



COME FLY WITH ME!

*Presented for: Stateline Nurses Network
And the Nurses Expo 2025*

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Disclosure Slide:

- *No financial interest or affiliation concerning material discussed in this presentation*
 - *Not an employee of an Ineligible Company*





Objectives:

- Audience members will be able to state current recommendations for qualifications for flight nurses.
- Audience members will be able to list at least 3 technology advancements, safety awareness initiatives, or training to implement better safety.
- Audience members will be able to list at least 3 stressors affecting a mission that may affect burnout and how to combat them.



My Road to Flight Nursing

- <insert song: the long and winding road> ...do not sing- they will boo you off stage before you even start
- BSPH → CNA in ACC → RN on OOU → RN in ACC → BSN CCRN → Flight Nurse →



Requirements:

- 3-5 years in ICU or ED
- BSN or ADN (BSN preferred)
- Certs – CCRN, CEN, CTRN
- Courses - PALS, ACLS, BLS
- Pass written exam



Apply & Interview

- Making yourself the best candidate possible
- Sell yourself
- Testing (written)
- Panel interview
- Simulations



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Post Acceptance Job Requirements

- National Incident Management System (NIMS 100 & 200)
- FAA education (annual)
- HROB
- ACLS, BLS, PALS, NRP
- Advanced Trauma Class
- CFRN
- Simulations
- Advanced airway classes
- Continuing Education:
 - Monthly assigned education
 - Additional certs (neuro, cardiovascular, burn)



CAMTS accreditation

- Like JAHCO but for medical transport
 - Set up standards for HEMS programs – including education, credentials for clinicians, operations, ect.
 - CAMTS standards 12th Ed.:
“03.05.03 f. Current transport specific nursing certification (CFRN or CTRN) pertinent to the scope of care and patient population (such as C-NPT for team that transport neonatal or pediatric patients) required for nurses who have been employed for more than 2 years”

CAMTS 12th Edition Standards. Commission on Accreditation of Medical Transport Systems (2022) October 2022.



Image retrieved from: (3/30/2025) <https://www.camts.org/>



Image retrieved from: (3/30/2025) <https://www.flightforlife.org/about-us/camts/>





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A (Work) Day In The Life

- 12 hr (Days or Noc)
- 24 hr (0700-0700 or reverse)
- Shift Brief at 0830 and 2030



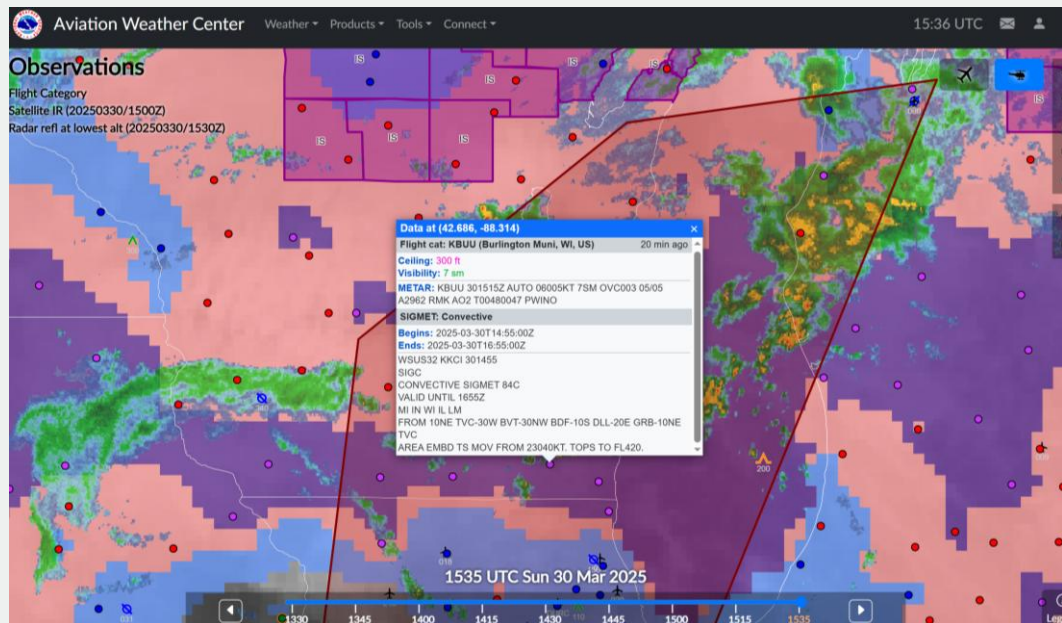


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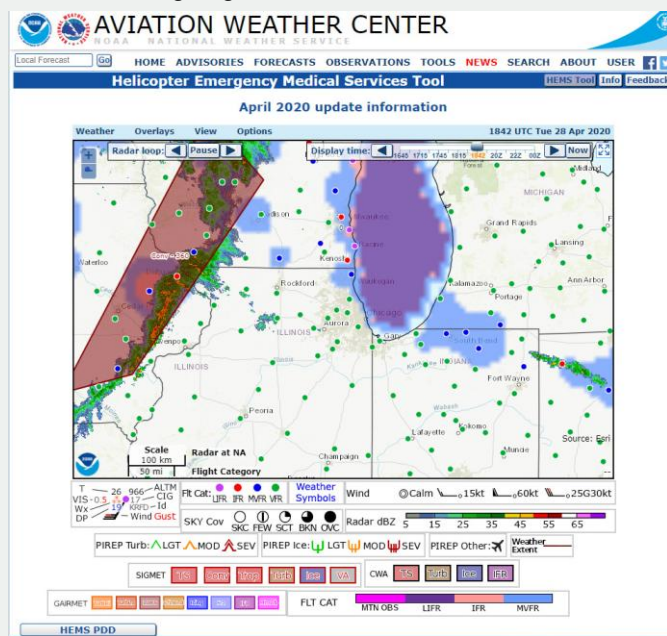


Image retrieved from: (3/30/2025) https://www.aopa.org/-/media/Images/AOPA-Main/News-and-Media/2020/April/0428_hems_tool.jpg?mw=1200&mh=675&as=1&hash=8BAC9ABFE378A29D94F0940DF61E84A6

Weather!!!!.....!!!!!!

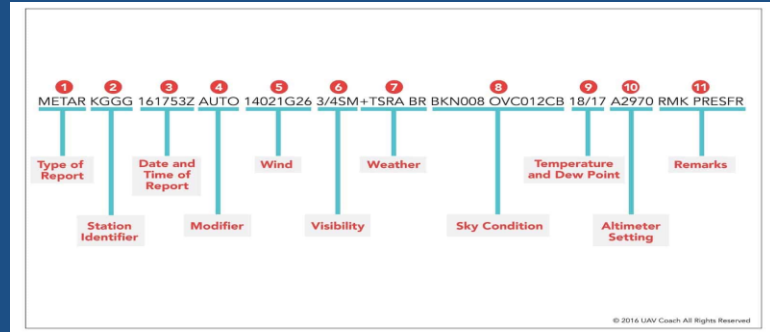


Image retrieved from: (3/30/2025) <https://www.dronepilotgroundschool.com/reading-aviation-routine-weather-metar-report/>

Current - currently
Future – throughout day/night
Winds
Outside service area
Green-Yellow-Red
Sanchez, Gustavo et al. results showed significant decrease in HAA from 2010-2015 to 2016-2021



So What's All Inside That Thing?



Special Patient Populations

- CW Transport



- IABP



- ECMO



- Impella



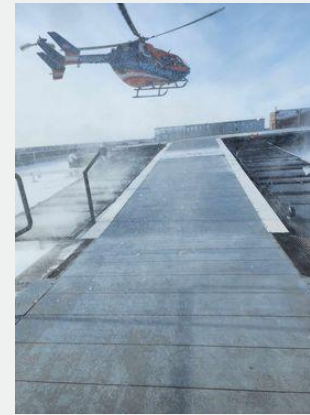
TONES DROP!!!!

- Time to go!!
- General goal = Skids up in 10 mins → Factors affecting



Interfacility

- ~80% of call volume
- Types -
- Considerations:
 - What to bring in with you
 - How long will you potentially be at the bedside

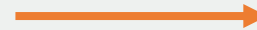


Scene Call

- ~ 20% of call volume – higher in warmer months
- Factors affecting HEMS scene calls
 - Scene set up
 - Safety
 - Stay & Play vs. Turn & Burn



Run Through A Scene Call – What could go wrong?



Charting....

Cause if you didn't chart it....it didn't happen

Also, post mission debrief needs to be completed



Retrieved image from: (2025) <https://www.gebauer.com/hubfs/make-medical-charting-easier.jpg>

- Charting
 - Difficult to impossible to do at the time delivering care
 - Most often done after completion of the mission
 - More difficult when having back to back missions
- Mission debrief is essential
 - Should happen directly post mission
 - Usually very informal
 - Everyone has a voice
 - If difficult call-may need a peer to peer
 - Maloney et. al informal may attenuate impact of work related stressors



References

- CAMTS 12th Edition Standards. Commission on Accreditation of Medical Transport Systems (2022) October 2022.
- Maloney, Lauren M. et al. (2024) Informal Peer Support and Intentional Acts of Kindness May Attenuate the Impact of Work-Related Stressors on Compassion Satisfaction, Secondary Traumatic Stress, and Burnout of Emergency Medical Services Clinicians. *Air Medical Journal*, 43(4), 333 - 339
- Sanchez, Gustavo et al. (2024) Analysis of Helicopter Air Ambulance Accidents in the United States From 2010 to 2021. *Air Medical Journal*, 43(6), 499 - 507



Question(s)...

