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January 13, 2026

SUBJECT: MSPAC Update/Status Report EMS/SEMSAC January 2026

PERSONNEL:

- Sworn Trooper Medic Vacancy Rate
 - 18 vacancies (27%)
 - Academy Class 160 began on 10/27/25 with 6 Trooper Medics
 - 3 Trooper Medics assigned to MSAPC from FOB on 11/12/25
 - 5 Trooper Medics assigned to MSPAC from FOB effective 1/21/26
- Civilian Vacancy Rate
 - 5 Helicopter Line Pilot vacancies (9%)
 - 2 Maintenance vacancies (10%)
 - 1 Procurement Manager

FLEET:

- Three aircraft in heavy inspections/repairs
 - N381MD: 4 Year (Leonardo) – 10/17/25 - 2/24/26
 - N389MD: 4 Year (Leonardo) – 11/19/25 – 3/19/26
 - N390MD: 4 Year (Sterling) – 9/22/25 – 1/23/26

WHOLE BLOOD PROGRAM: Started on May 10, 2023

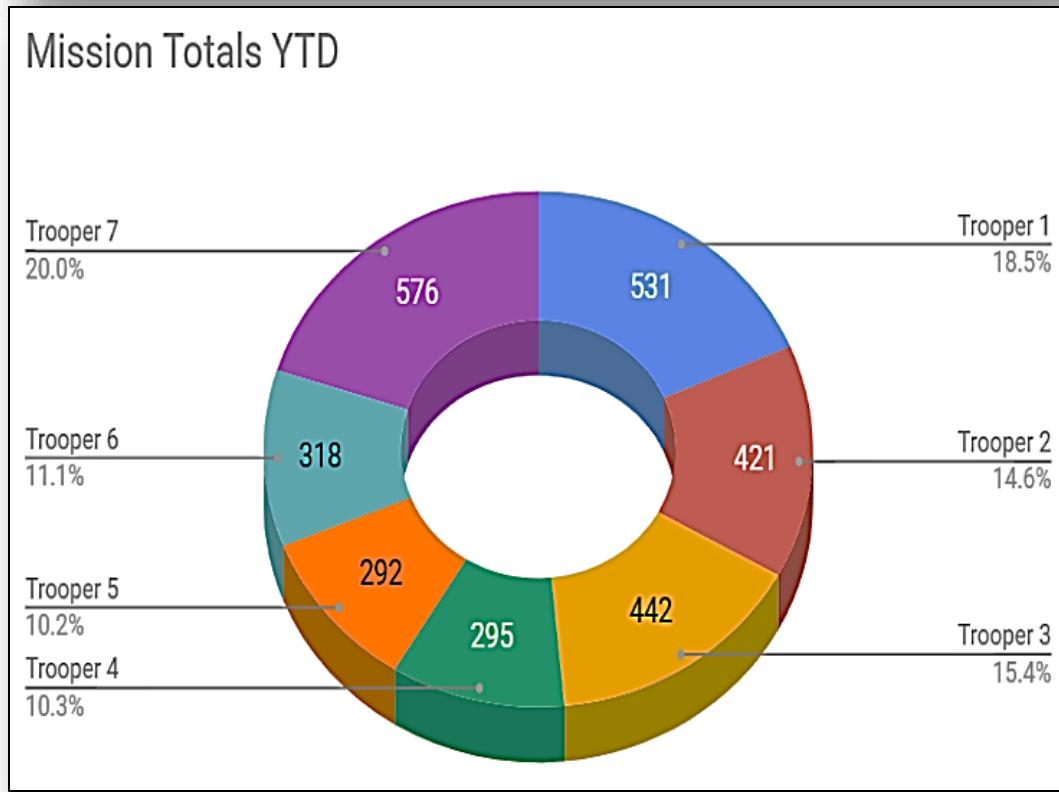
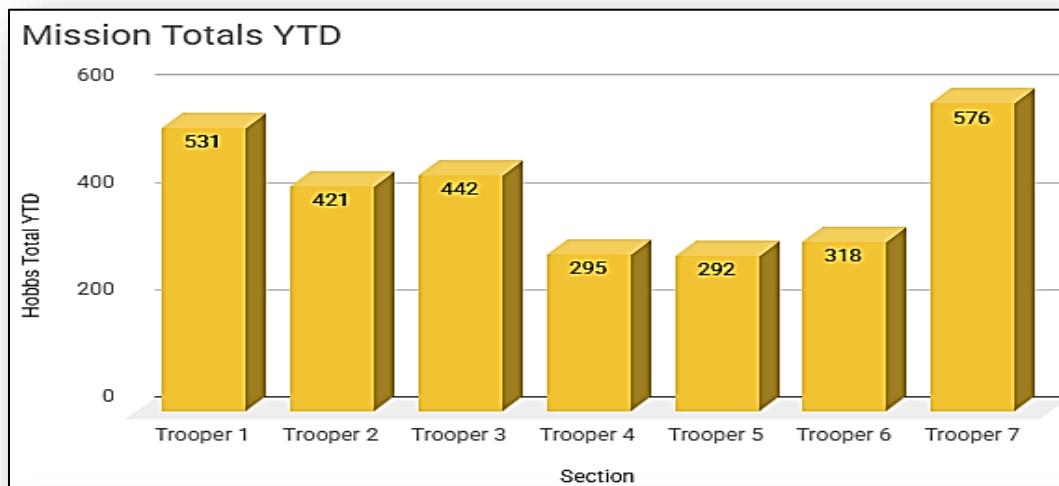
Category	2025	% Change	Overall Change	2024	Program Totals
Number of Patients	116	16%	+16	100	279
Units of Blood	154	15.7%	+21	133	364

HOIST MISSIONS STATISTICS:

Year	Total Hoists
2025	18 (+4)
2024	14
2023	18

MSPAC 2025 Missions & Hours

- Total Completed Missions: 2875 (+8)
- Total Medevacs: 1971 (+93)
- Total Patients Flown: 2004 (+69)
- Total Double Patients Flown: 98 (+41)
- Total Triple Patients Flown: 1
- Total Flight Hours: 2511.1 (-9)
- Total Law Enforcement Missions: 126 (-1)
- Allied Asset Missions YTD: 67
- Commercial Asset Missions YTD: 17



2025 Mission Statistic Comparison

Trooper 1	Missions	Hours
2025 Totals	531	435.1
2024 Totals	486	404.3
Percentage Change	9%	8%

TROOPER 5	MISSIONS	HOURS
2025 Totals	292	298.1
2024 Totals	282	278.9
Percentage Change	4%	7%

Trooper 2	Missions	Hours
2025 Totals	421	305.6
2024 Totals	515	365.2
Percentage Change	-18%	-16%

TROOPER 6	MISSIONS	HOURS
2025 Totals	318	296.9
2024 Totals	385	362.7
Percentage Change	-17%	-18%

TROOPER 3	MISSIONS	HOURS
2025 Totals	442	373.3
2024 Totals	477	405.3
Percentage Change	-7%	-8%

TROOPER 7	MISSIONS	HOURS
2025 Totals	576	488.4
2024 Totals	405	335.1
Percentage Change	42%	46%

TROOPER 4	MISSIONS	HOURS
2025 Totals	295	313.7
2024 Totals	317	368.8
Percentage Change	-7%	-15%

NOTABLE EVENTS:

- A mobile medical documentation tool developed by Air Force Research Laboratory researchers is now deployed and being tested on MSPAC aircraft. This marks the first-time medical providers are using Battlefield Assisted Trauma Distributed Observation Kit (BATDOK) to document and transfer civilian patients in the U.S. Maryland State Police flight paramedic crews are using the AFRL-developed tool alongside their standard toolset as they transport injured patients to hospitals for shock trauma treatment. BATDOK, a mobile application that helps medics monitor patients, complete documentation and provides decision-support capabilities, streamlines patient care and optimizes patient delivery to medical facilities, resulting in more efficient and potentially life-saving care.
- 2/16/25: Trooper 4 pre-launched on a trooper-involved shooting outside of Crisfield. Initially it was believed that there was a trooper struck by gunfire and a suspect at large in the woods. However, upon arrival, it was determined that the trooper was not struck and there was a suspect who sustained multiple gunshot wounds. The Trooper 4 crew quickly transitioned from an aerial law enforcement role to a medevac role and stabilized the patient, who had sustained a gunshot wound to the head. The patient was flown to Shock Trauma for further care.
- 5/16/25: Trooper 1 responded to Havre de Grace, Harford County for a motor vehicle collision involving an MSP vehicle. While enroute to the scene the flight crew was advised the collision involved two MSP K-9s requiring care. Trooper 1 landed at the scene and transported both K9s to the Anne Arundel Veterinary Emergency Clinic in Annapolis, Maryland for treatment. Trooper 1 then transported the injured K-9 Trooper to the R. Adams Cowley Shock Trauma Center in Baltimore, Maryland for evaluation and treatment.

- 5/16/25: Trooper 7 launched on a request for a serious motor vehicle collision in Lexington Park. Trooper 7 landed in the roadway and proceeded to the patient who was in critical condition with a significant head injury. The crew provided lifesaving treatments including intubation and whole blood administration. While enroute to Shock Trauma, a band of storms developed and blocked access to Baltimore, requiring the pilots to divert to MedStar. Upon arrival, the patient was transferred to hospital staff and subsequently underwent multiple surgeries and an extended ICU stay. The patient recently visited the Trooper 7 hangar after spending three months in the ICU at Medstar.
- 5/25/25: Trooper 2 responded to Wolf Rock in Thurmont, Frederick County for a hiker that had fallen from a rock face. Due to an extended extrication time, the victim's remote location, and injuries sustained, Trooper 2 was requested to perform an aerial hoist rescue. Trooper 2 lowered a Trooper/Rescue Technician to the ground to evaluate and package the patient. The patient was secured to a backboard and placed in a Patient Extrication Platform with the assistance of Frederick County Fire Rescue. Upon completion of the hoist, Trooper 2 transported the patient to Shock Trauma Center while continually evaluating and treating the patient for their injuries.
- 8/23/25: Trooper 7 was dispatched to a medevac for a patient who fell 25 feet in Port Tobacco, Charles County. EMS providers advised that the patient was unable to be extricated by ground and that a hoist would be required. Trooper 7's Rescue Technician was lowered to the scene with the critical intervention bag. The patient was lifted back into the aircraft and transported to DC Medstar Hospital Center.
- 8/26/25: Trooper 1 responded to Havre de Grace, Harford County to assist with a vehicle pursuit. The Harford County Sheriff's Department, with assistance from MSP and other agencies, were pursuing a box truck throughout the county. During the pursuit, a Harford County Sheriff's Deputy was attempting to deploy stop sticks when the operator of the box truck intentionally swerved and struck the deputy causing significant injuries. Trooper 1 switched to a medevac role and proceeded to a nearby LZ to transport the injured deputy to the R. Adams Cowley Shock Trauma Center in Baltimore, Maryland for evaluation and treatment.
- 09/11/25: Trooper-1 responded to the United States Naval Academy in Annapolis, Maryland for a security threat against the Academy which caused a lockdown. A Navy Midshipmen was flown by Trooper-1 to the R. Adams Cowley Shock Trauma Center in Baltimore, Maryland for evaluation and treatment of a gunshot wound.
- 9/19/2025: Trooper 6 self-launched for a pediatric special needs patient in Talbot County that was reported to be in cardiac arrest. Upon their arrival, Trooper 6 medics assisted Talbot County EMS and the patient's nurse to place a tube in the patient's airway due to breathing issues. The patient was sedated and safely transported to Johns Hopkins hospital with a family member onboard. Personnel that responded were recognized by the Talbot County Board of Education in appreciation of the outstanding service they provided during the medical emergency.
- 9/27/25: Trooper 3 was dispatched to Thurmont, Frederick County, in reference to a motor vehicle collision with entrapment. While enroute the crew was advised by Frederick County Department of Emergency Services they were preparing to conduct a Rapid Sequence Intubation on the patient. Trooper 3 medics proactively set up the Revel ventilator for ventilatory support. Upon arrival, Trooper 3 medics completed a rapid assessment, confirmed

correct endotracheal tube placement, placed the patient on their monitor, transferred the patient to the aircraft, and placed onto the ventilator. While enroute to RAC Shock Trauma the patient's status declined and was subsequently administered one unit of O+ whole blood. This treatment raised the patient's blood pressure appropriately, maintaining perfusion to vital organs. Three months later, the flight crew received a visit from the patient who has made an amazing recovery.

- 10/5/25: Off-duty troopers from Trooper 5 responded to Downsville Pike, Hagerstown, for a report of an MVC involving a motorcycle. Due to the severity of the patient's injuries, the medics on scene called for Trooper 5 and Lifenet 81. A pediatric RSI was required, and the medics were able to successfully intubate the patient establishing a definitive airway. Trooper 5 was prepared for a quick turnaround to John Hopkins Hospital in Baltimore. The off-duty medic joined the mission as a third provider and assisted the flight crew to meet the patient's medical needs.

Our system remains intact, ready to respond through Flight Operations oversight and the management of SYSCOM and the Operations Control Center to provide the most appropriate asset to serve the needs of our partners.