



U.S. CIVIL AIR PATROL
SQUADRON 442
KERRVILLE, TEXAS

MONTHLY NEWS

“ReCAPping what you need to know ... June 2024”

Maj THOMAS KING CAP
SQUADRON COMMANDER

Maj GEORGE OTTO CAP
ADVISOR TO THE COMMANDER

LTC JOHN MURRAY CAP
DEPUTY SQUADRON COMMANDER

1st Lt MARK DEL TORO CAP
DEPUTY COMMANDER FOR CADETS

Capt DIANN BLACK CAP
ADMINISTRATION OFFICER

SM Dan English CAP
SAFETY OFFICER

COMMANDER’S CORNER (Tom King)

Tom welcomed those in attendance at last night’s monthly squadron meeting. The meeting included visitors Marc Grant and Ed Stearns. Ed is a very active and highly experienced pilot, including a career in the Marines. Marc is a ham radio operator with interest in aviation. This next squadron monthly meeting is scheduled tentatively for Wednesday, 3 July 2024 and will be conducted both in-person and via Zoom. “Tentatively” because this is the day before 4 July holiday. Do you want to meet that Wednesday anyway? Or have the meeting on Wednesday, 10 July.

DATES & EVENTS TO REMEMBER

WHAT	WHERE	WHEN	WHO
June ES / SAREX	Kerrville Airport (KERV)	Throughout the month	ES-Qualified members
Squadron SUI	Kerrville Airport (KERV)	19 June 2024	Squadron staff officers
Squadron Monthly Meeting	KERV Conference Rm + Zoom	Wednesday, 3 July 2024	Squadron members and guests

For additional information on these activities, contact either Tom King (210-467-7678) or John Murray (830-285-3248).

ADMINISTRATION (Roberta Himebrook)

Tom discussed again the Subordinate Unit Inspection (SUI) scheduled for 19 June 2024 for our squadron. An SUI is conducted by the Wing Inspector General and his team. Our last SUI was in August of 2022. A squadron-level SUI consists of reviews and evaluations of Administration, Aerospace Education, Cadets, Command, Finance, Personnel, Professional Development, Public Safety, Safety, Supplies and Transportation. We’ll need to have uploaded section questionnaires as well as supporting documents into eServices no later than 9 June 2024 for this SUI. We’re almost to the point of uploading the materials that each “section chief” has been collecting. “Thank you” to each one of you; this has been a lot of work!

Kerr County is planning an Emergency Preparedness Expo for 31 August 2024. The Expo will be held at the Happy State Bank Expo Hall on Hwy 27 from 0900 to 1600l. We have been invited to participate (at no cost); this is a very good opportunity to showcase our value to emergency services in the city and county and to strengthen our relationship with the county’s emergency management team. We will plan to set up a table with TX-442 poster and need as many squadron members to help out as possible at different times that day. More to come

OPERATIONS/EMERGENCY SERVICES (Tom King for Bob Hamm)



Tom King and Chris Spradley (San Antonio) will fly N794CA down to Corpus Christi International Airport (KCRP) in support of the Counter Drug / Padre Island National Seashore (PINS) exercise Thursday, 6 June 2024. Bob Hamm and Tom King will fly the same mission 24 May.

Bob will work with Marquel McNeill to set up cadet orientation flights (O-flights) at some point later in June.

This month’s SAREX exercise is “squadron-led”. Pilots and air crew should contact one another to design and implement sorties.

We (TX-442) have offered to host the Wing-Led SAREX 27 July 2024. George Otto has agreed to serve as exercise Incident Commander (IC); Bob and Tom are beginning plans for the exercise.

AIRCRAFT MAINTENANCE (Tommy Hayes)

Tommy provided the following data concerning the squadron airplane (N794CA). The airplane was flown a total of 9.3 hours = Hobbs) / 7.5 hours = tach during the month of April. The airplane has a total of 152.6 hours = Hobbs for Fiscal Year 2024. Tommy described a previously reported, intermittent problem with the G1000. The G1000/engine/electrical system at times shows multiple red “Xs”. In fact, the airplane had been grounded at Lone Star Executive Airport (KCXO) when this problem appeared yet again. The problem was addressed at an avionics shop at KCXO but we’re not sure if the

problem remains, or not. Tommy has contacted Fry Avionics (formerly Gulf Avionics) at KERV to address the problem. Scott has also noted that we continue to have problems with the aircraft's TDFM radio.

CADETS (Mark Del Toro)



The cadet squadron meets each Monday evening at the Ingram HS. The cadet squadron continues to be very active. The cadets will provide Color Guards at two events later this month.

Scott Purdy worked this month with the cadets on the CAP-provided STEM kit activity called "Snaptricity". With the Snaptricity STEM Kits, cadets use hands-on activities to explore how electricity and magnetism is used in daily items. Using the kit, the cadets demonstrate the workings of magnetic fields, electricity, parallel circuits, and switches. The photo on the left shows Scott working with two of our cadets on one of these "Snaptricity" STEM kits. Groups of two cadets, one of which is shown in this phot, each had a kit.

If you have any interest in participating on any of these cadet activities (or other cadet activities), please contact Mark Del Toro, Deputy Commander for Cadets. Your participation would be greatly appreciated!

SAFETY (Dan English)

Dan discussed "Hot Weather Injuries".

Exposure to abnormal or prolonged amounts of heat and humidity without relief or adequate fluid intake can cause various types of heat-related illness. Children and teens with chronic health problems, or those who take certain medicines, may be more susceptible to heat-related illnesses.

Heat cramps are the mildest form of heat illness and consist of painful muscle cramps and spasms that occur during or after intense exercise and sweating in high heat. Heat exhaustion is more severe than heat cramps and results from a loss of water and salt in the body. It occurs in conditions of extreme heat and excessive sweating without adequate fluid and salt replacement. Heat exhaustion occurs when the body is unable to cool itself properly and, if left untreated, can progress to heat stroke. Heat stroke, the most severe form of heat illness, occurs when the body's heat-regulating system is overwhelmed by excessive heat. It is a life-threatening emergency and requires immediate medical attention.

If heat exhaustion isn't treated, it can lead to heatstroke. Heatstroke is a life-threatening condition. It happens when your core body temperature reaches 104 F (40 C) or higher. Heatstroke needs immediate medical attention to prevent permanent damage to your brain and other vital organs that can result in death.

Some general guidelines to help protect yourself from heat-related illnesses include the following:

- Drink plenty of fluids during vigorous or outdoor activities (including sunbathing), especially on hot days. Drinks of choice include water and sports drinks; avoid alcohol and fluids with caffeine, such as tea, coffee, and cola, as these can lead to dehydration.
- Make sure your child dresses in light colored, lightweight, tightly-woven, loose-fitting clothing on hot days.
- Schedule vigorous activity and sports for cooler times of the day. Take rest periods in shady or cool areas.

Take the following steps to treat a worker with heat stroke: Call 911 for emergency medical care. Stay with the worker until emergency medical services arrive. Move the worker to a shaded, cool area and remove outer clothing. Cool the worker quickly, using the following methods: With a cold water or ice bath, if possible. Wet the skin. Place cold wet clothes on the skin. Soak clothing with cool water. Circulate the air around the worker to speed cooling. Place cold wet clothes or ice on the head, neck, armpits, and groin; or soak the clothing with cool water.

Treat a worker who has heat exhaustion by doing the following: Take worker to a clinic or emergency room for medical evaluation and treatment. Call 911 if medical care is unavailable. Have someone stay with the worker until help arrives. Remove the worker from the hot area and give liquids to drink. Remove unnecessary clothing, including shoes and socks. Cool the worker with cold compresses or have the worker wash their head, face, and neck with cold water. Encourage frequent sips of cool water.

We have really hot and humid summers in south Texas; be careful with high temperatures!

HEAT EXHAUSTION OR HEAT STROKE

Faint or dizzy ————— Throbbing headache

Excessive sweating ————— No sweating

Cool, pale, clammy skin ————— Body temperature above 103°
Red, hot, dry skin

Nausea or vomiting ————— Nausea or vomiting

Rapid, weak pulse ————— Rapid, strong pulse

Muscle cramps ————— May lose consciousness

CALL 9-1-1

• Get to a cooler, air conditioned place

• Drink water if fully conscious

• Take a cool shower or use cold compresses

• Take immediate action to cool the person until help arrives

Weather.gov/socialmedia
Weather.gov/heat

@SacramentoOES
SacramentoReady.org



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.