U.S. CIVIL AIR PATROL

SQUADRON 442

KERRVILLE, TEXAS

MONTHLY NEWS

"ReCAPping what you need to know …. September 2025"

Lt Col John Murray
COMMANDER

1Lt Isaac Real
DEPUTY SQUADRON COMMANDER

2Lt Sarah Crusan
DEPUTY COMMANDER FOR CADETS

Lt Col Bob Hamm
OPERATIONS OFFICER

COMMANDER'S CORNER (John Murray)

It is an honor and a pleasure to take command of TX-442. I thank Mark Del Toro for his tremendous service to the squadron, both as a Cadet Leader and as Commander, and regret that he is no longer a CAP member.

The Squadron financial balance is approximately $9500.00, due to a much-appreciated donation of $6000 by the Kerrville Masonic Lodge, plus monies collected from participation in the Emergency Preparedness Expo on 27 September.

I'm excited to announce that the Squadron is due to receive a new C182T NXI aircraft, N290CP, on/about 4 November 2025.


Masons donate to CAP

Photo by Emily McClure

THE KERRVILLE MASONIC LODGE donated $6,000 last week to the Kerrville Civil Air Patrol. On hand for the check presentation are, from left, CAP Aerospace Education 2Lt. Isaac Real and Mason Billy Steele, Worshipful Master.

As Commander I see our priorities as follows: 1) support our cadet programs, 2) have all members complete Professional Development Level 2, and all pilots/aircrew members qualify in our new aircraft as safely and as soon as practicable.

I appreciate the computer assistance I've received during this transition period; my technical skills do not match that of prior Commanders.

Members should start using their TXWG email addresses for correspondence and get comfortable using Microsoft Teams.

Our annual inventory is due by month's end.

Finally, Squadron members should also start thinking about end-of-year award nominations and plan to attend the December Christmas Party/Squadron meeting.

DATES & EVENTS TO REMEMBER

WHAT	*WHERE*	*WHEN*	*WHO*
Pick Up N290CP	Independence, KS	4 Nov 2025	Tommy Hayes (Primary) Bob Hamm (Back-Up)
TX442 Cadet O-Flights	Kerrville Airport (KERV)	25 October 2025	Orientation Pilots and Cadets
November Squadron Monthly Meeting	Kerrville Airport, FBO + TEAMS	Wednesday 5 October 2025	Squadron members and guests

For additional information on these activities, contact either John Murray 830-285-3248 or Isaac Real 712-259-2965.

PERSONNEL AND ADMINISTRATION (John Murray)

John Murray reported that squadron organizational charts are being updated. We are looking to fill a number of staff positions. Please let John know if you are interested in filling a staff position.

AIRCRAFT MAINTENANCE (Tommy Hayes)

N794CA is still grounded.

Tommy gave a briefing on the CO Guardian systems in CAP G1000 aircraft and a recent requirement for a one-time inspection of all 377 G1000 aircraft in the fleet before next flight. Recent checks have shown that some CAP G1000-equipped aircraft have the CO Guardian Line Replaceable Unit (LRU) disabled, particularly following software updates and refreshes. On G1000 Nav III aircraft, check the LRU list on the AUX – SYSTEM STATUS page where the CO Guardian will show a green check if enabled. On G1000 NXi aircraft, check the Airframe list under AUX – SYSTEM STATUS where the CO Guardian will display as "installed" if enabled.

Pilot	Quals	Aircraft	Needs	Remarks
Black	CFI	C172/C182G1000	Annual Form 5	Inactive
Larson	TMP/Orientation/CFII	C172G1000	C182/G1000 Form 5	Active
Murray	MP/Orientation	C172/C182 G1000	C182/G1000 Form 5	Active
Real	TMP	C172G1000	C182/G1000 Form 5	Active
Kasatini	CFII	NA	Initial Form 5	Active CAP/Pilot Onboarding
Stearns	CFI	NA	Initial Form 5	Active/Pilot Onboarding
Boots	CFII	NA	Initial Form 5	Potential CAP/Pilot Onbording
King	MP/Orientation	C172/C182G1000		Active 2/28/2026
Hamm	MP/Orientation	C172/C182G1000		Active 5/31/2026
Hayes	MP/Orientation	C172/C182G1000		Active 5/31/2026

OPERATIONS/EMERGENCY SERVICES (Bob Hamm)

Squadron pilots and crews flew a total of 6.2 Hobbs Hours in September. The lack of serviceable aircraft in Group V and a CAP Qualified Instructor Pilot in the Squadron continues to hamper operations. Group V is aware of our pilot onboarding and upgrade backlog. The Squadron will receive a new C182T o/a 4 November. Tommy Hayes has agreed to pick up N290CP in Independence,

KS. Bob Hamm will be the backup pilot. In the meantime, TXWG will place N98463, a C172P at KERV. The plane is currently undergoing a 100-hour inspection at Wolfe Avionics here at KERV.

Cadet O Rides are scheduled for Saturday 25 October. We need names, weights, CAPID and syllabus as soon as practical. Hopefully, N98463 will be out of 100-hour by 25 October, if not, Group V has offered to help out with planes. Additionally, our pilots may be asked to support O Flights at other Group V locations in October, primarily in Del Rio.

We continue to lose experienced pilots. John Murray and Isaac Real will meet with pilots participating in the Aviation Program at Schriener University on 8 October at 10:00, in an effort to increase the number of pilots in TX-442. We've met with two SU instructors interested in joining CAP.

Many thanks to those that participated in the Kerr County Emergency Preparedness Expo, at the Hill Country Youth Event Center in Kerrville, on Saturday 27 September. Members educated the public and raised awareness of CAP and TX-442 emergency services capabilities. Members also raised funds to support Cadet activities through WAA and a raffle.

Speaking of fund raising, the Kerrville Masonic Lodge donated $6,000.00 to our squadron to support Cadet programs i.e., simulators, drones, emergency services equipment, encampments and much more.

CADETS (Sarah Crusan)

Sarah reports that we have 28 cadets in the squadron. Six cadets recently attended Airman Leadership School (ALS) and did very well. The cadets have proudly provided a number of honor guards this month with more scheduled for November, including Veterans Day. Our cadets continue to work toward sUAS certification. A number of cadets will attend Cadet Training and Education Program (CTEP) 18 – 19 October. Cadets will work alongside senior members to sell wreaths during a fund raising event at the VA Car Show on 8 November. The cadets are looking forward to an upcoming trip to the USS Lexington 22-23 November.

AEROSPACE EDUCATION (Isaac Real)

Isaac reports that end of year reporting is completed. We have received our next STEM Kit. Cadets will build model bridges and test the strength of the bridges in the coming months.

SAFETY (Tom King)

Tom King presented an in-depth briefing on "Flying Glass in General Aviation and Civil Air Patrol Aircraft." The briefing presented the advantages and possible pitfalls of "glass cockpits" such as the Garmin G1000 system. Advantages include traffic and collision awareness, ground proximity warning, updated weather, GPS with moving maps, search and rescue packages, and automation. However, potential pitfalls can include battery life, over-whelming, situational awareness, differences between analog and glass can be troublesome, incorrect procedure response, as well as over and under and reliance. Tom also mentioned challenges related to "buttonology" and the possibility of becoming fixated inside the cockpit when we should be looking outside. Finally, Tom presented questions to ask when failures occur. For example, 1) Can I fix it? 2) How is flight information affected? 3) How is navigation affected? 4) How is the ability to communicate affected? 5) How is the autopilot affected? 6) Is the failed unit required for continued flight?



Remember that TXWG mandates that all members must participate in the monthly safety briefing prior to participation in any squadron activity including air operations. This participation must be documented. Your signing in at the monthly squadron meeting completes this requirement. You need no more safety briefing for this month. If you cannot attend a particular monthly meeting, respond "RECEIVED" to the e-mail to which the monthly newsletter is attached. And you'll get credit for the safety briefing.