels, this resulted in five of eight units receiving Quality Cadet Unit Awards for the CY.

In Flight-Line Operations (FLO), the Wing continued to struggle with maintaining aircraft hours, however had improved over previous reports. Much of these impacts were due to COVID-19 limitations and were greatly improving prior to the winter months of the CY. FLO is anticipated to see a large growth in use during the Q1-Q2 of CY23. Emergency operations for natural disasters also helped provide a reprieve following the multitude of natural disasters in the 2019 and 2020 seasons. As of the composition of this report, at least one survey operation had been requested for severe storm damage in Q2 CY23, with additional surveys anticipated later in the quarter.

A substantial number of changes to Wing staff occurred during this CY. It is the hope and ambition of the organization that these changes provide beneficial to the ongoing operation of the Wing and its subordinate organizations. What follows in this volume includes significant highlights and achievements of each staff section covered and unit organization. There was no shortage of items to report for this CY.

COMMAND STAFF

Commander
Vice Commander
Command NCO
Chief of Staff

Col. Jonathan W. Lartigue
Lt. Col. Jason S. Erickson
CMSgt. Paul E. Wallace
Lt. Col. Sean McClanahan

* Complete Staff can be reference in Annex A1.

OPERATIONS SECTION

IAWG//OPERATIONS

Capt. Alex H. Paul, Director

Email: apaul@iawg.cap.gov



SECTION STAFF

Director
Emergency Services Officer
Assistant Emergency Services Officer
sUAS Officers

Standards & Evaluations Officer
Assistant Standards & Evaluations Officer
Maintenance Officer

Capt. Alex Paul
Lt. Col. Ron Mutchler
Maj. James McLaughlin
1st Lt. Simon Manser
Capt. Stuart Rauh
Capt. Steve Farquhar
Capt. David Ackerman
- ACTING - Lt. Col. Ron Mutchler

* Complete Staff can be reference in Annex A1.

SEARCH AND RESCUE (SAR)

Iowa Wing conducted SAR training this CY, in addition to sUAS training. The Wing also added sUAS officers to its ranks along with several small drones to accomplish the new mission intent. No SAR missions were conducted in the CY.

DISASTER RESPONSE

The Wing conducted disaster relief training during this CY. A quiet severe weather season led to no major disaster relief activities during this period. However, cadets did participate in searches for valuables following tornadoes.

HOMELAND SECURITY

Iowa Wing did not complete any homeland security training or missions during this CY.

COUNTERDRUG OPERATIONS

Iowa Wing did not complete any counterdrug operations training or missions during this CY.

AEROSPACE EDUCATION SECTION

IAWG//EDUCATION

Lt. Col. Donald Hahn, Jr., Director

Email: dhahn@iawg.cap.gov



SECTION STAFF

Director

Lt. Col. Donald Hahn, Jr.

* Complete Staff can be reference in Annex A1.

INTERNAL AEROSPACE EDUCATION

The IAWG TOP flight news video was included in the CAP Annual report to Congress for viewing. In addition, the number of Aerospace Education Officers (AEOs) in the wing increased over the CY. All units had at least one additional member complete the Yeager Award in the CY. Des Moines (NCR-IA-002) received the Squadron Aerospace Education Achievement Award for the period of FY22.

EXTERNAL AEROSPACE EDUCATION

In the realm of community education efforts and association, the wing coordinated with local schools, Boy Scouts of America (BSOA), Young Eagles, and Trail Life USA.

CADET PROGRAMMING SECTION

IAWG//CADETS

Lt. Col. Jason S. Erickson., Director

Email: jerickson@iawg.cap.gov



SECTION STAFF

Director

Lt. Col. Jason S. Erickson

* Complete Staff can be reference in Annex A1.

CADET PROGRAMS

Five of the eight units achieved the Quality Cadet Unit Awards this CY. One of the three did not meet the membership requirements but did meet other criteria.

The units that won this award for the period of 31 AUG 2021 – 31 AUG 2022 were: Des Moines (NCR-IA-002, fifth consecutive), Southwest Iowa (NCR-IA-003), Black Hawk County (NCR-IA-004), 41st Iowa (NCR-IA-041), and Dubuque (NCR-IA-043).

Cadets continued to be engaged by senior staff to maintain and increase membership numbers during the CY. This was despite ongoing COVID-19 impacts during the beginning of the CY, which put restrictions on meeting activities and retention attempts. COVID-19 mitigations had mostly concluded by May, with numbers steadily increasing by the Q2 of CY22.

CADET ACTIVITIES

The 2022 Cadet Encampment was held from 6 – 14 JUL with staff arriving in the days before at Camp Dodge. Minor impacts relating to COVID-19 were felt with some individuals testing positive cases. In addition, setup was hindered by issues with the Dining Facility (DFAC). Despite these obstacles, the 2022 Encampment was successful and included a larger assortment of activities than in previous years to account for COVID-19 impacts from 2020-2022. 71 Cadets were in attendance for this CY with 15 Senior Members.

Annex B1 includes an event summary from Lt. Col. Hahn on the encampment.

GENERAL AND SPECIAL STAFF SECTION

Iowa Wing



S1//PERSONNEL

Across the wing, there was an increase of approximately eight percent in personnel from the last CY in Senior Membership, rising to approximately 200. Cadets rose from 125 at the beginning of the CY to 161 at the end of the period.

S2//SAFETY

Maj. Gen. Phelka ordered a safety stand down on 2 JUN to refocus on safety standards across the organization. During the stand down all operations were suspended.

S3//OPERATIONS

The wing has seven aircraft in its possession plus one glider and a handful of drones. At the beginning of FY23, there were 26 pilots, including five check pilots, and seven mission pilots. Three aircraft are C-182's, the rest of the powered aircraft are C-172's. 94 O-Flights were conducted this CY.

S6//SIGNAL

IT and Communications continue to be modernized across the Wing. ReadyOp radios are the focus for S6//COMMS. Repeater sites are a second line of effort. Radio modernization continues to be a priority as well, with some older radios being replaced with newer systems. Vehicle radios were given a zero-fail requirement.

IT//IMP's main effort this CY was inventory of computer hardware and managing early COVID-19 mitigations through use of MS Teams. Restrictions remain in place on web content modifications.

S8//RESOURCE MANAGEMENT

Impacts continued due to the realignment of the Wing Administrator. A backlog of requests is the focus from Q4 CY22 forward. A more concise account will be made available in the CY23 submission.

HISTORIAN

The History Section underwent modest transformation towards the end of the CY, particularly in the efforts of historical preservation and narrative. This included an increase from zero to two historians across the Wing, the ingestion of over 50,000 paper and 12 standard artifacts.

Publications had originated in the Davenport Squadron and became Wing-wide publications in CY23. Additionally, historical presentations and classes are scheduled to begin in the CY23 period. The Annual History for CY2021 was completed in 2022, with materials for the CY2022 period being collected by the end of the CY.

For more details on the in-depth history operations for this CY, see Annex C1, IA041's Annual Historical Summary.

PUBLIC AFFAIRS

On 18 JAN, Iowa Wing conducted its first State Legislative Day in over a decade. The event was held from 1330 to 1630. More than 50 Civil Air Patrol members engaged with state legislators and their staff. This greatly increased their awareness of CAP's missions and activities. Several of these engagements resulted in applications to join the state legislative squadron (NCR-IA-999).

ANNEX A1: WING STAFF DIRECTORY

Commander	Col. Jonathan W. Lartigue
Vice Commander	Lt. Col. Jason S. Erickson
Command NCO	CMSgt. Paul E. Wallace
Chief of Staff	Lt. Col. Sean McClanahan
Logistics	Lt. Col. Sean McClanahan, Director Lt. Col. Roger Elliott SM Jenni Nesmith
Transportation	Lt. Col. Donald Hahn, Director
Cadet Programs	Lt. Col. Jason S. Erickson, Director
Aerospace Education	Col. Jonathan W. Lartigue, Director Capt. Vijay Pisini
Communications	Lt. Col. Sean McClanahan, Director Capt. Wayne Harrah
Operations	Capt. Alex Paul, Director
Emergency Services	Lt. Col. Ron Mutchler Maj. James McLaughlin
sAUS	1st Lt. Simon Manser Capt. Stuart Rauh
Administration	- VACANT -
Personnel	- VACANT -
Recruiting & Retention	- VACANT -
Public Affairs	- VACANT -
Information Technology	- VACANT -
Chaplain	Lt. Col. Jeffery Williams
Historian	2nd Lt. Mark J. Struve
Health Services	- VACANT -
Inspector General	- VACANT -
Safety	- VACANT -
Government Relations	1st Lt. Robert "Mike" Buser
Legal	- VACANT -
Cadet Advisory Board (Regional Advisory)	C/Maj. Austin Haubenstricker C/1st Lt. Ava Duncan
Cadet Advisory Board (Des Moines)	C/2nd Lt. Jacob Pallister C/Capt. Nathaniel Curtis
Cadet Advisory Board (Black Hawk)	C/MSgt. Kaden Hardy C/SMSgt. Jack Brooks
Cadet Advisory Board (Southwest)	C/CMSgt. Austin Rhoads C/CMSgt. Nicolas McBride
Cadet Advisory Board (Davenport)	C/CMSgt. Daniel Stephens C/CMSgt. Brooklyn Banta
Cadet Advisory Board (Dubuque)	C/CMSgt. Jackson Newhouse
Cadet Advisory Board (Cedar Rapids)	C/CMSgt. Tyler T. Sadler
Cadet Advisory Board (Osage)	C/CMSgt. Seth R. Schechinger C/CMSgt. Benaiah Meier C/CMSgt. Isabell Merritt

ANNEX B1: 2022 ENCAMPMENT

The 2022 Iowa Wing Encampment was expanded in duration to include some additional activities for the Cadet Students.

My Commander of Cadets was Lt. Col. Jeff Michalski. The Cadet Commander of Cadets was C/Maj. Brandon Earl. C/Maj. Earl had as his DC of Operation C/Nicole Frost from Iowa Wing. His DC of Support was C/Lt. Col. Nathan Ireland from Nebraska Wing.

This Encampment also featured a Regional Cadet Leadership School (RCLS). We received numerous support staff applications and we felt we could do a split with the Support Staff. RCLS was split into two groups. If not at RCLS, you were attending to the duties assigned as line staff. Great plan. Learned that Cadets cannot receive credit for two major events that conclude on the same day. We, for the purpose of records, had to add a day to RCLS class only on the calendar. Seventeen Cadets received credit for RCLS.

Good selection of barracks and in proximity to our primary DFAC and Gold Star Museum.

Just as in 2021, the 2022 DFAC we received was not 100 percent. The solution was to present us with a second DFAC. Lot of food was prepared in one DFAC and shuttle to our primary DFAC. Neither facility was at 100 percent operation, which meant we could not prepare our variety of food in a single DFAC.

The other challenge we faced this encampment was the need to provide bedding and towels for personal hygiene. Camp Dodge had stopped the practice. An additional logistical problem for the wing to store and clean linens after encampment.

On 5 JUL, I was notified that Maj. Erickson, Iowa Wing DC of Cadet Programs, had tested positive for COVID-19. I received this notice as we began arriving at Camp Dodge. The Encampment Leadership and Staff reported to Camp Dodge at noon. Maj. Erickson had been the POC with Camp Dodge and our facilities. His absence was quickly felt. Opening took longer than planned but we finally had assigned barracks.

Again, because of Maj. Erickson's affliction, Lt. Col. Michalski had to travel out of his way to pick up the food. Food and offloading activities began much later than planned. Freezer space also became an issue. Our second DFAC was pressed into service. Food prep and storage became a time-consuming issue and point of stress.

Cadet Students arrived on 6 JUL. The in processing flowed quickly and efficiently this year.

6 JUL began the special activities. The AM session was the Virtual Firing range on Camp Dodge. At 1700 we were scheduled to do live fire with .22LR caliber rifles at a gun range that was supported by NRA range masters. We took our evening dinner with us to feed the Encampment Cadre and enough to feed the gun range volunteers. We arrived at our designated time to learn the range was closing. No records of our event were found on their calendar or with their personnel. After 30 minutes, we packed up and returned to Camp Dodge.

We hosted a guest speaker. She was a USAF Missileer and had just a few weeks earlier separated from USAF. She spoke of her career, her training track, how she entered her training track and experiences inside an underground missile silo.

10 JUL, we went on a trip to the RC Airfield was the highlight of the day. Des Moines Modelaires is a local RC club. They provide aircraft with buddy boxes, demos on flying RC planes, helicopters, and large airfoils. The winds in the afternoon made RC flying difficult and reduced our time at their site. Cadets seemed to enjoy the experiences.

11 JUL. Highlight of the Day was UH-60 Blackhawk Orientation Flights. Right after lunch, we shuffled the Cadets to the landing area on Camp Dodge. It had been kept a close secret. Some Cadet Staff had been briefed but most Cadet Students were unaware. Although they had signed releases, the probability of flights occurring was not guaranteed.

It was an exhilarating time to watch the three aircraft fly overhead, circle the landing area and then descend to land.

Everyone that wanted to fly did. A short trip, less than 10 minutes in the air. We got a tour around the training facilities at some tree top flying. Truly, the highlight of the encampment.



12 JUL. Encampment winding down. The morning was spent in the Gold Star Military Museum. Located on the property of Camp Dodge. A fine museum with attention given to veterans of all branches from Iowa. Tuesday also brought the report of two COVID-19 cases. Both were female Cadet Students. Immediately contacted the parents and Camp Dodge. We were issued special lodging to house and isolate the female cadets. Each was assigned a female Senior Member to keep them comfortable and tend to any needs. COVID-19 protective gear was issued to Senior Members.

Parents arrived within four hours of notification. Cadet Students were packed out of their barracks. Teams disinfected the barracks and the beds and mattresses. Three cadets departed, two were sisters but only one tested positive. All three cadets had acquired the minimum amount of time to count towards completion of the encampment. Although not in the Pass N' Review, they were credited for their attendance.

13 JUL. Practice for Graduation begins. That evening was our formal dinner in blues.

Graduation Day! Awards and Pass N' Review. The ceremony began at 1400 with completion at 1500. Upon dismissal, Cadet Students began to depart.

The two days prior to encampment concluding, the Cadets and Staff began barracks and classroom cleaning that allowed us to surrender rented facilities back to Camp Dodge. This expedited our final egress from Camp Dodge. We were able to surrender sign off and surrender all facilities by 1900.

We had to leave one vehicle on Camp Dodge due to mechanical issues. Red Oak squadron did return arrange for repairs and take to vehicle back to their home squadron.

Excess food, linens, blankets, and bath sets went to Maj. Erickson in Atlantic. This year, we were able to properly return all equipment to contributing squadrons. Exit was good.

Cadet Staff with cell phones is still a terrible idea.

// SIGNED //

Lt. Col. Donald Hahn, CAP
2022 Encampment Commander

ANNEX C1: IA041 ANNUAL HISTORICAL SUMMARY

NCR-IA-041//CG
41st Iowa Composite Squadron (Davenport Squadron)
8922 North Harrison Street
PO Box 2154
Davenport, Iowa, 52806-2154
COMM: 563.459.7752 | EMAIL: jstephens@iawg.cap.gov



SUMMARY

Q2 of Calendar Year (CY)22 for the 41st Composite Squadron is highlighted by formal return to reduced-mitigation operations amidst the COVID-19 Pandemic, with an uptick in events, mission flights, and safety evaluations.

The 41st also acquired a drone and initiated sUAS operations. Two additional flight simulators were constructed during this period, and a reduction in excess materiel allowed S6 to utilize new space for these simulators.

PERSONNEL SUMMARY

Strength at the beginning of the CY: 20 Senior / 21 Cadets

Strength as of the time of this report: 25 Senior / 25 Cadets

EMERGENCY SERVICES

An annual emergency services exercise was conducted the weekend of 25 & 26 JUN at Camp Dodge. The 41st sent a handful of cadets and senior members to assist and be trained during the exercise. It was a chance to test the skills that had been taught within various training modules. Of particular importance was the inclusion of two sUAS cadets who were certified during the exercise.

ES also received a copy of Gibson Ridge Weather Monitoring software this CY. The GR:Earth software included data feeds from AllisonHouse LLC and direct feed information from the National Weather Service, Storm Prediction Center, and National Hurricane Center. The software will allow ES and Flight Line Operations to make better assessments of weather impacts in any specific mission space in CONUS.

S1 / PERSONNEL

Nothing to submit for this period.

S2 / SAFETY

Maj. Gen. Phelka ordered a safety stand down on 2 JUN to refocus on safety standards across the organization. During the stand down all operations were suspended.

COVID-19 MITIGATION

As mentioned in the executive summary, the squadron had been largely impacted by COVID-19. NHQ had made modifications to the COVID-19 mitigation measures at the end of January. The dates for transitioning between the phases were relatively tight. The CY began in Phase I of the old mitigation plan while the transitions to the new plan are highlighted below:

Phase I: 11 JAN 2022
Phase II: 18 FEB 2022
Phase III: 22 FEB 2022

During Q2, the 41st was impacted by a few positive COVID-19 cases and one exposure event. Safety mitigations were immediately implemented upon discovery of these cases, to include a stand down for subsequent meeting the following week. Deep cleaning of the facility then followed to reduce risk of exposure. There have been no cases since the initial exposure, and mitigation has been determined to have been successful.

S3 / OPERATIONS

FLIGHT LINE OPERATIONS

The FLO has a total of five pilots on hand and one aircraft. These operate independently of the separate Drone Operations. The intake/loss of pilots was 2/2 for a net loss of zero.

N919CP was loaned out to other squadrons during a few weeks this CY. Between this and maintenance of the aircraft, around two months were observed without an aircraft on hand. Loans should be reduced due to the wing acquiring additional aircraft following this CY.

CY22 Figures as of 7 DEC

- 124 flight hours logged
- 15 powered/10 glider orientation flights
- 7 powered backseat flights

CY22 Personnel

- 3 Orientation Pilots
- 2 Instructor Pilots
- 0 Mission Pilots (1 Pending)
- 3 Mission Scanners
- 1 Mission Observer
- 2 Aerial Photographers

CY22 Assessments to-date (as of 7 DEC)

Name	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
Manser	2.4	2.7	3.2	1.7	2.3	2.5	1.3	0.0	1.9	5.9	0.0	4.0	29.9 ^a
Savage	3.8	2.4	0.0	0.0	3.0	3.0	0.0	2.5	6.4	5.1	1.8	0.0	32.2
Johnson	5.0	4.8	3.2	5.2	0.0	11.2	3.9	6.3	0.0	0.0	4.7	2.5	46.8 ^b
McAndrew	3.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.8
Ellsworth	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	1.5
Fleming	0.0	2.3	0.6	3.3	0.0	0.0	2.4	0.0	0.0	0.0	0.0	0.0	8.6
Grunwald	0.0	0.0	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2
TOTALS	15.0	12.2	8.2	10.2	5.3	16.7	7.6	8.8	8.3	11.0	6.5	8.0	124.0

^a Includes two (2) hours in aircraft other than N919CP

^b Includes 4.2 hours in aircraft other than N919CP

Q1 Operations

The 41st Composite Squadron conducted several flight operations during the reporting period. As of the time of this report, none of these had specific mission details published or released to the Historical Section.

In February, N919CP was found to have a fuel sensor issue in the right fuel tank. The Fixed Base Operator (FBO) recommended replacement of gauges in both tanks. The issue was uncovered during a routine Form 5 flight, and the pilot elected to abort the mission upon discovery. Subsequently, the issue was resolved by the replacement of the fuel sensors and N919CP was returned to service.

N919CP went in for a 100-hour maintenance at the end of April.

Q2 Operations

Orientation Flights were a major part of Flight Line Operations in the month of June. Five flights were conducted by 1st Lt. Johnson between 10 JUN. Two cadets cancelled due to the weather. Cadets were also given an opportunity to go on an Orientation Flight in concert with Dubuque Squadron on 19 JUN. 1st Lt. Johnson provided cadets with ample information and answered questions.

S4 / LOGISTICS

Nothing to submit for this period.

S5 / PLANS

Nothing to submit for this period.

S6 / INFORMATION TECHNOLOGY

Q1 Operations

The S6's highlight during this reporting period sits on the modernization and expansion of the Flight Simulator program. During the first half of this CY, the S6 expanded its count of PCs dedicated to the Flight Simulator from one to three. Graphics cards and new monitors were also purchased to accomplish this mission.

Flight Simulator Mission

One Asus GTX 1650 was purchased, along with two Gigabyte GT 740 graphics cards. Another graphics card, an Asus RX 670, was donated by 2nd Lt. Simon Manser.

Four Vizio TVs were purchased for the flight simulators and one curved Samsung monitor. The Samsung monitor and two Vizio TVs were placed on the main flight simulator with the GTX 1650 and GT 740 graphics cards. The Dell XPS 8940 for this system was donated by SM Mark Struve. One Vizio TV was placed on the old flight simulator PC with the RX 670 graphics card with a custom build by 2nd Lt. Manser. The last Vizio TV will be placed on a third PC that was also donated by 2nd Lt. Manser with the second GT 740.

The intention of the three builds is to expand the capabilities of the squadron by providing a more immersive experience for cadets and seniors, while also not limiting a flight simulation experience to one individual. A third setup was chosen to be quickly portable and usable at public events.

Microsoft Teams

The S6 worked with the Iowa Wing and NHQ to properly establish and maintain squadron cohesion during the COVID-19 Pandemic. The key element in continued operations was the use of Microsoft Teams to continue meetings. The S6 optimized squadron laptops to ensure that the programs ran smoothly and reduced risk of lag due to rendering issues caused by background processes.

Archival PC

The S6 established a new archival PC for the newly established Historical Section. This was utilized using donated materials from SM Struve, who provided most of the workstation. The squadron supplied 16 GB of DDR4 RAM, which was budgeted into the Flight Simulator program.

Q2 Operations

S6 received shipment of a pair of Klipsch ProMedia 2.0 speakers for the flight simulators. The systems were donated to the squadron by Klipsch, and an additional 2.1 system is scheduled to be donated once the items are back in stock. This completed two of the three flight sims that had been built.

Internet connectivity issues continued to be an ongoing issue for the squadron, especially in a hybrid environment. The use of mobile hotspot connectivity has become a necessity. S6 has examined options for internet service provider replacements, but none have met the cost requirements versus connectivity requirements to meet the needs of the squadron.

The squadron is examining the potential to upgrade the main flight simulator to the latest Microsoft Flight Simulator 2020. This update is forthcoming, and no date has been set for this time due to procurement obstacles, but it remains on the table for future updates.

The acquisition of an iPad is being examined for operation and use within the sUAS program. Cost analysis should be complete during Q3 CY22.

Q3 & Q4 Operations

The squadron was brought into workstation and cybersecurity compliance across multiple platforms. Password management systems were implemented to routinely change workstation passwords periodically. The changes were implemented by 2nd Lt. Bloomquist.

The squadron added a Twitter profile during this period as well. Work is being conducted to properly synchronize activity between the Facebook and Twitter accounts as well as better social media management. No unification of these accounts has occurred to this date but is planned sometime in CY23.

S7 / TRAINING

New personnel have been continuing their onboard training. This includes three cadets and two senior members. The bulk of training and prepo during this Q has largely been dedicated to VHF certifications (such as I-CUT) and encampment. Expect a historical review for the 2022 Encampment during the next quarterly historical review.

Cadets were also involved in the weekend-long Emergency Services exercise event that was held the weekend of 25 & 26 JUN at Camp Dodge.

S8 / RESOURCE MANAGEMENT

The quarterly financial meeting occurred on 21 JUN. The committee largely focused on upcoming donation drives and small funding requirements such as Vanguard orders and patches. No major financial needs are anticipated currently.

HISTORICAL SECTION

Q1 Operations

The Historical Section is the newest section within the 41st Composite Squadron. This is not the first time a historian has been on hand, but the first in quite some time. Modernization, expansion, and proper establishment of the section has been the highlight of this reporting period. The chief action this period was the creation of Iowa Wing Regulation 110-41 which formally establishes, authorizes, and regulates the Historical Section of the 41st Composite Squadron.

Two uniforms were donated to the squadron during this period. They included a USAF TSGT uniform dated from approximately the 1980s and a CAP 1st Lt. uniform from the Iowa Wing dated to approximately the late 1960s. These constitute a foundation of physical artifacts that will be first on the inventory list when a formal inventory can finally be conducted.

The archival PC has been set up and will in the future include a digital library as well as all available historical documents pertaining to the squadron. The historian has allocated 600 GB of data to the section, with 5 TB being added later this CY.

The number of historical documents pertaining to the wing that are on hand within the squadron's possession is massive. Documents include newspaper clippings, legislation, and correspondence. An MFR, dated 3 MAY 2022, is to be sent to the Wing for notification that these items are in the squadron's possession. Activities and actions will be taken immediately to ensure their preservation and up to the code self-imposed by IAWR 110-41.

Q2 Operations

During Q2, the Historical Section assessed historical assets for the squadron. This included the discovery of historical documents, items, and resources. 28 artifacts were added to the artifact inventory list. Items included uniforms, squadron charters, and materials pertaining to the establishment of the Iowa Wing (see below). The Historical Section discovered numerous documents that can be used to create an anthological history on the entire Iowa Wing.

CATALOG		COLLECTION		NOMENCLATURE	PING DATE	DISPOSITION
<i>Prefix</i>	<i>Number</i>	<i>Classification</i>	<i>Typing</i>		<i>Approximate</i>	<i>Last Known</i>
NCR.IA.041	2205001	1 - Static	V/O	1960s Civil Air Patrol Uniform (Dress Blues)	19650000	I
NCR.IA.041	2205002	1 - Static	V/O	2000s U.S. Air Force Dress Blues	20070000	I
NCR.IA.041	2205003	1 - Static	V/O	Tuskegee Airmen Guest Speaker Board (ASC)	20090130	I
NCR.IA.041	2205004	1 - Static	V/O	2016 U.S. Air Force ABU, Enlisted	20160000	I
NCR.IA.041	2205005	0 - Media	V/F	Charter, Iowa Wing, Davenport Composite Squadron (13041)	19590306	I
NCR.IA.041	2205006	0 - Media	V/F	Charter, Iowa Wing, Red Oak Squadron (13027)	19580624	I
NCR.IA.041	2205007	0 - Media	V/F	Charter, Iowa Wing, Cedar Rapids Composite Squadron (13051)	19630124	I
NCR.IA.041	2205008	0 - Media	V/F	Charter, Iowa Wing, Cedar Rapids Senior Squadron (13014)	19570521	I
NCR.IA.041	2205009	0 - Media	V/F	Charter, Iowa Wing, Cedar Rapids Squadron House File 284, Creating a State Agency designated Iowa Civil Air Patrol	19550000	I
NCR.IA.041	2205010	0 - Media	V/F	Civil Air Patrol	19550209	I
NCR.IA.041	2205011	1 - Static	V/O	Civil Air Patrol, Davenport Composite SQDN Flag	19600130	I
NCR.IA.041	2205012	0 - Media	V/F	Duty Assignment Guide for Administrative Inspector	19461205	I
NCR.IA.041	2205013	0 - Media	V/F	Duty Assignment Guide for Operations and Training Officer	19461205	I
NCR.IA.041	2205014	0 - Media	V/F	Duty Assignment Guide for Intelligence Officer	19461205	I
NCR.IA.041	2205015	0 - Media	V/F	Duty Assignment Guide for Legal Officer	19461205	I

NCR.IA.041	2205016	0 - Media	V/F	Duty Assignment Guide for Air Inspector	19461205	I
NCR.IA.041	2205017	0 - Media	V/F	Duty Assignment Guide for Fiscal Officer	19461205	I
NCR.IA.041	2205018	0 - Media	V/F	Duty Assignment Guide for Public Relations Officer	19461205	I
NCR.IA.041	2205019	0 - Media	V/F	Duty Assignment Guide for Publications and Records Officer	19461205	I
NCR.IA.041	2205020	0 - Media	V/F	Duty Assignment Guide for Engineering Officer	19461205	I
NCR.IA.041	2205021	0 - Media	V/F	Duty Assignment Guide for Supply Officer	19461205	I
NCR.IA.041	2205022	0 - Media	V/F	Duty Assignment Guide for Medical Officer	19461205	I
NCR.IA.041	2205023	0 - Media	V/F	Duty Assignment Guide for Personnel Officer	19461205	I
NCR.IA.041	2205024	0 - Media	V/F	Duty Assignment Guide for Commanding Officer	19461205	I
NCR.IA.041	2205025	0 - Media	V/F	Duty Assignment Guide for Adjutant	19461205	I
NCR.IA.041	2205026	0 - Media	V/F	Duty Assignment Guide for Communications Officer	19461205	I
NCR.IA.041	2206001	0 - Media	V/F	AFTRC M 51-60-1: Basic Flying: Air Training Command	19500201	I
NCR.IA.041	2206002	0 - Media	V/F	T-6 Check List and Procedures	19500613	I

The Historian is currently building a materiel request list for proper preservation and storage of historical materials, planning new historical displays, planning historical exhibits at the FBO, composing historical newsletters, laying foundations for CAP white papers, and unilaterally providing briefings to cadets, seniors, and the public.

The 41st's Historian has communicated the quantity of materials to the Iowa Wing Historian for review. It is the position of the Squadron Historian that the bulk of historical information on the wing is located at the Davenport location and may have been a repository in the past.

On 7 JUN, the Historian briefed cadets and senior members on how to properly draft and compose a historical summary using IAWF-110-16. The intent of this form is to bring historical context to the forefront of thinking during events.

Q3 & Q4 Operations

SM Mark Struve posted his promotion to 2nd Lt. on 18 OCT. Shortly thereafter he was appointed to Wing Historian for the Iowa Wing (19 DEC). EI Skylar Bowrey joined CAP around the same time as 2nd Lt. Struve's promotion and finished her Level I training on 6 DEC. EI Philip Whan backfilled one of four allocated AEIP slots in November and is scheduled to continue through Q2 CY23.

Historical Operations during these quarters was focused primarily on the streamlining, aggregation, and cohesion of historical documents within the Iowa Wing while unilaterally working on squadron heraldry. This has included the creation of proof-of-concepts (ProCons) of various historical displays for both static and dynamic formats. The Historical Section is also actively working to produce additional historical narratives on the Iowa Wing and 41st. As of the date of this submission, over 25,000 articles had been assessed and an estimated 10,000 remain. These vary in scope and classification across all squadrons in the Iowa Wing and North Central Region.

2nd Lt. Struve has also been proactive in communication through the CAP establishing contacts within NHQ. Specifically, he has been working on CAP-wide distribution of Historical Newsletters, which began earlier this year. The newsletter content is shown in the table below.

Date	Volume	Issue	Subject
20220130	1	1	The A-10 Thunderbolt II & The GAU-8 Avenger
20220501	1	2	The F-16's Cannon of Fire
20220601	1	3	The Fall of the Valkyrie
20220701	1	4	55 Years in the Making: The Northrop B-2 Spirit
20220801	1	5	Polar Bears & Dragons: Gary Powers and the U-2 Spy Plane
20220901	1	6	Into the Blue: The United States Air Force at 75
20221001	2	1	The Saga of the Second Bomber: <i>Bockscar</i>
20221101	2	2	Beyond the Civil Air Patrol: Women in Aviation, Combat Ferries, and Ordnance
20221201	2	3	NORAD Tracks Santa: A Festive Tradition

On 17 SEP, 2nd Lt. Struve presented a special briefing at the Davenport Public Library's main branch commemorating the Air Force's 75th Birthday. CPT John Stephens was also in attendance along with

twelve other community members. The briefing covered aviation from 1863 to the present including highlights in World War II, Korea, Vietnam, the Gulf War, and the Global War on Terror.

The Historical Section at the 41st was asked to conduct additional briefings at the eastern branch of the Davenport Public Library in 2023. A total of four topics were decided upon including a rerun of the 75th USAF Birthday presentation, Jack Northrop & The B-2 Bomber, The ATF Program, and the USAAF in World War II.

It is worth noting that the presentation covering Jack Northrop & The B-2 Bomber was also presented to cadets of the 41st in July of this year. The talk highlighted the importance of perseverance, and the significance of scientific advancement in technology and design from the 1900s to the present. The talk was included in the normal meeting sequence.

The Historical Section was also asked to assist St. Ambrose University with their Art History and Museum Studies Showcase in February 2023. The showcase will highlight the historic materials located at the squadron, highlight the historical background of the organization, and add exposure of the CAP to students in the SAU population. SM Bowrey will be the lead on this engagement.

Effective 3 JAN 2023, this section will cross-report with the Wing History (NCR-IA-001).

Personnel List

2nd Lt. Mark Struve
SM Skylar Bowrey
EI Philip Whan

Squadron Historian
Assistant Historian
AEIP Student Intern

PUBLIC AFFAIRS

EVENTS

There were two flag placing events during this period; both were routine. The first event was for Memorial Day and the second was for Flag Day. On both dates, the same path and plan was utilized, setting up at 0600 the day of, and tearing down at 1830.

On 11 JUN, cadets and senior members were invited to a private screening of *Top Gun: Maverick* at the Cinemark Theater. There were 23 members and their families that were in attendance.

On 28 JUN, cadets and senior members were invited to tour the tower at Quad City International Airport. The tours consisted of two groups of 12 and one group of six and lasted approximately two hours. The tour was facilitated by 1st Lt. Travis Johnson.

On 26 JUL, Lt. Col. Donald Hahn transferred command of the squadron to Capt. John Stephens. Capt. Stephens had previously been the squadron's Deputy Cadet Commander as well as the Financial Officer. Lt. Col. Hahn backfilled into the role of Deputy Cadet Commander. At the same time, C/1st Lt. Diego Montiel relinquished command of the Cadet Corps to C/1st Lt. Timothy Ku. C/1st Lt. Montiel departed the squadron at the same time bound for AF-ROTC.

On 29 NOV, cadets and senior members were invited to tour the Elliott Aviation facility at the Quad City International Airport. The tour replaced the normal Tuesday night briefing for the week.

Members of the local government were invited to attend a promotion ceremony for C/Capt. Timothy Ku on 13 DEC. This event was attended by several notable individuals, specifically the mayor of Bettendorf, Iowa, Robert Gallagher.