

# Flight Nursing: Critical Care Transport





**KR14**

# Lindsay Salce, APRN, MSN, CEN, CFRN

- UK ER Staff Nurse, Relief Charge Nurse 2008-2013
- Air Methods Flight Nurse 2013-2017
- UK ER Nurse Practitioner 2016-Present
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# Lindsay Education/Certifications

- Bachelor's of Science in Nursing, Rush University 2008
- Master's of Science in Nursing, FNP, Walden University 2016
- Advanced Cardiac Life Support/Instructor
- Pediatric Advanced Life Support/Instructor
- Trauma Nurse Core Curriculum
- Emergency Nurse Pediatric Course
- Neonatal Resuscitation Provider
- Certified Emergency Nurse
- Certified Flight Registered Nurse

# Tony Harrison, RN, CEN, CCRN, CFRN

- UK Hospital
- LifeNet Flight Nurse 2003-2007
- Scott County Board of Education Nurse Manager 2008-2010
- Air Methods Corporation Flight Nurse and Clinical Educator 2010-2016
- PHI Air Medical Flight Nurse 2016-Present
- Cabinet For Families and Children Kentucky 1995-2016

# Tony Education/Certifications

- Eastern Kentucky University AD in Nursing 1990
- Advanced Medical Life Support
- Pre-hospital Emergency Provider/Instructor
- Pediatric Advanced Life Support/Instructor
- Advanced Cardiac Life Support/Instructor
- Intra-aortic Balloon Pump Certified
- Pre-hospital Trauma Life Support Provider/Instructor
- Pediatric Abuse Head Trauma/Instructor
- Basic Life Support/Instructor
- Neonatal Resuscitation Provider
- Certified Flight Registered Nurse
- Certified Emergency Nurse
- Certified Critical Care Nurse

# Job requirements

- **Minimum 3 years recent critical care/emergency nursing experience within the past 5 years**
- **Pre-hospital experience preferred**
- **Flight experience preferred**
- **Current RN license(s) for states of practice**
- **EMS or MICN certification/licensure as required by state regulations**
- **Current certifications in Healthcare Provider BLS/CPR; ACLS; PALS and TNCC/ITLS/PHTLS advanced provider**
- **Specialty certification (CFRN, CCRN, or CEN) are required within two years of hire**
- **Advanced Trauma Course requirement: 1 of the following certifications are acceptable: TNCC, ATLS/ATCN, TNATC or CAMTS-approved advanced trauma course prior to completion of third-rider orientation**
- **NRP certification prior to completion of third-rider orientation**
- **NIMS Training IS 100, 200, 700, 800 and HazMat upon hire**

# Scheduling

- 24 hour shifts
- Rotations may vary (every third day, 24 on/24 off/24 on/5 days off)
- Monthly base meetings
- Quarterly training
- Company-wide staff meetings
- Peer evaluations



# Crew Members

- Pilot- most often military trained, extensive flight hours, may or may not have any medical knowledge
- Paramedic- prehospital experience, airway management, stabilization, immobilization
- Nurse- inpatient experience, medication knowledge, laboratory interpretation, management of invasive lines/monitoring

# Safety

- 24 hour shifts, multiple flights
- Night vision goggles
- Training, 3<sup>rd</sup> rider orientation
- Flight suit, helmet
- Flight crew weight limits
- Night flights
- Weather, visibility, fog





# A day in the life of...

8am- Shift change, weather briefing

Narcotic exchange

Blood product verification

Aircraft/radio check

Modules/Online training

Base chores

Lunch

Dinner

8pm- Pilot shift change

Bedtime

# Air Transport Uses

- Life or limb threatening illness/injury
- STEMI
- Trauma
- CVA
- AAA
- Airway management/RSI
- Ventilator management
- 7 minute response time, 10 minute at night
- 50 mile radius
- Decrease out-of-hospital time
- Interfacility vs scene