AEROMEDICAL TRANSPORT PARAMEDIC

RESOURCE CATEGORY	Emergency Medical Services
RESOURCE KIND	Personnel
OVERALL FUNCTION	The Aeromedical Transport Paramedic assesses the nature and extent of illness and injury to establish and prioritize care for safe air transport of the critical patient to the appropriate facility
COMPOSITION AND ORDERING SPECIFICATIONS	1. This position can be ordered as a single resource or in conjunction with a NIMS typed team (see note below). 2. This resource can be ordered in conjunction with other NIMS typed teams, including: Air Ambulance Fixed-Wing (Critical Care Transport), Air Ambulance Fixed-Wing (Non-Critical Care Transport), Air Ambulance Rotary-Wing (Critical Care Transport) or Air Ambulance Rotary-Wing (Non-Critical Care Transport) 3. Discuss logistics for deploying this position, such as working conditions, length of deployment, security, lodging, transportation, and meals, prior to deployment 4. This position deploys with all necessary PPE, including flight and medical gear, based on the mission assignment 5. Requestor should specify specialties necessary such as heart-lung bypass support, ventricular assist devices, management of arterial lines/pulmonary artery catheters, central venous monitoring, transfusion and volume expansion, vasopressors, extracorporeal membrane oxygenation, fetal monitoring, ventilator

Each type of resource builds on the qualifications of the type below it. For example, Type 1 qualifications include the qualifications in Type 2, plus an increase in capability. Type 1 is the highest qualification level.

COMPONENT	TYPE 1	TYPE 2	NOTES
DESCRIPTION	Same as Type 2, PLUS: Provides a high-acuity patient with unique, specialized care during transport, such as: 1. Heart-lung bypass support 2. Ventricular assist devices 3. Management of arterial lines/pulmonary artery catheters 4. Central venous monitoring 5. Transfusion and volume expansion 6. Vasopressors 7. Extracorporeal membrane oxygenation 8. Fetal monitoring 9. Ventilator management 10. High-risk obstetrics	The Aeromedical Transport Paramedic: 1. Provides pre-hospital advanced life support (ALS) care from initial pick up to destination, such as: Triage; giving oxygen; and cardiac defibrillation 2. Assists in pre-mission liftoff checklist and assists pilot as necessary, such as radio, navigational, and visual observation activities	Not Specified
EDUCATION	Same as Type 2, PLUS: Training, certification or daily practice in critical care, OR specialty certification commensurate with the mission	1. Graduate of a nationally accredited paramedic program 2. Graduate of aeromedical technician certification course	Exceptions apply for individuals who graduated from a paramedic program prior to January 1, 2013 (the date the National Emergency Medical Services (EMS) program accreditation became a requirement for National registry certification).

COMPONENT	TYPE 1	TYPE 2	NOTES
TRAINING	Same as Type 2	Completion of the following: 1. IS-100: Introduction to the Incident Command System ICS-100 2. IS-200: Basic Incident Command System for Initial Response, ICS-200 3. IS-700: National Incident Management System, An Introduction 4. IS-800: National Response Framework, An Introduction 5. Air Medical Resource Management or equivalent 6. Training in accordance with Occupational Safety and Health Administration (OSHA) 29 Code of Federal Regulations (CFR) Part 1910.120: Hazardous Materials Awareness 7. Training in accordance with OSHA 29 CFR Part 1910.134: Respiratory Protection 8. Training in accordance with OSHA 29 CFR Part 1910.1030: Bloodborne Pathogens	Identified equivalent trainings should meet or exceed course learning objectives.
EXPERIENCE	Same as Type 2, PLUS: Two years of critical care paramedic experience	Knowledge, Skills, and Abilities: 1. Knowledge of state and local scope of practice parameters and skill sets 2. Knowledge of the management and care of patients involved in a Mass Casualty Incident (MCI) 3. Knowledge of crew resource management Experience: One year of flight paramedic experience	Not Specified
PHYSICAL/MEDICAL FITNESS	Same as Type 2	1. Moderate 2. Maintains immunizations in accordance with the U.S. Department of Health and Human Services Centers for Disease Control and Prevention's immunization recommendations for emergency responders 3. Ability to work wearing appropriate personal protective equipment (PPE)	1. This position may work near moving mechanical parts of an aircraft and face exposure to airborne particles including fumes, chemical hazards, and vibrations/turbulence. PPE is mission-specific and will depend on the patient and patient condition. 2. NIMS Guideline for the National Qualification System (NQS) defines Physical/Medical Fitness levels for NIMS positions.

COMPONENT	TYPE 1	TYPE 2	NOTES
CURRENCY	Same as Type 2	1. Functions in this position during an operational incident, planned event, exercise, drill, or simulation at least once every two years 2. Active member of an EMS-providing entity, organization, or agency 3. Active participation with an air medical transport service 4. Immunizations up-to-date and commensurate with mission assignment 5. Background checks as applicable law permits or requires	Provider must carry out and use any background checks as applicable law specifies. This may include a background check completed within past 12 months; sex-offender registry check; and a local, state, and a local, state, and national criminal history.
PROFESSIONAL AND TECHNICAL LICENSES AND CERTIFICATIONS	Active Critical Care Paramedic certification, or equivalent	1. State, District of Columbia, or US territory-granted active status of legal authority to function as a Paramedic without restriction 2. Flight Paramedic Certification (FP-C)	Critical Care certifications are not available in every state.

NOTES

Nationally typed resources represent the minimum criteria for the associated category.

REFERENCES

1. FEMA, NIMS 508: Air Ambulance Fixed-Wing (Critical Care Transport)
2. FEMA, NIMS 508: Air Ambulance Fixed-Wing (Non-Critical Care Transport)
3. FEMA, NIMS 508: Air Ambulance Rotary-Wing (Critical Care Transport)
4. FEMA, NIMS 508: Air Ambulance Rotary-Wing (Non-Critical Care Transport)
5. FEMA, NIMS Guideline for the National Qualification System, November 2017
6. Centers for Disease Control and Prevention (CDC), Immunization Recommendations for Disaster Responders
7. National Highway Traffic Safety Administration (NHTSA), Emergency Medical Services Education Agenda for the Future: A Systems Approach. Washington, DC: US Department of Transportation/National Highway Traffic Safety Administration (DOT/NHTSA) DOT HS 809 042, June 2000
8. NHTSA, The National EMS Education Standards. Washington, DC: US DOT/NHTSA, DOT HS 811 077A, January 2009
9. NHTSA, The National EMS Scope of Practice Model. Washington, DC: US DOT/NHTSA, DOT HS 810 657, February 2007
10. Occupational Safety and Health Administration (OSHA) 29 Code of Federal Regulation (CFR) Part 1910.120: Hazardous Materials Awareness, latest edition adopted
11. OSHA 29 CFR Part 1910.134: Respiratory Protection, latest edition adopted
12. OSHA 29 CFR Part 1910.1030: Bloodborne Pathogens, latest edition adopted