

S C E N A R I O

EPLEX 82

INCIDENT

At approximately 12:30 p.m., an aircraft with 150 persons on board lands on Runway 04 at BWI. During after-landing roll-out on the runway, its left landing gear collapses, a wing separates, and a fire ensues. Crash-Rescue is initiated.

The Federal Aviation Administration airport control tower will initiate the EPLEX 82 training exercise via the Airport crash telephone network on sighting white smoke originating from the incident site.

ACTION

BWI Airport emergency procedures will be implemented. The Operations Center will establish an on-scene command post. Emergency apparatus from the Airport and from supporting agencies off-airport will respond.

JLW: brr



Maryland Department of Transportation

STATE AVIATION ADMINISTRATION

Lowell K. Bridwell
Secretary
T. James Truby
Administrator

SCHEDULE OF ACTIVITIES

EPLEX 82

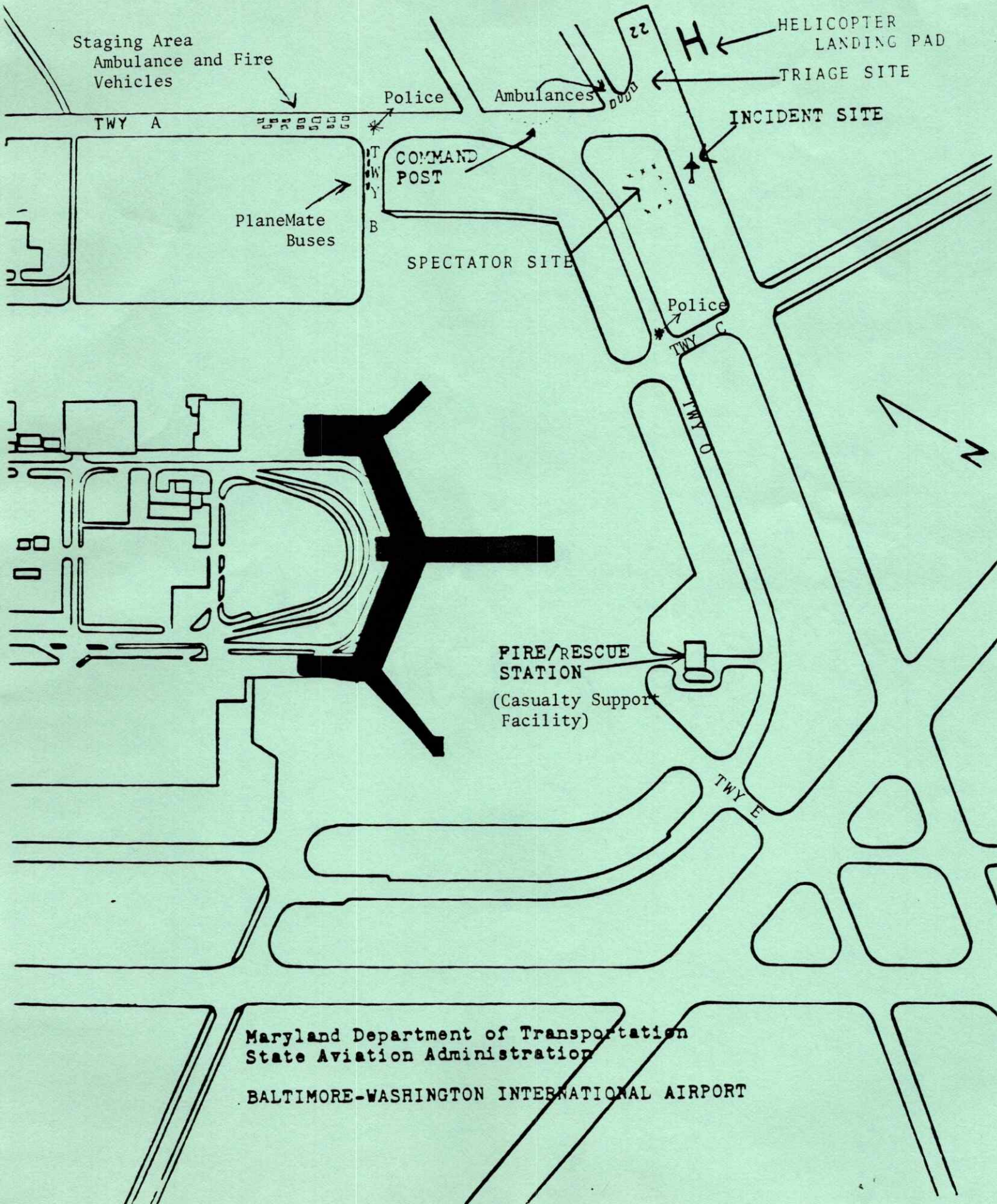
Saturday, June 5, 1982

Baltimore/Washington International (BWI) Airport

11:00 a.m. to 11:30 a.m.	Registration and issuance of badges and information kits to invitees at the Maryland Department of Transportation (MDOT) Parking Lot.
11:30 a.m.	Buses depart MDOT Parking Lot for Spectator Site.
11:30 a.m. to 12:15 p.m.	Box style lunches served. Static display of Civil Air Patrol and BWI Fire-Rescue equipment at the Spectator Site.
12:15 p.m.	Welcoming remarks.
12:30 p.m.	EPLEX 82 commences.
1:15 p.m.	Approximate termination of active phase of EPLEX 82. Post-event comments regarding aircraft accident investigation and aircraft recovery. EPLEX 82 concluded.

JLW:br

PRINCIPAL AREAS OF ACTIVITY



Maryland Department of Transportation
State Aviation Administration
BALTIMORE-WASHINGTON INTERNATIONAL AIRPORT



Maryland Department of Transportation

STATE AVIATION ADMINISTRATION

Lowell K. Bridwell
Secretary

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Administrator

EXERCISE PARTICIPANTS

EPLEX 82

June 5, 1982

Airlines Serving Baltimore/Washington International Airport
Anne Arundel Alarmers Association
Anne Arundel County Fire Department
Anne Arundel County Police Department
Baltimore City Fire Department
Baltimore County Fire Department
Baltimore/Washington International Airport Employees
Box 414 Association
Butler Aviation
Central Alarmers, Inc.
Civil Air Patrol
Federal Aviation Administration
Howard County Fire Department
Maryland Department of Transportation
Maryland Institute for Emergency Medical Services
Maryland State Police
Maryland State Police Helicopter Unit
State Aviation Administration
State Medical Examiner



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11:00 a.m. to 11:30 a.m.	Registration and issuance of badges and information kits to invitees at the MDOT Parking Lot.
11:30 a.m.	Buses depart MDOT Parking Lot for Spectator Site.
11:30 a.m. to 12:15 p.m.	Box style lunches served.
11:30 a.m. to 12:30 P.m.	Static Display of Civil Air Patrol equipment at Spectator Site.
12:00 Noon	Pre-Exercise Program conducted at Spectator Site by Mr. Charles Sander, BWI Airport Operations Manager.
12:30 p.m.	EPLEX 82 commences (Narration by Mr. Sander).
2:00 p.m.	Approximate termination of active phase of EPLEX 82. Post-event comments by Mr. Sander regarding aircraft accident investigation and aircraft recovery. EPLEX 82 concluded.

JLW:brr

AGENDA
PRE-EXERCISE MEETING #2
EPLEX 82
APRIL 8, 1982

- I. General
 - A. Background and Purpose of EPLEX 82
 - B. Date of Site Chosen
 - C. Marshalling and Staging (Attachment 1)
- II. Committee Participation (Attachment 2)
 - A. Tasks Assigned
 - B. Coordination Requirements
- III. Scenario
- IV. Pre-Exercise Schedule
 - A. Appointment of Committee Chiefs
 - B. Progress Meetings
 - 1. April 22, 1982; 2:00 P.M., SAA Assembly Room
 - 2. May 20, 1982; 1:30 P.M., SAA Assembly Room
 - C. Orientation
 - May 6, 1982; 2:00 P.M., SAA Assembly Room

MARSHALLING AREAS

<u>FOR</u>	<u>LOCATION</u>
1. Moulager's and Victim Parking	MDOT Parking Lot
2. Invited Guest Parking	MDOT Parking Lot
3. Fire/Ambulance Mutual Aid	Area 4 Ring Road
4. Police Mutual Aid	Area 4 Ring Road

STAGING AREAS

<u>FOR</u>	<u>LOCATION</u>
1. Planemates, Shuttle Buses, Official Vehicles	Taxiway B
2. Mutual Aid Line of Vehicles	Taxi A, from Taxiway B Northward

COMMITTEES

Steering	1
Functional	
BWI Fire-Rescue	2
BWI Airport Operations	3
BWI Commercial Services	4
BWI Airport Division, Maryland State Police	5
Civil Air Patrol (CAP)	6
Airport Division of Facilities Maintenance	7
SAA Office of Finance and Administration	8
SAA Office of Planning and Engineering	9
SAA Office of Information and Trade Development	10
Maryland Institute for Emergency Medical Services (MIEMS)	11
Office of Chief Controller, FAA, BWI	12
Office of Air Transportation Security, FAA, BWI	13
Airlines	14
U.S. Postal Service	15
ier Aviation, BWI	16
U.S. Immigration and Naturalization Service, BWI	17
U.S. Customs, BWI	18

STEERING COMMITTEE

1. Members:

Chairman - Manager, BWI Airport
Members - Chief, BWI Fire-Rescue Service
 Chief, BWI Airport Operations

2. Manage EPLEX 82

3. Conduct progress meetings and orientation during April and May 1982, in SAA Assembly Room.

4. During May 1982, forward invitations to the following to observe the exercise:

- | | |
|---|--|
| 1. MDOT | 14. Manager, Dulles Int'l |
| 2. MD Executive Office | 15. Manager, Washington National |
| 3. Maryland Legislators | 16. Manager, Philadelphia Int'l |
| 4. AAAE | 17. Manager, Allentown-Bethlehem-Easton |
| 5. AOCI | 18. Manager, Harrisburg |
| 6. ALPA | 19. Manager, Salisbury Airport |
| 7. NTSB | 20. Commander, Andrews AFB |
| 8. MD Emergency Management and Civil Defense Agency | 21. U.S. Park Police |
| 9. AOPA | 22. BWI GADO |
| 10. Commander, Ft. Meade | 23. FAA Eastern Region Airports Office |
| 11. Commander, MD Air National Guard | 24. U.S. Dept. of Transportation |
| 12. Manager, GLMSA | 25. Governor's Emergency Management Advisory Committee |
| 13. American Red Cross | |

5. Obtain the services of non-BWI individuals to critique the exercise, as follows:

<u>Function</u>	<u>Individual</u>
Airport Operations	1
Fire-Rescue Service	1 3 CF - TRAFFIC - FREE GROUND
Medical Services	1
Police Services	1

6. Respond to Chiefs of participating committees.

BWI FIRE-RESCUE SERVICE (FRS)

1. Coordinate mutual aid, fire and ambulance. *40+ UNITS*
2. Point of contact (POC) for MIEMSs.
3. Obtain volunteers to act as incident victims. *150*
4. Obtain the services of individuals to costume/mouflage incident victims.
5. Pre-position FRS Chevy Van at MDOT parking lot for use by Finance and Administration team which is to operate the Casualty Support Facility.
6. Provide box lunch at 11:30 A.M., June 5, 1982, for victims, mouflage personnel, participating individuals, and invitees, press and others as approved by the Steering Committee.
7. Videotape the exercise.

BWI AIRPORT OPERATIONS

1. Establish on-scene Emergency Command Post (CP).
2. Conduct Emergency Plan tasks.
3. Provide narrator for Emergency Exercise who will:
 - A. Conduct pre-event narration regarding static displays, brochure contents, physical layout of the scene and the air operations area.
 - B. Narrate the event by describing what is occurring minute-by-minute.
 - C. Conduct post-event narration regarding aircraft investigation, aircraft recovery, to include BWI recovery assets description, and a closing statement of thanks to all.
4. Provide Safety Officer for Emergency Exercise.
5. Assist Steering Committee with invitation program.
6. Coordinate with FAA ATC for tower and ATIS publication on June 5, 1982 of EPLEX 82.

BWI COMMERCIAL SERVICES

1. Provide transport for spectators, invitees from MDOT Parking Lot to spectator site.
2. Provide transport for "victims" from moulage support area at Facilities Maintenance to incident site.
3. Provide transport for apparently uninjured passengers from incident site to the Casualty Support Facility.
4. Provide return-to-BWI transportation for "victims" sent to various local hospitals by surface or air ambulance.
5. Provide shuttle bus for Press travel from SAA Assembly Room (3rd floor, Central Terminal, BWI) to Press area at spectator site, and then to SAA Assembly Room at termination of EPLEX 82.
6. Transport passengers released from the Casualty Support Facility to the moulage support area.

AIRPORT DIVISION, MARYLAND STATE POLICE

1. Coordinate police mutual aid.
2. Point of contact (POC) for I.D. Team.
3. Control traffic and parking on public side of BWI.
4. Control air side Staging Areas.
5. Control air side routes to and from staging areas, incident site, Casualty Support Facility, and Terminal.
6. Exercise crowd control, utilizing Civil Air Patrol (CAP), as appropriate.
7. Provide Security Monitor Powergate G (gate will not be key-card activated).
8. Provide escort from Pier C tunnel to Press area of spectator site for SAA shuttle bus transporting Press.

CIVIL AIR PATROL (CAP)

1. Provide static display in the vicinity of the spectator site of how the CAP provides support in off-airport aircraft incidents.
2. Respond to Airport Division, Maryland State Police requests for personnel to assist with crowd control.

STATUS / STATIC
DISPLAY

AIRPORTS DIVISION OF FACILITIES MAINTENANCE

1. Prepare and maintain Facilities Maintenance support area for moulage and moulage support site.
2. Establish spectator site to include Press area.
3. Requisition and position male and female portable toilet facilities: 3 (2 males, 1 female) at spectator site; 2 (females) at moulage support site.
4. Provide public address system at spectator site.
5. Provide stage and podium for narrator at spectator site.
6. Provide signage at marshalling and staging areas, as well as at spectator site, to include its Press area.
7. Provide signage, as approved by Steering Committee, for use in Terminal on June 5, 1982, to inform the public of occurrence of EPLEX 82.
8. Pickup and spot at the incident site the Emergency Equipment Truck of the BWI Fire-REscue Service, but coordinate first with the on-scene Emergency Command Post.
9. Barricade incident site but coordinate first with Fire-Rescue Service Chief at the on-scene Emergency Command Post.

Trash receptacles

GRAND STANDS

SAA, OFFICE OF FINANCE AND ADMINISTRATION

1. Establish, operate, and control the Casualty Support Facility with a team of 10.
2. Coordinate with the airline involved regarding the release and transport of apparently uninjured passengers from the Casualty Support Facility to the Moulage Support Area.
3. Issue supplies from SAA warehouse, as required.
4. Expeditiously process exercise requisitions during the period March 30 - June 6, 1982.
5. Finance and Administration team members will park their personal vehicles at the MDOT parking spot, assemble in FRS van pre-positioned in the MDOT parking lot, and then drive through Power-gate G to reach their duty station, the Casualty Support Facility, NLT 12:00 Noon.

APPARENTLY
UNINJURED →
(50) ILL
10-DEAD
90-TRIAGE
TO HOSP.

SAA, OFFICE OF PLANNING AND ENGINEERING

1. Establish morgue in SAA warehouse.
2. Coordinate with the State Medical Examiner as to functioning of the morgue.
3. Coordinate the alert and employment of refrigerated trucks.
4. Maintain contact by telephone during the exercise with the BWI Airport Operations Center.

SAA OFFICE OF INFORMATION AND TRADE DEVELOPMENT (OITD)

1. Publish brochure of exercise events, objectives, players, and site layout for spectator use.
2. Assemble Press in SAA Assembly Room (3rd floor, Central Terminal, BWI).
3. Issue I.D. to Press as specified in BWI Emergency Plan.
4. At 11:25 A.M., transport Press by SAA shuttle bus (coordinate with BWI Commercial Services) from SAA Assembly Room to Press area at spectator site and return.
5. Establish, maintain, and control Press area at spectator site.
6. Ensure that an OITD individual remains with the Press during the exercise, that is, in the Assembly Room, on the shuttle bus, in the press area.
7. Prohibit Press from taking Press-owned and -operated vehicles onto the air side of the airport.
8. Emphasize that EPLEX 82 is a training exercise.

MARYLAND INSTITUTE FOR EMERGENCY MEDICAL SERVICE (MIEMS)

1. Implement applicable reaction to BWI Emergency Plan.
2. Coordinate with local hospitals for participation in EPLEX 82.
3. Point of contact (POC) for the State Medical Examiner.
4. Coordinate use of police, Coast Guard, and military medevac helicopters.
5. Prepare medical team from the University of Maryland Hospital for movement by helicopters to BWI.

FAA, BWI
OFFICE OF CHIEF CONTROLLER

1. Conduct tasks associated with BWI's Emergency Plan during EPLEX 82.
2. Exercise coordination of surface traffic on the Air Operations Area during the exercise.

FAA, BWI
AIR TRANSPORTATION SECURITY OFFICE

1. Effect liaison with Emergency Command Post (on-scene) regarding security observations.

AIRLINE COMMITTEE

1. Provide a more-than-50 passenger airplane for static use during the day of the exercise (aircraft required at incident site 11:30 A.M. - 3:00 P.M., Saturday, June 5, 1982).
2. Coordinate transportation of released passengers from the Casualty Support Facility to the Moulage Support Area.
3. Provide airline representatives (represent airline which operates the aircraft involved in the emergency exercise "incident"):
 - A. at the Casualty Support Facility to coordinate the reception of apparently-uninjured passengers and their ultimate transport to the Moulage Support Area; and
 - B. at the on-scene Emergency Command Point to act as point of contact (POC) for the airline involved in the "incident."
4. Elicit volunteers to act as "victims." This must be coordinated by April 22, 1982, with the Chief, BWI Fire-Rescue Service.

340
AIRCRAFT
47 AIRLINE MANAGERS
@ COMMAND POST
USE ACTUAL NAME
OF VOLUNTEER

U.S. POSTAL SERVICE

1. Assume control of U.S. mail and USPS property upon release at incident site by the BWI Fire-Rescue Service.

BUTLER AVIATION, BWI

1. Provide, operate, and maintain two (2) Planemate vehicles during the emergency exercise.

100 PERSON
CAPACITY EACH

U.S. IMMIGRATION AND NATURALIZATION SERVICE, BWI

1. Respond to Steering Committee, as requested.

U.S. CUSTOMS, BWI

1. Respond to Steering Committee, as requested.

INJURY NUMBERSYMPTOMSMOULAGE

1	NONE	Dead with multiple contusions, lacerations
2	NONE	" "
3	NONE	" "
4	NONE	" "
5	NONE	" "
6	NONE	" "
7	NONE	" "
8	NONE	" "
9	NONE	" "
10	NONE	" "
11	Normal at first- simulate heart attack enroute to Casualty Support Facility	Clothing messy
12	Normal at first- simulate heart attack after arrival at the Casualty Support Facility	Clothing messy
13	Normal at first- simulate fainting spell after arrival at Casualty Support Facility	Clothing disarranged
14	Normal at first- simulate fainting spell when departing vehicle that transported you to the Casualty Support Facility	Clothing disarranged
15	Normal at first- simulate crying spell after arrival at Casualty Support Facility.	Clothing disarranged
16	Normal at first- refuse to answer questions at Casualty Support Facility- be a nuisance	None
17	Normal at first- simulate fainting spell half way between transporting vehicle and the Casualty Support Facility	None

INJURY NUMBERSYMPTOMSMOULAGE

18	Normal at first- after arrival at Casualty Support Facility demand a telephone, act upset, temper tantrum	None
19	Normal at first- refuse to get off vehicle that transports you to the Casualty Support Facility	None
20	Normal at first- demand a way to get to the Terminal. Try to leave Casualty Support Facility	None
21	Walk around crash site and try to assist injured	Clothing disarranged
22	" " "	" "
23.	" " "	" "
24	" " "	" "
25	" " "	" "
26	" " "	" "
27	" " "	" "
28	None	None
29	None	None
30	None	None
31	None	None
32	None	None
33	None	None
34	None	None
35	None	None
36	None	None
37	None	None
38	Slightly confused	Hair messy, clothes disarranged

<u>INJURY NUMBER</u>	<u>SYMPTOMS</u>	<u>MOULAGE</u>
39	Slightly confused	Clothes disarranged dirty
40	Slightly confused	Clothes disarranged dirty, hair messy
41	None	Clothes torn or cut
42	None	Clothes torn or cut
43	None	Clothes torn or cut, Minor concealed cut
44	Slightly confused	Contusions (minor)
45	None	Clothes torn or cut, Minor concealed cut
46	None	None
47	Walk around crash site	Dirty, clothes torn
48	Walk around in circles	Dirty, clothes torn
49	Slightly confused but responsive	Contusions (minor)
50	None	None
51	Normal at first- give Police Officer a hard time	Clothes disarranged
52	Normal at first- give Airline Representative a hard time	None
53	Normal at first- look for a telephone, ask for a way to terminal	None
54	Normal at first- become confused when you get to Casualty Support Facility	None
55	Normal at first- become tired after arrival at Casualty Support Facility	None
56	Normal at first- become tire after arrival at Casualty Support Facility	Clothes disarranged Some dirt

INJURY NUMBERSYMPTOMSMOULAGE

57	Normal at first- become tired after arrival at Casualty Support Facility	Clothes disarranged, some dirt, concealed contusions
58	Normal at first- become tired after arrival at Casualty Support Facility	Dirt in hair, clothes messy
59	Normal at first- become irate give anyone and everyone a hard time	None
60	Labor Pains	Pregant woman
61	Complain about soreness, slight swelling and tenderness, walk with a limp	Sprained ankle
62	Complain about soreness, slight swelling and tenderness, walk with a limp	Sprained ankle, Nose bleed
63	Walking around holding side, complains of localized pain, extremely touchy	Rib fracture
64	Complains of localized pain, headache, wants immediate attention	Head contusions
65	" " "	" "
66	Laying on injured side, scream when moved, soreness or numbness in legs	Rib fracture, leg contusions swelling ankle
67	Slightly hysterical, difficulty hearing, vision blurred	Possible concussion multiple contusions
68	Pain in area, trying to hold & brace injury- wrist dangling doesn't want anyone touching it, wants to see own doctor	Fractured radius (left) dislocated wrist
69	Pain in area- trying to hold and brace injury- wrist dangling doesn't want anyone touching it, blurred vision and complaining about noise	Fractured radius (right) dislocated wrist, head injuries
70	Walk with a limp, hold and brace injured side, complain about soreness in wrist	Fractured ulna (either arm) sore wrist, ankle sprain (either ankle)

INJURY NUMBERSYMPTOMSMOULAGE

71	Walk with a limp, hold and brace injured site, complain about soreness in wrist	Compound fracture of ulna (either side) sore wrist, ankle sprain (either side)
72	" " "	" " "
73	Nauseated, continually removes dressings, some pain in area of lacerations	Minor lacerations mild shock slight bleeding
74	" " "	" " "
75	Dazed condition, just staring off into distance, doesn't respond to questioning	Minor and moderate lacerations head injuries
76	Dazed condition, jsut staring off into distance, doesn't respond to questioning, does not want to cooperate very willingly with rescuers	Minor and moderate lacerations, head injuries
77	Slight dizziness-headache	Possible concussion
78	Hold head- complain about headache and being nauseated	Concussion with contusion
79	Lay on ground on injured side, draw knees up, gasp for air	Rib fracture, chest pains, facial burns
80	" " "	" " "
81	Lay on ground-hold side near bone protusion, dazed twist ankle	protruding rib bone, lacerations on legs briken ankle
82	Sit on ground- hold side- complain about pain- moan and groan, try to stand but keep falling	Rib injuries and leg injuries
83	" " "	" " "
84	Soreness of area - some difficulty breathing through nose	2nd and 3rd degree burns of face, hands, neck and arms
85	" " "	" " "
86	" " "	" " "

INJURY NUMBERSYMPTOMSMOULAGE

87	Numbness to body - don't move tilt head to one side, scream if anyone touches or moves your head	Broken neck
88	" " "	" "
89	" " "	Broken neck, compound fracture of radius
90	Feels like having a bowel movement, holding stomach asking for a Tums or Rolaid	Abdominal cramps
91	Dizzy - blurred vision, headache, earache	Skull injuries
92	" " "	" "
93	Complain about feeling tired and sleepy. Severe head pains. Moan and groan	" "
94	" " "	" "
95	Hold arm out from side- droop shoulder- complain of pain in area of dislocation	Anterior dislocation
96	Complain of pain, scream if someone touches you, ask for something to drink	1st, 2nd and 3rd degree burns
97	" " "	" " "
98	" " "	" " "
99	" " "	" " "
100	Hold chest, gasp for air	Possible chest injuries facial injuries
101	" " "	" " "
102	Sit or lay with shoulder pushed forward, breath hard	Possible chest injuries facial injuries, hands burned
103	Nauseated- dizzy- incoherent and disorientated	Head injuries
104	" " "	" "

<u>INJURY NUMBER</u>	<u>SYMPTOMS</u>	<u>MOULAGE</u>
105	Normal at first- simulate heart attack at Casualty Support Facility	Heart Attack
106	Difficulty breathing. when dressings applied	Sucking chest wound
107	Breath slow and shallow, moan and groan when moved	Impaled object in chest
108	Breath shallow and rapid, (short quick breaths)	" " "
109	Semi-conscious, pain in area of wound	Severe lacerations, profuse bleeding from arms, shock
110	" " "	" " "
111	" " "	Severe lacerations, profuse bleeding from leg injuries, shock
112	" " "	" " "
113	Unconscious	Protruding intestines, shock
114	" "	" "
115	Hold nose to try to stop bleeding, keep left arm dangling, lay on back with knees drawn up	Massive fascial injuries impaled object in left shoulder, stomach pains
116	Hold arm, try to stop bleeding	Severe brachial artery bleeding (clean cut)
117	Trembling - hallucinations anxiety	Delirium Tremens (DT's)
118	" "	" "
119	Numbness to body, don't move tilt head to one side, scream if anyone touches or moves your head	Broken neck
120	Complains about tenderness nauseated	Multiple contusions possible concussion

<u>INJURY NUMBER</u>	<u>SYMPTOMS</u>	<u>MOULAGE</u>
121	Hold arm into side- droop shoulder- pain when moved or touched, loss of use	Posterior dislocation (either side)
122	Conscious-blank stare, wants <u>own</u> doctor and no one else	Severe lacerations profuse bleeding from arms and legs, shock
123	Can't walk, crawling around complaining about pain	broken foot bones
124	Sitting in one place-laughing and crying-occasional scream	Hysterical Head injury (slight)
125	" " "	" "
126	" " "	" "
127	Soreness of area- some difficulty breathing through nose	2nd and 3rd degree burns of face, hands, arms and neck
128	Complain about feeling tired and sleepy, severe head pains, moan and groan	Skull injury
129	Lay with ankles twisted, after rescuers start to move you simulate a heart attack	Two broken ankles, heart attack to follow
130	Trembling-hallucinations-anxiety	Delirium Tremens (DT's)
131	Talk about anything and everything (stories don't agree) doesn't know where he/she is	Shock (incoherent disoriented)
132	" " "	" "
133	" " "	" "
134	Crying- looking for husband/ wife- trying to stop and question everyone, searching through debris and victims	Hysterical
135	Sitting in one place- laughing and crying, occasional scream	Hysterical Slight head injury

INJURY NUMBERSYMPTOMSMOULAGE

136	Complains about tenderness nauseated	Multiple contusions possible concussion
137	Tenderness to entire body, doesn't want anyone to touch him/her but constantly complaining to anyone and everyone	Multiple contusions (head and fascial injuries)
138	Problem breathing through nasal passage, complain about sore, stiff neck	1st degree fascial burns with lacerations, possible neck injury
139	Complain about blood- stinging sensation in area of wounds, pass out	Minor and Moderate lacerations
140	Hold head, complain about a headache and being nauseated	Concussion with contusions on head
141	Complain about blood, sore head and neck	Minor avulsed scalp with 1st degree fascial burns
142	Complain about soreness, difficulty in straightening back, some difficulty in walking, hold back	Strained back
143	Be afraid to look at legs, complain about pain and burning sensation-anxious and nervous nauseous	Fracture of both lower legs, shock
144	Pain and burning sensation in leg, sore and tenderness in other leg, chest pains, act nervous and fidgety	Compound fracture of one leg
145	" " "	" " "
146	Pain and burning sensation in area of injuries	Severe lacerations with minor bleeding on arms, face, hands and neck
147	Dizzy-blurred vision, headache-complain about feeling tired and sleepy- severe head pains, moan and groan	Skull injury

<u>INJURY NUMBER</u>	<u>SYMPTOMS</u>	<u>MOULAGE</u>
148	Act unconscious-shallow breathing	1st degree burns of arm and face
149	Sit or lay with leg underneath	Hysterical with dismemberment
150	Labored breathing	Emphysema-becoming cyanotic
151	Fainting spells	Psychogenic shock
152	Complain about sore neck, headache and earaches	Avulsed scalp, 1st and 2nd degree fascial, hand and forearm burns
153	Chest pains, hard breathing, tingling sensation in feet and arms, elbow angulated	Broken or dislocated elbow, shock
154	Pain in area, trying to hold and brace injury, wrist dangling, doesn't want anyone touching it, blurred vision, complain about noise	Fractured radius (either side), dislocated wrist, head injuries
155	Complain about soreness and tenderness to rib area, breast bone hurts when you inhale	Rib contusions, possible rib fracture
156	Feels like having a bowel movement, holding stomach	Abdominal cramps
157	Blank stare-not responsive to questions-difficulty breathing	Crushed chest, skull and fascial injuries, shock
158	Hold arm, try to stop bleeding	Severed brachial artery (clean cut)
159	Pain in area, trying to hold and brace injury, wrist dangling, doesn't want anyone touching it	Compound fracture of radius (either side), dislocated wrist (same side), minor bleeding
160	Slight dizziness-headache	Possible concussion
161	" " "	" " "
162	Sit on ground-hold side-complain about pain, moan and groan-try to stand but keep falling	Rib and leg injuries

INJURY NUMBERSYMPTOMSMOULAGE

163	Numbness to body-don't move, tilt head to one side, scream if anyone touches or tries to move head	Broken neck
164	Pain and burning sensation in area of injuries	Severe lacerations with minor bleeding on arms and face
165	Pain and burning sensation in area of injuries	" " "
166	Semi-conscious-pain in area of wounds	Severe lacerations profuse bleeding from arms shock
167	Can't walk-crawling around complaining about pain	Broken feet
168	Walking around holding side	Rib fractures
169	Disoriented-feel faint	Concussion
170	Complain about soreness, difficulty in straightening back, some difficulty in walking	Strained back
171	Dazed condition-just staring off into distance-don't respond to questioning	Minor and moderate lacerations
172	Nervous-groping and stumbling around area, calling for assistance	Loss of vision from flash fire or debris in eyes
173	" " "	" " "
174	Severe pain- turn foot outward	Broken hip with leg contusions
175	Blank stare-not responsive to questions-difficulty breathing, pain, moan and groan	Crushed chest, skull injuries, fascial injuries shock.