

MARYLAND INSTITUTE FOR EMERGENCY
MEDICAL SERVICES SYSTEMS

MARYLAND STATE POLICE
AVIATION TRAUMA TECHNICIAN RECOGNITION
PROGRAM



MARYLAND STATE POLICE
AVIATION TRAUMA TECHNICIANS

Lt. George C. Wyatt
First Sgt. Gary Bockelmann
Sgt. Ralph Smith
Sgt. Louis Saffran
Sgt. Jack Phillips
Corporal Richard Grimes
Corporal Robert McGainey
Corporal William Bernard
Corporal Richard Bayles
Corporal Lee Fitzgerald
TFC Thomas Barker
TFC Gilbert Grey
TFC Michael Ptaszynski
TFC Jeffrey LeDonne
TFC Kenneth Cross
TFC Robert Tanner
TFC Mike Zeigler
TFC Kenneth Degen
TFC Eugene Winters
TFC Henry Pilch
TFC George Myers
TFC Curtis Dennis
TFC Paul Frick

CEREMONY

INTRODUCTION:

R Adams Cowley, M.D.

COMMENTS:

Alasdair Conn, M.D.

PRESENTATION OF PATCHES/
CERTIFICATES:

The Honorable Louis Goldstein

CLOSING REMARKS:

Alasdair Conn, M.D.
Annie Smith, R.N.

L U N C H E O N

FRUIT CUP

ROAST BEEF AU JUS

GREEN BEANS

PARSLIED PÔTATOES

SALAD BAR

CAKE/PIE

BEVERAGE



UNIVERSITY OF MARYLAND

MARYLAND INSTITUTE FOR EMERGENCY MEDICAL SERVICES SYSTEMS

R ADAMS COWLEY, M.D., DIRECTOR

Shock Trauma Center
CNS Center
Traumatology
Critical Care
Critical Care Nursing
Hyperbaric Medicine
Medical Engineering
Research & Development
Operations Research/
Systems Analysis
EMS Systems
Education
Training
Communications
Transportation
Administration
Evaluation

Maryland State Police
Aviation Trauma Technicians

The Maryland Institute for Emergency Medical Services Systems (MIEMSS) appreciates the excellent patient care provided by the Maryland State Police Trauma Technicians. These technicians have been trained to recognize the pathophysiological changes that result from injury and severe illness, and to communicate effectively with awake, frightened patients. In addition, they have the technical skills needed to evacuate injured and ill patients safely by helicopter. They also ensure continuity of patient care from the field to the hospital by providing important information about the patient's condition.

The Aviation Trauma Technicians deserve honorable recognition not only for their dedication in completing the Aviation Trauma Technician Training Program, which has meant hard work and long hours away from home and family, but also for assuming greater responsibility within the Maryland State Police.

As the Maryland EMS System continues to grow, pre-hospital patient care remains first rate because of the dedication and support of first responders to the scene of the emergency.

dd



The Maryland State Police Aviation Trauma Technician program started through the efforts of MIEMSS Admitting Area Nurses Deana Holler, Paula Kelly, Anne Smith and the support of the Admitting Area supervisor, Peggy Palmer. Subsequently, support was also gained from Dr. R Adams Cowley, Dr. John Stafford, Dr. Alasdair Conn, Ms. Liz Scanlan, Captain Gary Moore, Lt. Tim Wyatt, William Hathaway, George Pelletier, James Abate, Lou Jordan and Ron Schaefer.

The curriculum was established after educational needs were evaluated. Then, work began on developing the course outline, writing pre and post tests, and preparing the critique forms used to evaluate the instructors and course coordinators.

The curriculum consists of 120 hours of didactic and clinical experience at the Maryland Institute for Emergency Medical Services Systems.

The schedule includes the following courses:

Introduction and tour	4 hours
Assessment	6 hours
Hyperbaric Medicine	2 hours
Chest trauma	8 hours
Neonatal and Pediatrics	16 hours
Neurotrauma	4 hours
Shock	4 hours
Abdominal trauma	4 hours
Soft tissue trauma	4 hours
Medical emergencies	4 hours
Burn trauma	12 hours

Orthopedic trauma	4 hours
Infection Control	4 hours
Pharmacology & I.V.	8 hours
Cardiovascular & Basic EKG	16 hours
Mechanical Appliances	4 hours
Psychiatric Emergencies & Crisis Intervention	4 hours
Clinical Experience	8 hours
Final Review	4 hours

The main objectives of the Maryland State Police Aviation Trauma Technician are:

- A) To increase the air-evac trauma technician's knowledge of advanced post trauma care of the undiagnosed patient.
- B) To provide an expedient means of transportation between the scene of the emergency and the trauma facility.
- C) To establish protocols that allow the air-evac trauma technicians to respond to changes in a patient's physiological condition without hesitation.
- D) To advance the level of education and skill of air-evac trauma technicians to that of other field personnel.
- E) To help air-evac trauma technicians to qualify for the National Registry of Emergency Medical Technicians/Paramedics.
- F) To maintain first rate continuity of patient care between the field and the hospital.
- G) To minimize hospitalization by adhering to the "Golden Hour" concept.
- H) To enhance the long term goal of enabling the victim to resume his functional role both in his family and in society.