



CIVIL AIR PATROL ALABAMA WING  
UNITED STATES AIR FORCE AUXILIARY  
Maxwell AFB, Alabama

23 October 2019

MEMORANDUM FOR CIVIL AIR PATROL MEMBERS  
SUBJECT: 2020 NESAsatellite Southeast (formerly WESS)  
FROM: Activity Director

1. The Wing Emergency Services School (WESS) is now part of the National Emergency Services Academy and will be known as NESAsatellite Southeast (NSSE). The 2020 training cycle begins in January 2020. This will begin a training program for senior members and cadets based on the National Emergency Services Curriculum, a task-based training program that stresses practical skills.
2. The activity dates are as follows:  
13-15 December 2019 - Staff Training  
10-12 January 2020 - NSSE 20-01  
07-09 February 2020 - NSSE 20-02  
13-15 March 2020 - NSSE 20-03  
17-19 April 2020 - NSSE 20-04  
08-10 May 2020 - NSSE 20-05 and Graduation
3. The training is provided by National Emergency Services Academy staff and prior NSSE (WESS) graduates.
4. NSSE Training is based at the Vigilant Warrior OTS Training site in Titus, Alabama. All participants will stay at Vigilant Warrior unless arrangements are made with the Activity Director. Directions to the training site can be found under the Documents section of [southeastnesa.cap.gov](http://southeastnesa.cap.gov).
5. Details for each weekend will be provided no later than two weeks prior to each training weekend. Generally, weekends begin at 1800 on Friday, and end at 1230 on Sunday. The last event will close with NSSE Graduation, which will conclude at 1400.
6. Although we work in the field, this is not a "boot camp" atmosphere; we stress a program of teamwork and task completion.
7. The NSSE offers coursework for Ground Search And Rescue (GSAR), Mission Aircrew, Wilderness Advanced First Aid, and Unmanned Aerial Systems. Details are available at [southeastnesa.cap.gov](http://southeastnesa.cap.gov).
8. All NSSE Courses are open to both senior and cadet members. Age restriction may apply and are listed under each course.
9. GSAR School participants are divided into courses depending on the level of experience or the ratings of the members participating.
  - a. Basic GSAR is for cadets and senior members who have not attained any ground team qualifications:
    - i. When Basic students complete the training, they will have passed all the tasks necessary to become a qualified Ground Team Member (GTM-3) in accordance with CAPR 60-3 *Emergency Services*.

- ii. The Basic school curriculum is based on the Basic school of the National Emergency Services Academy.
      - iii. **Preregistration is required for the BGSAR course. Members can register online by clicking the Registration Link at [southeastnesa.cap.gov](http://southeastnesa.cap.gov).**
    - b. Advanced GSAR course will teach the skill necessary to become Advanced Ground Team members.
      - i. When Advanced students complete the training, they will have passed all tasks up to and including the GTM-2 and GTM-1 in accordance with CAPR 60-3 *Emergency Services*.
      - ii. Course participants must have already qualified as GTM-3 in Ops/Quals (EServices).
      - iii. **Preregistration is required for the AGSAR course. Members can register online by clicking the Registration Link at [southeastnesa.cap.gov](http://southeastnesa.cap.gov).**
    - c. Ground Team Leader course will teach the skills necessary to become Ground Team Leaders.
      - i. On completion of this school, students will have passed all the GTM-2, GTM-1 and GTL tasks in accordance with CAPR 60-3 *Emergency Services*.
      - ii. Team Leader students will interact with Basic students and will have continuous opportunity to lead their own teams in the field.
      - iii. The Team Leader curriculum is based on the Team Leader School of the National Emergency Services Academy.
      - iv. Course participants must have already qualified as GTM-3 in Ops/Quals (EServices).
      - v. Team Leader school participants must be at least 18 years of age at the beginning of the first event in January.
      - vi. **Preregistration is required for the Ground Team Leader course. Members can register online by clicking the Registration Link at [southeastnesa.cap.gov](http://southeastnesa.cap.gov).**
10. The Mission Aircrew School participants are divided into courses depending on the level of experience or the ratings of the members participating.
- a. The Mission Scanner Course is for members who are beginning their aircrew training. **MS is the core skill set for all other aircrew positions and is pre-requisite for the other aircrew courses.**
    - i. Upon completion of this track, trainees will be awarded the Mission Scanner qualification in accordance with CAPR 60-3 *Emergency Services*.
    - ii. Mission Scanner curriculum will be task based on the Mission Aircrew Task Guide.
    - iii. Course participants must be 18 years old at the beginning of the first event in January.
  - b. The Mission Observer / Mission Pilot Course is for members who are already qualified as Mission Scanners.
    - i. Upon completion of this track, trainees will be awarded the Mission Observer or the Mission Pilot qualification in accordance with CAPR 60-3 *Emergency Services*.
    - ii. Training in the MO/MP track will be based on the Mission Aircrew Task Guide.
    - iii. Mission Pilot trainees should already have a current CAPF 5, be TMP qualified, and have 175 hours of PIC time.
  - c. The Aerial Photographer Course is for members who are already qualified as Mission Scanners.
    - i. Upon completion of this track, trainees will be awarded the Aerial Photography qualification in accordance with CAPR 60-3 *Emergency Services*.
    - ii. Training in the AP track will be based on the Aerial Photography Task Guide.
    - iii. AP trainees should already be rated as a Mission Scanner
  - d. **Preregistration is required for the Mission Aircrew courses. Members can register online by clicking the Registration Link at [southeastnesa.cap.gov](http://southeastnesa.cap.gov)**
11. The Wilderness Advanced First Aid Course will provide a strong background useful in search-and-rescue, lifeguard, fire service, sports medicine, ski patrol, medical facilities and in preparation for an EMT course.
- a. No state licensing is involved with this course; those who complete the course will receive a card of completion.
  - b. The course is based on the Emergency Care and Safety Institute's Wilderness Advanced First Aid curriculum and will be taught by licensed nurses or paramedics.

- c. Course participants must be 15 years old and qualified GTM3 in Ops/Quals (Eservices).
  - d. **Preregistration is required for the Wafa course. Members can register online by clicking the Registration Link at [southeastnesa.cap.gov](http://southeastnesa.cap.gov)**
- 12. The Small Unmanned Aerial Systems (sUAS) Course will prepare a member, with no previous small unmanned aerial system (sUAS) experience, to pass the FAA Part 107 Remote Pilot Certificate examination and have the basic skills to pass both a Form 5U Flight Examination and a Form 91U Mission Pilot Flight Examination using simple rotary wing sUAS. This course also provides an introduction into the imagery processing software and processes to generate an image that can be used in basic GIS platforms.
  - a. For those with no desire to be an sUAS Pilot, this course also prepares the member to qualify as an sUAS Technician in the CAP system.
  - b. Upon completion of this course, the member will have fully completed the requirements for a Form 5U Check Ride, and the sUAS Technician.
  - c. Most of the skills necessary to complete the sUAS Mission Pilot SQTR will also have been completed.
  - d. Course participants must be 16 years old at the beginning of the first event in January.
  - e. **Preregistration is required for the sUAS course. Members can register online by clicking the Registration Link at [southeastnesa.cap.gov](http://southeastnesa.cap.gov).**
- 13. NSSE Requirements are as follows:
  - a. All participants must be cadets (C/Amn per a change in CAPR 60-3) or senior members in good standing.
  - b. Members beginning ES training must complete General Emergency Services prior to NSSE
  - c. CPPT required for applicable members
  - d. All participants must bring a completed and signed NSSE Medical Form (available in the Documents section of the NSSE website) to the first event.
- 14. Those attending NSSE must preregister for their courses. Members can register online by clicking the Registration Link at [southeastnesa.cap.gov](http://southeastnesa.cap.gov).
- 15. **All interested staff members should view and complete the online Staff Survey by clicking the Registration button at [southeastnesa.cap.gov](http://southeastnesa.cap.gov).** Staff members are expected to attend all NSSE training events.
  - a. All GSAR staff members must be at least a rated GTM-2 and be either a NESA graduate or a graduate of a previous NSSE (WESS) cycle.
  - b. All NSSE staff will be selected by the Activity Director and School Lead based on qualifications
  - c. Wafa course staff will be coordinated by the Wafa Lead using outside subject matter experts.
  - d. All staff applications must be received by 25 November. Staff slotting will be released on 27 November on the NSSE site.
- 16. There is a fee for all participants. This money is used to provide all the training materials for the participants. This fee covers the entire cycle and is due at the January event.
  - a. \$25 activity fee for all GSAR, MAS, MRO, or sUAS student participants.
  - b. \$80 fee for Wilderness Advanced First Aid Course students.
  - c. Checks made out to "Civil Air Patrol" are preferred; exact cash is also accepted. Receipts will be issued to each participant.
- 17. Units that provide corporate air and ground vehicles for the activity will be funded under the AFAM number. In order to be eligible for reimbursement, resources must be coordinated with the activity's finance chief in advance and must be left for use at the activity. Reimbursement procedures will be provided by NSSE staff.
- 18. Detailed information on the NESA Satellite program can be found at [southeastnesa.cap.gov](http://southeastnesa.cap.gov).

19. If there are any questions, please contact either me ([mlong@nesa.cap.gov](mailto:mlong@nesa.cap.gov)), or the NSSE Deputy Director, Lt Col Tom Berg ([thomas.berg@mariettacap.org](mailto:thomas.berg@mariettacap.org))

Michael Long, Lt Col  
Activity Director

## 2020 Field Training Required Equipment List

There is generally concern over the amount of equipment that must be purchased in order to participate. The following is a list of equipment that is the necessary to participate in the training. At some point during the training cycle, each individual in GSAR training must have all the equipment listed in task O-0001 in order to complete the task. However, not all the task equipment is required up front. We attempt to curtail the amount of equipment that is required to participate in the first few weekends. Most of this equipment can be purchased relatively inexpensively at discount stores or military surplus depots.

GSAR Courses	Aircrew Course	Wilderness Advanced FA Course	Small Unmanned Aerial Systems
<ul style="list-style-type: none"> <li>• 1 complete utility uniform (ABUs, BDUs, Blue Utility Uniform), including all required name tapes and patches, cutouts, and grade insignia in accordance with CAPM 39-1</li> <li>• This includes shirt, trousers, combat boots (well broken in) and uniform-appropriate belt.</li> <li>• Uniform cap (only ABU cap and the black NESA cap is authorized for the ABU uniform)</li> <li>• Coat appropriate for climate (mandatory for cold weather weekends).</li> <li>• Underclothes and socks sufficient for three days.</li> <li>• Toilet kit to include soap &amp; toothbrush (in cases), toothpaste, deodorant, shampoo, comb/brush. As needed items include: razor and shaving cream, feminine hygiene items, other items as necessary for three days.</li> <li>• At least two quarts of water (carried in canteens or use a hydration pack).</li> <li>• International orange reflective vest.</li> <li>• Pocket knife.</li> <li>• Whistle</li> <li>• Wet weather clothing (poncho, rain parka, or raincoat)</li> <li>• Flashlight (With Red Lens)</li> <li>• Pocket notepad (3" x 5"), pen and pencil.</li> <li>• Inexpensive wristwatch.</li> <li>• Shelter building material (approx. 8' x 10' tarp or military poncho).</li> <li>• Food for two days</li> <li>• Sleeping bag, bedroll or poncho liner</li> <li>• Compass (Lensatic type for Basic GSAR, Orienteering type for Advanced GSAR)</li> <li>• One pair clear plastic safety glasses</li> <li>• One pair leather work gloves</li> <li>• Backpack to carry gear to the field.</li>   <li>• GTL students will receive additional equipment requirements prior to first WESS weekend.</li> </ul>	<ul style="list-style-type: none"> <li>• Complete Utility Uniform (ABUs, BDUs, Blue Utility Uniform, USAF Style Flight Suit, or CAP Blue Flight Suit) including head gear, all required name tapes and patches, cutouts, and grade insignia in accordance with CAPM 39-1. (Golf Shirt &amp; Grey Slacks combination is not authorized.)</li> <li>• Uniform cap (only ABU cap and the black NESA cap is authorized for the ABU uniform)</li> <li>• Underclothes and socks sufficient for three days</li> <li>• Outerwear Clothing and footwear appropriate for spending many hours outdoors in prevailing seasonal weather conditions.</li> <li>• Toiletry/Shower Kit: Toothbrush (in cases), Toothpaste, Razor and Shaving Cream (as necessary), Comb or Brush (as necessary), items of feminine hygiene (as necessary), Deodorant or antiperspirant, Soap, Shampoo, Towel other items as necessary (enough to last you for your entire stay).</li> <li>• 2 Breakfast Meals (Minimal preparation needed. No open flames are allowed at WESS facilities, but there is electricity for small teapots, etc)</li> <li>• \$5 cash for lunch</li> <li>• Atlanta, Memphis, &amp; New Orleans VFR Sectional Charts. Need not be current (<u>actual paper charts required</u> i.e. not electronic, not on iPad, etc)</li> <li>• Sectional Plotter</li> <li>• General Aviation Headset</li> <li>• Kneeboard / Cockpit Organizer Highly Recommended</li> <li>• Pens, Pencil, Notebook/pad</li> <li>• Flashlight (preferably hands free / head-mounted)</li> <li>• Sleeping bag &amp; Pillow</li> <li>• Refillable water bottle</li> </ul>	<ul style="list-style-type: none"> <li>• 1 complete utility uniform (ABUs, BDUs, Blue Utility Uniform), including all required name tapes and patches, cutouts, and grade insignia in accordance with CAPM 39-1</li> <li>• Uniform cap (only ABU cap and the black NESA cap is authorized for the ABU uniform)</li> <li>• Combat boots, at least one pair (well broken in)</li> <li>• Blue belt w/subdued tip and buckle for wear w/ ABU or BDUs</li> <li>• Coat appropriate for climate</li> <li>• Underclothes and socks sufficient for three days</li> <li>• Toilet kit, including: soap &amp; toothbrush (in cases), toothpaste, razor and shaving cream (as necessary), comb or brush (as necessary), items of feminine hygiene (as necessary), deodorant or antiperspirant, shampoo, other items as necessary (enough to last you for your entire stay).</li> <li>• At least two quarts of water (in canteens or hydration pack)</li> <li>• International orange reflective vest</li> <li>• Pocket knife and whistle</li> <li>• Poncho or raincoat appropriate for wet weather</li> <li>• Flashlight (With Red Lens)</li> <li>• Pocket note pad (3" x 5"), pen and pencil.</li> <li>• Inexpensive wristwatch.</li> <li>• Shelter material, preferably 8'x 10' (spare military poncho meets the need).</li> <li>• Food for two days</li> <li>• Sleeping bag, bedroll or poncho liner</li> <li>• One pair clear plastic safety glasses</li> <li>• One pair leather work gloves</li> <li>• Practice Kit Enclosed in Ziplock bag – Once roll 2 or 3-inch gauze, 1 roll bandage tape, 4X4 gauze, moleskin, splinting material</li> </ul>	<ul style="list-style-type: none"> <li>• 1 complete utility uniform (ABUs, BDUs, Blue Utility Uniform), including all required name tapes and patches, cutouts, and grade insignia in accordance with CAPM 39-1</li> <li>• Uniform cap (only ABU cap and the black NESA cap is authorized for the ABU uniform)</li> <li>• Combat boots, at least one pair (well broken in)</li> <li>• Blue belt w/subdued tip and buckle for wear w/ ABU or BDUs</li> <li>• Coat appropriate for climate</li> <li>• Underclothes and socks sufficient for three days</li> <li>• Toilet kit, including: soap &amp; toothbrush (in cases), toothpaste, razor and shaving cream (as necessary), comb or brush (as necessary), items of feminine hygiene (as necessary), deodorant or antiperspirant, shampoo, other items as necessary (enough to last you for your entire stay).</li> <li>• At least two quarts of water (in canteens or hydration pack)</li> <li>• International orange reflective vest</li> <li>• Pocket knife and whistle</li> <li>• Poncho or raincoat appropriate for wet weather</li> <li>• Flashlight (With Red Lens)</li> <li>• Pocket note pad (3" x 5"), pen and pencil.</li> <li>• Inexpensive wristwatch.</li> <li>• Food for two days</li> <li>• One pair clear plastic safety glasses</li> <li>• One pair leather work gloves</li> <li>• Smart Phone (Android or IOS)</li> <li>• Personal laptop highly recommended</li> </ul>

