

## **Annex F (Tower Branch Operations) to 1-507<sup>th</sup> BACSOP**

### **1. General.**

a. The training students receive in Tower Branch refines the tasks learned by students in ground week. It also adds actions in the aircraft and in the air that students must know in order to safely jump. At the conclusion of Tower week, students must be ready to jump and to react. They must be confident in their own abilities and in the performance of their equipment. Instructors must make sure only students who are ready to jump move to jump week.

b. Tower week transitions students from individual exits to mass exits with the Mock Door Mass Exit (MDME) and the 34-foot Mock Tower Mass Exit (MTME) classes. Students continue to work on PLFs from the Improved Swing Landing Trainer (ISLT). Students learn to maneuver the parachute in the Suspended Harness Period One (SH-1) class and how to react to mid-air collisions and entanglements, and perform emergency landings in Suspended Harness Period Two (SH-2) followed by Tree Jumper Class. Students will learn how to recognize and react to malfunctions during classes on Count 3 of the "hit-it" exercise, 34-foot tower mass exits, and finally, the Malfunctions class. The students' culminating exercise during tower week is conducting a parachute drop from the 250-foot free tower. The lesson plans contain all the supporting tasks instructors must cover during the blocks of instruction and practical exercises. Appendix 3 (Tower Critical Task List) to Annex F (Tower Branch Operations) also lists the tasks for quick review. Every instructor must be thoroughly familiar with every lesson plan and capable of teaching and evaluating all the tasks in them. All classes conducted during Tower Week training will be graded by the Master Trainers. Cadre must coordinate with the Master Trainers prior to giving any Tower Week block of instruction. The visitor book must be present for any formal block of instruction. The visitor book will contain the daily risk assessment, class roster, and the inspection sheet for the training apparatus used in the class.

c. Companies will double time from their respective companies into the training area unless it is heat CAT5. When the companies leave for lunch chow they will not leave any student equipment in the training area (i.e. ACH). If the section is moving without the unlock truck they will double time to the end of the training area nearest their company and then march to the company formation area. The track is the only place that cadre can run student formations. When moving over the grass area students should be marched to avoid possible injuries. Platoon Sergeants orient students to the training area when they first move to Eubanks Field (Tower Branch training area) pointing out the various apparatuses, latrines, showers, arm immersion systems, water points, break areas, the unlock truck must follow students when they are double timing outside the training area. Students will wear ACH at all times in the training area whenever they are not seated on the benches unless it is Heat CAT 5. Students will double time in buddy teams everywhere they go in the training area unless it is Heat CAT 5.

d. Prior to the company arriving in the training area each morning and at the conclusion of each day's training, a designated Cadre member and student detail will unlock the training apparatuses and set up the training area (harnesses, arm immersion systems, etc.) and then close down the training area and relock all apparatus IAW Appendix 4 (Tower Training Area Unlock/Lock-up Checklist) to Annex F (Tower Branch Operations). All lights are turned off immediately following PRT. On the first day of the duty week when the ground company is conducting the APFT, the tower company unlocks Ground Branch. The company conducting the APFT unlocks tower branch and ensures the AIMS are in place prior to starting the PT test and are ready to be used by students.

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e. Due to limited space on some of the training apparatuses (suspended harness has only 112 useable points), companies train as platoons and rotate through the training area.

f. All safety related incidents (i.e. hung jumper on tower, jumper not hooked up on ISLT, jumper exiting the platform without being told) will immediately be reported to the Master Trainers and training will not resume until directed by the master trainers. All injuries are reported to the Tower Branch Master Trainers, to include the initial OPREP.

g. Typical Tower Branch training schedules:

(1) 5-day "standard" training week:

Start Time	End Time	Event	Who	Location	Reference
<b>Monday</b>					
0545	0600	Accountability Formation / Preparation Drill	All	Company Area	FM 3-21.5
0600	0615	Movement to Training Area	All	Battalion Area	FM 3-21.5
0615	0700	PRT	All	Tower/Ground Branch	TC 3-21.220
0700	0715	Movement to DFAC	All	Battalion Area	FM 3-21.5
0715	0745	Breakfast	All	DFAC	BACSOP
0745	0815	Personal Hygiene / Barracks Maintenance	All	Company Area	Co SOP
0815	0830	Accountability Formation / Movement to Training Area	All	Company Area	Co SOP
0830	0930	Count 3 Hit It Exercise	All	Tower Branch	ABN POI
0930	1115	Suspended Harness-1 Class / PE	1 <sup>st</sup> /2 <sup>nd</sup> PLTs	Tower Branch	ABN POI
0930	1115	Mock Door Mass Exit Class / PE	3 <sup>rd</sup> /4 <sup>th</sup> PLTs	Tower Branch	ABN POI
1115	1130	Movement to DFAC	All	Battalion Area	FM 3-21.5
1130	1230	Chow	All	DFAC	BACSOP
1230	1240	Movement to Training Area	All	Battalion Area	FM 3-21.5
1240	1800	Improved Swing Land Trainer Class and PE	1 <sup>st</sup> /2 <sup>nd</sup> PLTs	Tower Branch	ABN POI
1240	1800	Mock Tower Mass Exit Class / PE	3 <sup>rd</sup> /4 <sup>th</sup> PLTs	Tower Branch	ABN POI
1800	1815	Movement to DFAC	All	Battalion Area	FM 3-21.5
1815	1915	Dinner	All	DFAC	BACSOP
1915		Soldiers Released to PLTs	All	Company Area	Co SOP
1915	2200	PSG Time	All	Battalion Area	Co SOP
2200		Barracks Curfew	All	Company Area	Co SOP
2300		Barracks Lights Out	All	Company Area	Co SOP
<b>Tuesday</b>					
0545	0600	Accountability Formation / Preparation Drill	All	Company Area	FM 3-21.5
0600	0615	Movement to Training Area	All	Battalion Area	FM 3-21.5
0615	0700	PRT	All	Tower/Ground Branch	TC 3-21.220
0700	0715	Movement to DFAC	All	Battalion Area	FM 3-21.5
0715	0745	Breakfast	All	DFAC	BACSOP
0745	0815	Personal Hygiene / Barracks Maintenance	All	Company Area	Co SOP
0815	0830	Movement to Training Area	All	Battalion Area	FM 3-21.5
0900	0945	Company Pictures	All	ABN Walk	Co SOP
0945	1120	Improved Swing Landing Trainer PE	1 <sup>st</sup> /2 <sup>nd</sup> PLTs	Tower Branch	ABN POI
0945	1120	Mock Tower Mass Exit PE	3 <sup>rd</sup> /4 <sup>th</sup> PLTs	Tower Branch	ABN POI
1120	1130	Movement to DFAC	All	Battalion Area	FM 3-21.5
1130	1300	Lunch	All	DFAC	BACSOP
1200	1300	Set Up 250' Tower Class	SEL PERS	Tower Branch	BACSOP
1300	1240 1315	Movement to Training Area	All	Battalion Area	FM 3-21.5
1315	1330	250' Tower Class	All	Tower Branch	ABN POI
1330	1515	Improved Swing Landing Trainer PE	1 <sup>st</sup> /2 <sup>nd</sup> PLTs	Tower Branch	ABN POI
1315	1500	Mock Tower Mass Exit PE	3 <sup>rd</sup> /4 <sup>th</sup> PLTs	Tower Branch	ABN POI
1515	1800	MDME class and PE	1 <sup>st</sup> /2 <sup>nd</sup> PLTs	Tower Branch	ABN POI
1515	1800	Suspended Harness -1 Class / PE	3 <sup>rd</sup> /4 <sup>th</sup> PLTs	Tower Branch	ABN POI
1800	1815	Movement to DFAC	All	Battalion Area	FM 3-21.5
1815	1915	Dinner	All	DFAC	BACSOP
1915		Soldiers Released to PLTs	All	Company Area	Co SOP
1915	2200	PSG Time	All	Battalion Area	Co SOP
2200		Barracks Curfew	All	Company Area	Co SOP
2300		Barracks Lights Out	All	Company Area	Co SOP

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Wednesday					
0545	0600	Accountability Formation / Preparation Drill	All	Company Area	FM 3-21.5
0600	0615	Movement to Training Area	All	Battalion Area	FM 3-21.5
0615	0715	PRT	3 <sup>rd</sup> /4 <sup>th</sup> PLTs	Tower Branch	TC 3-21.220
0600	0650	PLFs/Set Up 250' Free Tower/ Breakfast (M)	1 <sup>st</sup> /2 <sup>nd</sup> PLTs	Tower Branch	BACSOP
0650	0730	Base Sergeant Orientation/Peak Chutes	1 <sup>st</sup> /2 <sup>nd</sup> PLTs	Tower Branch	BACSOP
0730	0800	Breakfast	3 <sup>rd</sup> /4 <sup>th</sup> PLTs	Tower Branch	Co SOP
0730	1200	250' Free Tower Operations	1 <sup>st</sup> /2 <sup>nd</sup> PLTs	Tower Branch	ABN POI
0730	1200	Improved Swing Landing Trainer Class / PE	3 <sup>rd</sup> /4 <sup>th</sup> PLTs	Tower Branch	ABN POI
1130	1230	Lunch (M)	All	Tower Branch	BACSOP
1230	1800	Improved Swing Landing Trainer PE	3 <sup>rd</sup> /4 <sup>th</sup> PLTs	Tower Branch	ABN POI
1230	1600	250' Free Tower Operations	1 <sup>st</sup> /2 <sup>nd</sup> PLTs	Tower Branch	ABN POI
1600	1800	MTME class and PE	1 <sup>st</sup> /2 <sup>nd</sup> PLTs	Tower Branch	ABN POI
1800	1815	Movement to DFAC	All	Battalion Area	FM 3-21.5
1815	1915	Dinner	All	DFAC	BACSOP
1915		Soldiers Released to PLTs	All	Company Area	Co SOP
1915	2200	PSG Time	All	Battalion Area	Co SOP
2200		Barracks Curfew	All	Company Area	Co SOP
2300		Barracks Lights Out	All	Company Area	Co SOP
Thursday					
0545	0600	Accountability Formation / Preparation Drill	All	Company Area	FM 3-21.5
0600	0615	Movement to Training Area	All	Battalion Area	FM 3-21.5
0615	0715	PRT	1 <sup>st</sup> /2 <sup>nd</sup> PLTs	Tower Branch	TC 3-21.220
0600	0650	PLFs/Set Up 250' Free Tower/ Breakfast (M)	3 <sup>rd</sup> /4 <sup>th</sup> PLTs	Tower Branch	BACSOP
0650	0730	Base Sergeant Orientation/Peak Chutes	3 <sup>rd</sup> /4 <sup>th</sup> PLTs	Tower Branch	ABN POI
0730	0800	Breakfast	1 <sup>st</sup> /2 <sup>nd</sup> PLTs	Tower Branch	Co SOP
0730	1200	250' Free Tower Operations	3 <sup>rd</sup> /4 <sup>th</sup> PLTs	Tower Branch	ABN POI
0730	1200	Mock Tower Mass Exit PE	1 <sup>st</sup> /2 <sup>nd</sup> PLTs	Tower Branch	ABN POI
1130	1230	Lunch (M)	All	Tower Branch	BACSOP
1230	1800	Mock Tower Mass Exit PE	1 <sup>st</sup> /2 <sup>nd</sup> PLTs	Tower Branch	ABN POI
1230	1600	250' Free Tower Operations	3 <sup>rd</sup> /4 <sup>th</sup> PLTs	Tower Branch	ABN POI
1630	1800	Suspended Harness-2 /Tree Jumper Class	All	Tower Branch	ABN POI
1800	1815	Movement to DFAC	All	Battalion Area	FM 3-21.5
1815	1915	Dinner	All	DFAC	BACSOP
1915		Soldiers Released to PLTs	All	Company Area	Co SOP
2200		Barracks Curfew	All	Company Area	Co SOP
2300		Barracks Lights Out	All	Company Area	Co SOP
Friday					
0545	0600	Accountability Formation / Preparation Drill	All	Company Area	FM 3-21.5
0600	0700	PRT	All	Tower Branch	ABN POI
0700	0715	Movement to DFAC	All	Battalion Area	FM 3-21.5
0715	0800	Breakfast	All	DFAC	Co SOP
0800	0845	Personal Hygiene / Barracks Maintenance	All	Company Area	Co SOP
0845	0900	Movement to Training Area	All	Battalion Area	FM 3-21.5
0900	1115	Suspended Harness-2 PE/Clear TNG AO	All	Tower Branch	ABN POI
1115	1130	Movement to DFAC	All	Battalion Area	FM 3-21.5
1130	1230	Lunch	All	DFAC	Co SOP
1230	1240	Movement to Training Area	All	Battalion Area	FM 3-21.5
1240	1400	Suspended Harness-2 PE/Clear TNG AO	All	Tower Branch	ABN POI
1400	1500	Set Up Malfunctions Class (250')	SEL PERs	Near Tower	BACSOP
1400	1500	Manifest Call	All	Tower Branch	Co SOP
1600	1645	Malfunctions Class	All	Tower Branch	ABN POI
1645	1700	Movement to Jump Branch	All	Battalion Area	FM 3-21.5
1700	UTC	RIGEX	All	Jump Branch	ABN POI
2200		Barracks Curfew	All	Company Area	Co SOP
2300		Barracks Lights Out	All	Company Area	Co SOP

**NOTE: If tower operations cannot be conducted due to weather conditions or any other environmental hazard, the company will move to its next major training event.**

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### (2) 4-day “non-standard” training week:

Start Time	End Time	Event	Who	Location	Reference
<b>Day 1</b>					
0545	0600	Accountability Formation / Preparation Drill	All	Company Area	FM 3-21.5
0600	0700	PRT	All	Tower/Ground Branch	TC 3-21.220
0700	0715	Movement to DFAC	All	Battalion Area	FM 3-21.5
0715	0745	Breakfast	All	DFAC	BACSOP
0745	0815	Personal Hygiene / Barracks Maintenance	All	Company Area	Co SOP
0815	0830	Movement to Training Area	All	Company Area	Co SOP
0830	0930	Count 3 Hit It Exercise	All	Tower Branch	ABN POI
0930	1115	Suspended Harness-1 Class / PE	1 <sup>st</sup> /2 <sup>nd</sup> PLTs	Tower Branch	ABN POI
0930	1115	MDME Class & PE	3 <sup>rd</sup> /4 <sup>th</sup> PLTs	Tower Branch	ABN POI
1115	1130	Movement to DFAC	All	Battalion Area	FM 3-21.5
1130	1230	Lunch	All	DFAC	BACSOP
1230	1240	Movement to Training Area	All	Battalion Area	FM 3-21.5
1240	1800	MTME Class & PE	3 <sup>rd</sup> /4 <sup>th</sup> PLTs	Tower Branch	ABN POI
1240	1800	Improved Swing Landing Trainer Class / PE	1 <sup>st</sup> /2 <sup>nd</sup> PLTs	Tower Branch	ABN POI
1800	1815	Movement to DFAC	All	Battalion Area	FM 3-21.5
1815	1915	Dinner	All	DFAC	BACSOP
1915		Soldiers Released to PLTs	All	Company Area	Co SOP
1915	2200	PSG's Time	All	Battalion Area	Co SOP
2200		Barracks Curfew	All	Company Area	Co SOP
2300		Barracks Lights Out	All	Company Area	Co SOP
<b>Day 2</b>					
0545	0600	Accountability Formation / Preparation Drill	All	Company Area	FM 3-21.5
0600	0700	PRT	All	Tower/Ground Branch	TC 3-21.220
0700	0715	Movement to DFAC	All	Battalion Area	FM 3-21.5
0715	0800	Breakfast	All	Company Area	BACSOP
0800	0850	Personal Hygiene / Barracks Maintenance	All	Company Area	Co SOP
0850	0900	Movement to Training Area	All	Battalion Area	FM 3-21.5
0900	0945	Company Pictures	All	ABN Walk	Co SOP
0945	1115	Improved Swing Landing Trainer PE	1 <sup>st</sup> /2 <sup>nd</sup> PLTs	Tower Branch	ABN POI
0945	1115	MTME PE	3 <sup>rd</sup> /4 <sup>th</sup> PLTs	Tower Branch	ABN POI
1115	1130	Movement to DFAC	All	Battalion Area	FM 3-21.5
1130	1230	Lunch	All	DFAC	BACSOP
1230	1240	Movement to Training Area	All	Battalion Area	FM 3-21.5
1240	1510	Suspended Harness-1 Class / PE	3 <sup>rd</sup> /4 <sup>th</sup> PLTs	Tower Branch	ABN POI
1240	1510	Mock Door Mass Exit Class / PE	1 <sup>st</sup> /2 <sup>nd</sup> PLTs	Tower Branch	ABN POI
1510	1800	Mock Tower Mass Exit Class / PE	1 <sup>st</sup> /2 <sup>nd</sup> PLTs	Tower Branch	ABN POI
1510	1800	Improved Swing Landing Trainer Class & PE	3 <sup>rd</sup> /4 <sup>th</sup> PLTs	Tower Branch	ABN POI
1800	1815	Movement to DFAC	All	Battalion Area	FM 3-21.5
1815	1915	Dinner	All	DFAC	BACSOP
1915		Soldiers Released to PLTs	All	Company Area	Co SOP
1915	2200	PSG's Time	All	Battalion Area	Co SOP
2200		Barracks Curfew	All	Company Area	Co SOP
2300		Barracks Lights Out	All	Company Area	Co SOP
<b>Day 3</b>					
0545	0600	Accountability Formation / Preparation Drill	All	Company Area	FM 3-21.5
0600	0700	PRT	All	Tower Branch	TC 3-21.220
0700	0715	Movement to DFAC	All	Battalion Area	FM 3-21.5
0715	0800	Breakfast	All	DFAC	BACSOP
0800	0850	Personal Hygiene / Barracks Maintenance	All	Company Area	Co SOP
0850	0900	Movement to Training Area	All	Battalion Area	FM 3-21.5
0900	1115	Improved Swing Landing Trainer PE	3 <sup>rd</sup> /4 <sup>th</sup> PLTs	Tower Branch	ABNPOI
0900	1115	Mock Tower Mass Exit PE	1 <sup>st</sup> /2 <sup>nd</sup> PLTs	Tower Branch	ABN POI
1115	1130	Movement to DFAC	All	Battalion Area	FM 3-21.5
1130	1230	Lunch	All	Tower Branch	BACSOP
1230	1240	Movement to Tower Branch	All	Battalion Area	FM 3-21.5
1240	1800	Improved Swing Landing Trainer PE	3 <sup>rd</sup> /4 <sup>th</sup> PLTs	Tower Branch	ABNPOI
1240	1800	Mock Tower Mass Exit PE	1 <sup>st</sup> /2 <sup>nd</sup> PLTs	Tower Branch	ABN POI
1800	1815	Movement to DFAC	All	Battalion Area	FM 3-21.5
1815	1915	Dinner	All	DFAC	BACSOP

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1915		Soldiers Released to PLTs	All	Company Area	Co SOP
1915	2200	PSG Time	All	Battalion Area	Co SOP
2200		Barracks Curfew	All	Company Area	Co SOP
2300		Barracks Lights Out	All	Company Area	Co SOP
<b>Day 4</b>					
0545	0600	Accountability Formation	All	Company Area	FM 3-21.5
0600	0730	SH-2/Tree Jumper Class	All	Battalion Area	TC 3-21.220
0730	0745	Movement to DFAC	All	Battalion Area	FM 3-21.5
0745	0815	Breakfast	All	DFAC	Co SOP
0815	0830	Movement to Training Area	All	Battalion Area	FM 3-21.5
0900	1115	Suspended Harness-2 PE	All	Tower Branch	ABN POI
1115	1130	Movement to DFAC	All	Battalion Area	FM 3-21.5
1130	1230	Lunch	All	DFAC	Co SOP
1230	1240	Movement to Training Area	All	Battalion Area	FM 3-21.5
1240	UTC	SH-2 PE/Clear Training Area	All	Tower Branch	ABN POI
1500	1600	Set Up Malfunctions Class (250')	SEL PERs	Near Tower	BACSOP
1530	1600	Manifest Call	All	Tower Branch	Co SOP
1600	1645	Malfunctions Class	All	Tower Branch	ABN POI
1700	1715	Movement to Jump Branch	All	Battalion Area	Co SOP
1715	UTC	RIGEX	All	Jump Branch	ABN POI
1815	1915	Dinner (no-march)	All	DFAC	Co SOP
1915		Soldiers Released to PLTs	All	Company Area	Co SOP
1915	2200	PSG Time	All	Battalion Area	Co SOP
2200		Barracks Curfew	All	Company Area	Co SOP
2300		Barracks Lights Out	All	Company Area	Co SOP

Tower Week Planning Considerations	
Event	Hours
SH-1	1 hr 45 mins
ISLT	7 hrs
MDME/SARJE-T	3 hrs
MTME	6 hrs
Count 3	30 mins
SH-2 / Tree Jumper	4 hrs
250' Operations	8 hrs (per section)
Manifest	30 mins
Malfunctions	1 hr

### 2. Count 3 of the “hit-it” exercise.

a. Give this informal class before the first formal block of instruction for tower week (MDME or SH-1). This informal block of instruction is given only at Tower Branch on the first day of training. Demonstrators wear a parachute harness and reserve. The demonstrator will activate the T-11R parachute for a total and partial malfunction. During the practical exercise the AI will remain in front of the students demonstrating how to react to the different malfunctions.

b. Instructors conduct Counts 3 of the “hit-it” exercise hourly at a minimum during tower week.

### 3. Mock Door Mass Exit (MDME).

a. Platoons must teach this class and complete the PE prior to moving to the 34-foot MTME class. The PI will be a jumpmaster. The class will be given using the C-130 doors the demonstrators are not blocked from view. The PI explains the duties and responsibilities of the Jumpmaster and Safety Team that are executed during Jump Week. The PI conducts a detailed talk through of actions in the aircraft and SARJE-T briefing IAW Appendix 1 (SARJE-T Brief

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SOP Checklist) to Annex F (Tower Branch Operations). After the talk through of actions in the aircraft it will be demonstrated at normal speed. This orientation is discussed before any training begins in the mock door.

b. The practical exercise in the mock-ups requires the two Jumpmasters and two safeties inside the aircraft and one observer stationed outside each jump doors. The PI and Jumpmasters are Jumpmaster qualified. Safeties should be Jumpmaster qualified, if possible, but is not required.

c. Students execute a minimum of-6 exits: 2 x ADEPT option 2 and 1 mass exit with combat equipment from a C-130 and C-17 mock-up. Students will conduct 1 total malfunction and 1 partial malfunction during the last exit out of each mock door.

d. The Jumpmaster and Safety may switch duties after every pass during the practical exercise. Ensure JM Safety checks the HPT lowering line after “sound of for equipment check,” during combat equipment exits.

### **4. 34-foot Mock Tower Mass Exit (MTME).**

a. Platoons must teach this class and complete the PE prior to moving to SH-1.

b. Instructors must thoroughly inspect all parts of the Mock Tower apparatus ensuring the top hatch and all windows are open prior to each training session. Ensure the tower inspection sheet is turned in to the Master Trainer before operations begin. When hooking up jumpers, the #1 jumper will be on the outermost cable. If you have a 3 man group, the unused riser will remain hooked to the rope and be sent back to the mound.

c. After the formal block of instruction, instructors give an informal block of instruction to all students on how to properly rig the MOLLE and MAWC. There are 40 sets of combat equipment in each tower.

d. Students will be broken down into 4 man groups. If there is an odd number the minimum number of jumpers in a group will be 3. All students buddy-rig to get into and out of the harness, to include attachment of combat equipment at the metal harness rack. Instructors must thoroughly inspect all students once in the harness for proper fit and ensure all butterfly snaps are attached to the D-rings/Equipment Rings before the students enter the mock door.

e. The mock door Jumpmaster posts himself **INSIDE** the mock door to observe and critique proper activation of the reserve parachute. Students will activate the reserve parachute upon exiting the mock door, they will simulate lowering the combat equipment. Students exit the mock door prior to each exit from the 34ft Mock Tower.

f. The tower grader is a qualified Black Hat. There must be a certified Black Hat in the mock tower during operations if available. If there is no available Black Hat, a certified instructor can throw the tower.

g. Students move in their 3 or 4 man groups at all times. Once on a tier, jumpers face the berm, one behind the other covering their rip cord handle. Students do not crowd the stairwell or lean/sit on the rails.

h. The mound detail and rope men are not authorized to sit on the mound or the wall. They are to stand at “parade rest” facing the tower. Instructors post an NCO or Officer on both sides

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of the mound to ensure jumpers attach the risers to the D-rings/Equipment Rings and move as a group.

i. Jumpers on the brown benches are to maintain heel-to-heel contact with feet and knees together at all times.

j. All canteens and ACHs are grounded behind the brown benches dress right dressed in a formation area.

k. Students are not allowed under the cables or in the base of the tower without an ACH worn.

l. Students make a minimum of 8 exits from the tower. Right door (1 x A/NT for a partial malfunction, 1 x A/NT for a total malfunction, 1 x CE with no malfunction, and 1 x CE for total malfunctions with the T-11R) Left door (1 x A/NT for a partial malfunction, (1 x AN/NT for a total malfunction, 1 x CE with no malfunction, and 1 X CE for a total malfunction with the T-11R) the group must make up every unsatisfactory exit.

m. All unserviceable equipment is brought to the Master Trainer at the end of that day's training.

n. All equipment is stored in the mock tower IAW the diagram on the door. All equipment is returned to original configuration before being stored below the tower.

### **5. Suspended Harness period one (SH-1)**

a. Platoons must teach this class and complete the PE prior to moving to ISLT.

b. Instructors must thoroughly inspect all parts of the Suspended Harness apparatus and the inspection sheet is turned in to the Master Trainer before the class and or operations begin. Platoons conduct the SH-1 class and practical exercise IAW the Airborne POI. The SH apparatus has only 112 useable points. Only SH harnesses will be used during this training event.

c. Students will be paired up and they will buddy rig into the harness outside of the pit. At changeover the students will disconnect from the risers and get out of the harness outside of the pit. They will then buddy rig the coach into the harness. All students will be inspected by instructor prior to entering the pit. Coaches secure their jumper by the diagonal back strap and the main lift web. Students must conduct both coach and jumper duties for the practical exercise to reinforce the procedures learned.

d. Have the students ground their canteens beneath the catwalks by their positions.

e. Make sure the students mount the catwalks only by the stairs.

f. There must be one instructor per catwalk for every platform used by students during the PE.

### **6. Improved Swing Landing Trainer (ISLT)**

a. Platoons conduct the class IAW the Airborne TSP. Company Chain of command (CDR, 1SG, or XO) must be present while ISLT training is being conducted.

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b. Students must have executed the SH-1 PE before moving to ISLT training. Students must also qualify on the ISLT before they can drop from the 250-foot free tower.

c. Instructors should rig as close to 10 students in the harness as they can and still have the required number of detail personnel.

d. Instructors must inspect students to ensure they are properly rigged in the harnesses.

e. All cadre will receive and sign the ISLT brief from the Master Trainers prior to conducting training. Instructors must thoroughly inspect all parts of the ISLT apparatus in accordance with ISLT inspection sheet prior to each training session. Students are not authorized to adjust the ISLT.

f. Student jumpers do not wear gloves on the ISLT. Instructors operating the apparatus can wear issued gloves.

g. For the Improved Swing Landing Trainer (ISLT), the student detail consists of two hold men, one unhook man, one rehab man, and one hook up assistant (there is no rank requirement for the hook up assistant, per active point. The hook up assistant holds onto the rope just below the chain after the jumper is attached until the instructor takes the rope from him to hook up the appropriate colored shackle. The instructor receives the height adjustment color from the stationary rope man and then takes control of the rope from the hook up assistant. The instructor attaches the colored shackle to the apparatus ensuring the activating arm is in the down locked position. The instructor physically checks that the shackle is secured, and that the activating arm is locked down (by pulling up on the chain, and pushing down on the activating arm.) He grasps the rope just below the chain, leans back and then visually ensures that the activating arm is in the down locked position prior to having the student clear the platform. The rehab man will be located outside of the ISLT pit in line with the yellow painted portion. They will rehab the CRA before the jumper returns to the stairs. Instructors begin operations using one point only, and are then cleared to operate second point by the Master Trainer.

h. Students execute a minimum of two falls for side PLFs and four falls for front and rear PLFs. For every incorrect PLF on the grade sheet, that PLF must be made up.

i. Students are not to conduct more than 20 falls from the ISLT on any one day. All instructors must use their best judgment after a student hits their head on the ground. Minor impacts (i.e. chin not on chest) with the ground will occur; however, making hard impacts with the ground (#8 hit head will be annotated on the grade sheet); especially after multiple falls. If a student shows signs of a concussion; that student needs to be pulled out of the harness and seen by medical personnel.

j. The instructor orders the student, by roster number, to clear the platform. The instructor ensures the jumper executes a half-chin up, exaggerates bending at the knees, picks up their feet, and drags their toes off the platform. Do not allow the jumper to jump off the platform.

k. Instructors do not allow the jumper to swing more than 3 times for side or front falls and no more than 4 times for rear falls. Instructors drop students from a height between 2.5 to 3.5 feet (within the yellow paint).

l. Instructors ensure that students activate both CRAs while on their back. The jumper stands up before the Unhook man detaches the risers IOT prevent injury to the jumper.

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m. All canteens and ACHs are grounded to the sides of the pit, dress right dressed in a formation area, so as not to impede the flow of traffic into and out of the pit. No equipment will be placed behind the back wall of each ISLT pit.

n. Students are not authorized to sit or stack anything on the walls of the ISLT pit. Students are not allowed to sit inside the pit.

o. Instructors reinforce rip cord handle awareness at all times and feet and knees together while waiting in line.

p. Students will wear the ACH anytime they are not sitting on the benches.

q. Students on break are to be in the same uniform at all times as mandated by their Commander/ First Sergeant or Platoon Sergeant.

### **7. Suspended Harness Period Two (SH-2).**

a. MTME and ISLT training must be complete before moving on to SH-2.

b. Only SH harnesses will be used during this training event. There must be one instructor per catwalk during the PE. Students will be paired up and they will buddy rig into the harness outside of the pit. At changeover the students will disconnect from the risers and get out of the harness outside of the pit. They will then buddy rig the coach into the harness. All students will be inspected by instructor prior to entering the pit.

c. Instructors must thoroughly inspect all parts of the Suspended Harness apparatus and the inspection sheet is turned in to the Master Trainer before the class and or operations begin. Platoons conduct the SH-2 class as a company and the practical exercise will be conducted by sections. Students must conduct both coach and jumper duties for the practical exercise to reinforce the procedures learned.

d. Emphasize that during jump week if students land in the trees, they will remain where they are at until drop zone personnel recover them.

e. Emergency procedures for upper and lower jumper will be covered two times during each practical exercise. Do not move on with the PE until the students successfully demonstrate the required actions.

f. Tree Jumper Class - Immediately following the SH-2 formal period of instruction, instructors move the company to the ISLT bleachers for a demonstration of recovering from a tree landing.

### **8. Malfunctions.**

a. All tower classes and practice exercises must be completed prior malfunctions.

b. Because the company presents this class only once and it is a mandatory block of instruction before jump week, companies will conduct manifest call (100% accountability) from a class roster prior to beginning the class. All students, to include Juliet's, must attend.

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c. At least 1 hour prior to the class time, the PI ensures that his 10-man rigging detail reports to the 250-foot tower, with ACH, to set up for the class.

d. In the event of inclement weather, the class may be performed at McCarthy Hall or Building 4; this visual aid is kept with the Master Trainer in Tower Branch.

### **9. 250ft Free Tower.**

a. All students must pass ISLT with a “Go” or they cannot conduct the 250ft Free Tower.

b. Companies submit a Tower Usage Report during their support week, this memorandum will include any dates/time when the company plans to use the 250’ free tower i.e. ABN 5000 / 250’ Ops / Malfunctions / Parachute Orientation.

c. The tower Master Trainer team certifies “Mike” SGTs, man-in-the-steel rescue teams, and all other assigned positions for 250-foot tower operations prior to cadre conducting operations. Companies maintain memorandums for record documenting all certification training and results for 250-foot tower operations.

d. Quarterly 250-foot tower “man-in-the-steel” drill certification. No more than 90 days may elapse between the execution of 250’ tower training before a trainer loses their certification.

e. The companies must furnish the Master Trainers an updated Appendix 6 (Rescue Operations Manning Report) to Annex F (Tower Branch Operations) prior to commencing tower operations.

f. Rescue certification is by position, and is good for a 90 day period.

g. The “Mike” SGT is to be a SFC certified Blackhat or qualified SSG approved by the Battalion Commander. The use of a SSG as a “Mike” SGT will not become SOP and is used only when no SFC “Mike” SGTs are available. The “Mike” SGT is in overall charge of training on that tower. The “Mike” sergeant must supervise setting up the tower for training. The “Mike” Sergeant must send a 10-man rigging detail, with ACH, to the tower at least 1 hour prior to training. This also applies to “Airborne 5000”.

h. The “Base” SGT is a certified instructor and conducts a new orientation brief at the beginning of every day’s training on the 250-foot tower or whenever his detail has completely changed.

i. The “Arm” SGTs will be Base SGT Certified and a certified Black Hat instructor.

j. Whenever the 250ft Free Tower is in operation, either the Company Commander (XO if on assumption of command orders) or 1SG must be present at the 250’ tower while training is being conducted.

k. Students wear their ACH whenever they are in the plowed area.

l. The company posts road guards when it uses the tower closest to the DFAC. The road guards stop traffic from the time jumpers leave the ground until both jumpers are on the ground.

m. Companies do not operate the tower if the steel is wet, icy, too hot, if electrical storm(s) are nearby, or if winds are too high (greater than 13 knots at the top of the tower or greater than 10 knots on the ground). If the temperature is at Heat CAT 5 the motors must be monitored

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closely to avoid overheating. If an overheating problem arises the motors will be shut down for 10 minutes. IAW 250' Tower Operations Manual. If winds exceed the set limits on one tower, both towers will start a 10-minute window. Parachute Orientation is postponed if winds are greater than 10 knots on the ground. This class is then conducted once the winds are below 10 knots.

n. If the company is running both towers, each tower is to have a separate and distinct rescue detail. If a jumper goes into the steel, the company ceases operations on both towers until the jumper is down.

o. Wind limitations for the 250' Tower Class/Operations are 13 knots aloft and 10 knots on the ground. If winds exceed the set limits (including gust) Tower Operations will cease and the company in training will begin a 10-minute wind hold; after 3 consecutive 10-minute wind holds occur due to high winds the company Chain of Command or Master Trainers will contact the S-3 for guidance. A decision will be made to cancel or delay operations based on the weather conditions and the recommendations from the company and Master Trainers.

p. The company must have a truck available in the training area for medical evacuations whenever the 250-foot tower is in operation.

q. The "Mike" SGT gives the Master Trainer a completed manning roster at the end of each training day.

r. If the company has a jumper (student or Cadre) go into the steel, the company files a "man in the steel" report, Appendix 6 (Man in the Steel Report) to Annex M (Tower Branch Operations), with the tower Master Trainers and the Battalion S-3 within 20 minutes. The CDR or 1SG then immediately notifies the Battalion chain of command telephonically. If a Black Hat is responsible for a "man in the steel," he is decertified pending review by the Battalion Commander/CSM and Tower Master Trainer.

s. The two man (climber) executing the rescue operation for a "man in the steel" is authorized to wear gloves.

t. The "Mike" SGT carries a copy of the 250' operation manual (the SOP for the 250' free tower) on-hand during operations. Any questions regarding certification/decertification or operations can be found in the 250' Operations manual or through the Master Trainers.

### **10. Clearing Tower Branch.**

a. Clearing Tower Branch is a company effort and involves multiple instructors and students. Clearing tasks are assigned by the Unlock NCO or by a Platoon Sergeant. When signing for equipment, Cadre will inspect the property and confirm equipment received is the same as equipment signed for.

b. All equipment is rehabbed and returned in the same condition it was issued

c. All demonstration equipment is to be stored after the period of instruction. Exceptions are approved on a case-by-case basis from the Master Trainer. All POI books and keys are returned at the end of the week before the company is cleared.

If the Master Trainer is not available for turn in of equipment, companies are to secure the equipment and return to Master Trainer the next training day.

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### Appendix 1 (SERJT-E Brief SOP)

#### 1. STATIC LINE CONTROL

- a. After the Jumpmaster issues you the command “Hook Up” you will remove the Universal Static Line Snap Hook from the top carrying handle of your reserve parachute. You will hook up to the outboard anchor line cable with the spring opening gate facing toward the skin of the aircraft. You will then form a bite in the Universal Static Line Modified making sure you have a good four in the hand and two below bite. Do not touch the double sewn portion (the double sewn portion is for the Jumpmaster Safety). Trace the Universal Static Line Modified over the appropriate shoulder then cover your Ripcord Handle with your non static line hand. The first three jumpers will have their arm in the elbow lock position. This will create your one second interval. The remaining jumpers will have their arm up high and stagger inboard and outboard.

#### 2. EXITING PROCEDURES

- a. As the jumpers move to the paratroop door, you will lock your arm out to the elbow lock position. As you near the jump door you will make eye to eye contact with the Jumpmaster Safety, the Jumpmaster Safety will take control of your universal static line modified. Bring your static line hand straight down and place both hands on the ends of your reserve (ensuring that you **DO NOT** swim the static line). Turn at a 90 degree angle into the paratroop door, and make a vigorous exit (up six inches and out 36 inches) and count to 6000.

#### 3. RED LIGHT PROCEDURES

- a. There are multiple reasons a red light could come on during flight. Out of drop zone, obstacles on the drop zone, low flying aircraft, rotary wing aircraft, etc. If a red light comes on during exit, the Jumpmaster will place his hand in the jumpers face and give the command “**red light, red light, red light,**” pushing the stick away from the paratroop door. If you have already bisected the paratroop door no one will stop you, go ahead and get a good vigorous exit out of the aircraft.

#### 4. JUMP REFUSALS

- a. There should be no jump refusals on the aircraft but if you refuse to jump the jumpmaster will give the command of “**green light go, green light go, green light go.**” (3 x physical and verbal). If the jumper fails to exit after the third command, the Safety secures the jumper by the pack tray, and tell you “**you are a jump refusal, I am removing you from the paratroop door,**” and removes the jumper from the paratroop door. The Jumpmaster will secure the open paratrooper door. The Safety seats the jumper out of the way (ramp or inboard seat) and gives the jumper a lawful order to not touch their equipment. The Jumpmaster team will then continue to exit jumpers if green light permits. Once the paratroop doors are closed, the safety will unhook your universal static line and move you towards the forward portion of the aircraft, sit you down and once again tell you “**do not touch your equipment**”. Upon landing the Safety will take positive control of you and transfer you to the DACO. You will receive a JMPI from the DACO and a technical inspection will be conducted of your equipment by a Parachute Rigger. If something is found wrong with the jumper’s equipment no action against the jumper will be taken. If no deficiencies are found, the jumper is turned over to the chain of command for appropriate actions IAW unit SOP.

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### 5. TOWED JUMPER PROCEDURES

- a. If you become a towed jumper, and are being towed by your Universal Static Line Modified and are unconscious; you will be retrieved back inside the aircraft. If you are conscious, maintain a good tight body position with both hands covering your ripcord handle and an attempt will be made to retrieve you inside the aircraft. As you near the paratroop door, **DO NOT REACH FOR US**, continue to protect your Ripcord Handle with both hands. If you cannot be retrieved, your Universal Static Line Modified will be cut. Once you feel yourself falling free from the aircraft, immediately activate your reserve parachute using the pull drop method. If you are being towed by your equipment, regardless of whether you are conscious or unconscious, that item of equipment will be cut or joggled free, and your main canopy will deploy.

**NOTE:** The following will be conducted by the JM Team WITH the jumpers inside the mock door.

### 6. EMERGENCY PROCEDURES

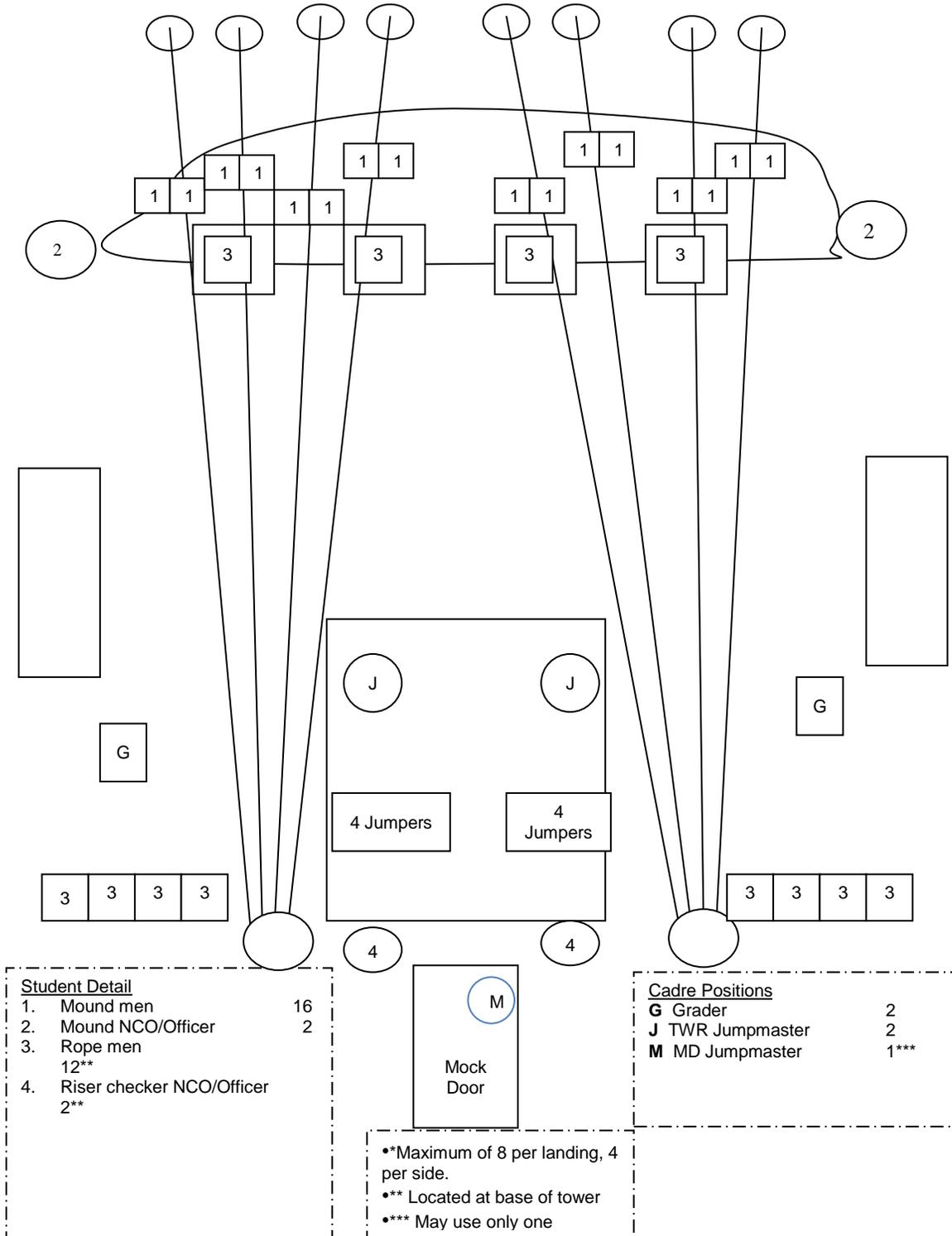
- a. **Ground evacuation / Continuous ringing of the alarm bell:** If you're inside the aircraft and you hear **one continuous ring of the alarm bell**. That's crash landing during takeoff. Remain seated extend your legs out to a 45 degree angle wrap your arms around your legs and place your head on your knees until the aircraft stops. Then exit under the direction of the Jumpmasters or loadmaster.
- b. **Crash landing /Ditching / Six short rings of the alarm bell or oral warning:** If you're inside the aircraft and you hear **six short ring of the alarm bell or oral warning**. That's crash landing during flight. Remain seated rotate your legs out to a 45 degree angle wrap your arms around your legs and place your head on your knees until the aircraft stops. Then exit under the direction of the Jumpmasters or loadmaster.
- c. **Accidental activation of reserve inside the aircraft with doors closed.** If you're inside the aircraft and the doors are closed and a reserve is activated; the jumpers will sound off with **RESERVE, RESERVE, RESERVE**. Once the parachute is contained one of the jumpers will get the Jumpmasters attention by placing their hand or arm over an anchor line cable. The Jumpmaster will then replace that reserve with a new one and you will continue the airborne operation.
- d. **Accidental activation of reserve inside aircraft with doors open.** If you're inside the aircraft and the doors are open and a reserve is activated and you are forward of the wheel well (towards the pilots compartment) you will sound off with **RESERVE, RESERVE, RESERVE**. Once the parachute is contained one of the jumpers will get the Jumpmasters attention by placing their hand or arm over the anchor line cable. The Jumpmasters will close the jump doors then replace that reserve with a new one and you will exit the aircraft on the next pass. If you're aft of the wheel well (toward jump doors) or center mass aft towards the paratroop door on a C-17 every attempt will be made to contain the parachute. If the reserve starts to snake towards the jump door the jumper must exit the aircraft immediately, jumpers in front of the activated reserve must clear a path for the jumper by either exiting the aircraft, standing on their seat, or up on the ramp.

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- e. **Fire during flight.** If you are inside the aircraft and hear an oral warning of a fire while in flight, move from the area, the Loadmasters will attempt to extinguish fire. Be prepared to execute bailout procedures if instructed to do so.
  
- f. **Bailout/Three short rings of alarm bell or oral warning:** If you're inside the aircraft and you hear **three short rings of the alarm bell or oral warning**. That's emergency bailout. The Jumpmasters will issue you shorten jump commands "stand up, hook up" on the continuous ring; exit the aircraft under direction of the PJM.

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## Appendix 2 (34' Mock Tower Set-up)



## Annex F (Tower Branch Operations) to 1-507th BACSOP

### Appendix 3 (Tower Critical Task List)

#### 1. Counts 3 “Hit-It Exercise”.

- a. Execute the proper procedure for activating T-11R for a total and partial malfunction.

#### 2. Task: Mock Door Mass Exit (MDME).

- a. Explain Jumpmaster and Safety duties and responsibilities and where they will be positioned inside the aircraft
- b. Execute Mock Door Training brief
- c. Execute jump command “get ready.”
- d. Execute jump command “outboard personnel, stand up.”
- e. Execute jump command “inboard personnel, stand up.”
- f. Execute jump command “hook up.”
- g. Execute jump command “check static lines.”
- h. Execute jump command “check equipment.”
- i. Execute jump command “sound off for equipment check.”
- j. Execute jump command “stand by.”
- k. Execute jump command “go” from a C-130, and C-17 aircraft.

#### 3. Task: 34’ MTME.

- a. Exit the 34’ tower safely a minimum of eight (8) times, 4 from each door:
- b. A/NT, mass exit; react to a partial parachute malfunction (pull/drop with T-11R).
- c. A/NT, mass exit; react to a total parachute malfunction (pull/drop with T-11R).
- d. Combat equipment, mass exit; react to a total parachute malfunction (pull/drop with T-11R).
- e. Identify, properly don, and lower combat equipment.

#### 4. Task: Suspended Harness Period One (SH-1).

- a. Assume the “let up” position.
- b. Assume the “at ease” position.
- c. Explain Three Rules of the Air.
- d. Execute the four normal (two-riser) slips with the T-11 parachute.
- e. Execute the proper “prepare-to-land” attitude with the T-11 parachute.

#### 5. Task: Suspended Harness Period Two (SH-2).

- a. Remove twists from the risers and suspension lines while under canopy.
- b. Execute a diagonal (one-riser) slip with the T-11 parachute.
- c. Execute the proper procedures for collision and entanglements with the T-11 parachute.
- d. Execute the proper emergency procedures for upper and lower jumper
- e. Execute the proper procedures for thermals.
- f. Execute a proper “prepare-to-land” attitude for a tree landing.
- g. Execute a proper “prepare-to-land” attitude for a high tension wire landing.
- h. Execute a proper “prepare-to-land” attitude for a water landing with the T-11 parachute.
- i. Explain the Three Rules of the Air

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### **6. Task: Swing Landing Trainer (SLT).**

- a. Execute a proper two riser slip, opposite the direction of drift.
- b. Execute PLFs with the T-11 parachute.
- c. Properly activate the canopy release assembly.

### **7. Malfunctions.**

- a. React to the accidental activation of a reserve parachute inside the aircraft.
- b. Identify and react to a total parachute malfunction or a delayed opening.
- c. Execute proper procedures if towed behind an aircraft.
- d. React to a partial parachute malfunction.
- e. React to twists in the risers and suspension lines while under canopy.
- f. React to a collision and/or entanglement between jumpers.
- g. Execute the proper emergency procedures for upper and lower jumper

### **8. 250' Free tower.**

- a. Execute proper actions while aloft.
- b. Execute proper actions during decent.
- c. Execute a proper parachute landing fall.

**Annex F (Tower Branch Operations) to 1-507th BACSOP**

**Appendix 4 (Tower Unlock/Lock-up Checklist)**

Unlock Procedures

Task	Complete
Unlock gate(s) on access road	
Unlock Patches/Middle/Demo 34' towers, top and bottom	
Unlock Airborne 5000 shed	
Turn lights on in the PT pit	
Turn lights on in the ISLT pit (if required)	
Turn lights on in the SH pit and unlock SH shed (if required)	
Set up Arm Immersion Systems (during summer months)	
Unlock the harness shed/action shed	
Turn on lights in the mock doors (if required)	
Unlock and inspect both latrines	
Inspect track for debris, ice, and standing water and clear if necessary	
Turn all lights off after PT (and police up orange cones after the APFT)	
Return Slip Pull Simulator equipment to shed (after the APFT)	

Lock-up Procedures

Task	Complete
Lock gate(s) on access road	
Lock Patches/Middle/Demo 34' towers, top and bottom (ensure top hatches and windows are closed)	
Lock Airborne 5000 shed	
Lock the SH shed	
Secure Arm Immersion Systems in the harness shed and latrine	
Lock the harness shed/action shed	
Inspect, and prepare (TP, clean, etc...), and lock both latrines	
Ensure no equipment is left in the training area	
Conduct a police call daily prior to departing the training area	
Ensure that the harness shed and latrines are policed daily	

## Annex F (Tower Branch Operations) to 1-507th BACSOP

### Appendix 5 (Tower Clearing SOP and Checklist)

On the last training day of the week the company will lay out all of the training aids in Tower Branch for the follow on Company to sign for. The PT and ISLT pits will be raked and all black felt will be placed back under the pea gravel. The mock doors will be swept out and trash removed. A police call of the entire branch will be conducted prior to being cleared. The training aids will be laid out in rows of 10 by like item next to the towers or storage sheds. The Unlock NCO will appoint Cadre members to oversee the student detail layout the equipment.

All MOLLE's will be completely rehabbed with adjustable D Ring attaching straps attached. The harness single point release will be securely attached to the MOLLE and the free running ends of the equipment retainer straps will be secured with 100 mph tape, there will be no quick release. The upper tie down tape on the MAWC will be tied and replaced if damaged.

Any damaged equipment will be placed off to the side and repaired by cadre or replaced by the Master Trainers. When the equipment is laid out the unlock NCO will confirm the numbers off of the pre clear sheet located in the Tower Branch office. The unlock NCO will get any items to repair the damaged equipment (i.e. harness single point release, upper tie down tape, etc.) from the Master Trainers. Any unserviceable equipment will be turned into the Master Trainers and swapped out if available. This should be conducted daily to make the process smoother at the end of the week.

After the unlock NCO has verified that the equipment is rehabbed and accounted for they will coordinate with the Master Trainers and a pre clear will be conducted with the Master Trainers. After the pre clear is complete the unlock NCO will make coordination's with the follow on company to sign for the equipment.

After the equipment has been signed for, Cadre will supervise the student detail putting the equipment back in accordance with the diagram in each storage shed. All demo equipment that is stored in the towers and SH shed will be hung back on the hooks.

At the completion of training, the training area will be locked and Tower Branch keys will be returned to the Tower Branch Office.

#### PT Pit

All gravel raked level, no wavy ground, not pushed against wall, no felt showing
All walls and platforms swept
Ramp swept

#### ISLT Pit

All gravel raked level, no wavy ground, not pushed against wall, clear gravel away from anchor points, and no felt showing
Wall swept clean
Inspect all butterfly snaps and notify Master Trainer of deficiencies
Attach the hook of the stationary rope to the nylon cross strap of the riser, (do not attach the colored shackle or stuff the rope inside the pedestal)

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### SH Pit

All risers fully extended and secured by an over-hand knot
Clean out SH shed
Turn power off
Police in and around SH pit

### Mock Door

Sweep all mock doors
Rake area around mock doors
Sweep wall clean
Police area around mock doors

### 250' Towers

Swept out if used
Police around towers
Empty trash from towers

### 34' Towers

Swept from top to bottom, to include inside base
All gravel and rocks removed from concrete pads
Mock door pit raked and level
All equipment laid out for count and inspection (rows of 10 by like item)
All equipment properly rigged
All knots removed from ropes
All broken bungee replaced
Area around tower and mock doors policed
Replace upper tie downs
All windows and hatches closed
Equipment stored IAW SOP (Demo equipment on hooks – Middle Tower)
T-11R – check connector snaps wired down / spring tension / RCH present

### Harness Sheds

All equipment laid out for count and inspection (rows of 10 by like item)
SH / ISLT harness has two serviceable cable loops
Turn-in any harness with a waistband too frayed to form a quick release
T-11R – check connector snaps wired down / spring tension / RCH present
Sweep shed out
Police around shed
Store equipment IAW SOP (Demo equipment on hooks – SH, Tree Jumper in storage tote)
Static lines bundles of ten

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PT boards stacked
Milk crates stacked
Slip Pull Simulator Equipment stacked

### **5000 Shed**

All equipment laid out for count and inspection
Sweep 5000 shed
Police 5000 areas
Power off
Store equipment IAW SOP

### **Latrines**

Mopped and dried
Urinals and stalls wiped clean
Sinks wiped clean
2 rolls of toilet paper per stall (Company restocks toilet paper for following company)
Swept out and trash taken to dumpster
Police around latrines

### **General Instructions**

Police training area from street to street (to include outside the track)
Ensure all unserviceable equipment is turned in
Clear track of any debris
Inspect dumpsters

**Annex F (Tower Branch Operations) to 1-507th BACSOP**

**Appendix 6 (Rescue Operations Manning Report)**

ATSH-TPP-(Company)

DATE: \_\_\_\_\_

MEMORANDUM FOR RECORD

SUBJECT: 250' Free Tower Manning Report

CO: \_\_\_\_\_  
MIKE SGT: \_\_\_\_\_

PLT/SEC: \_\_\_\_\_  
TRAINEE: \_\_\_\_\_

ARM SGT: \_\_\_\_\_  
BASE SGT: \_\_\_\_\_  
BRAKE: \_\_\_\_\_  
RELAY: \_\_\_\_\_

TRAINEE: \_\_\_\_\_  
TRAINEE: \_\_\_\_\_

ARM SGT: \_\_\_\_\_  
BASE SGT: \_\_\_\_\_  
BRAKE: \_\_\_\_\_  
RELAY: \_\_\_\_\_

TRAINEE: \_\_\_\_\_  
TRAINEE: \_\_\_\_\_

ARM SGT: \_\_\_\_\_  
BASE SGT: \_\_\_\_\_  
BRAKE: \_\_\_\_\_  
RELAY: \_\_\_\_\_

TRAINEE: \_\_\_\_\_  
TRAINEE: \_\_\_\_\_

MAINT SGT: \_\_\_\_\_  
BUTTON SGT: \_\_\_\_\_  
TOTAL# Students in PLT/SEC: \_\_\_\_\_  
    # Students qual on SLT: \_\_\_\_\_  
    # Students dropped from Free Tower: \_\_\_\_\_

RESCUE CREW:  
Rescue NCO: \_\_\_\_\_  
    #1: \_\_\_\_\_  
    #2: \_\_\_\_\_  
    BRAKE: \_\_\_\_\_  
    ROPE: \_\_\_\_\_  
    RELAY: \_\_\_\_\_  
    CROWD: \_\_\_\_\_

COMMENTS:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

\_\_\_\_\_  
"MIKE" SERGEANT RANK/NAME, SIGNATURE

**Annex F (Tower Branch Operations) to 1-507th BACSOP**

**Appendix 7 (Man in the Steel Report)**

**MAN IN THE STEEL REPORT**

TOWER # \_\_\_\_\_ ARM # \_\_\_\_\_ COMPANY \_\_\_\_\_

DATE \_\_\_\_\_

RANK \_\_\_\_\_ NAME \_\_\_\_\_ ROSTER # \_\_\_\_\_

TIME IN STEEL \_\_\_\_\_ TIME OUT OF STEEL \_\_\_\_\_

MIKE SERGEANT \_\_\_\_\_ ARM SERGEANT \_\_\_\_\_

BASE SERGEANT \_\_\_\_\_ BUTTON SERGEANT \_\_\_\_\_

BRAKE SERGEANT \_\_\_\_\_ MAINTENANCE SERGEANT \_\_\_\_\_

PLATOON SERGEANT \_\_\_\_\_

**RESCUE TEAM**

#1 \_\_\_\_\_

#2 \_\_\_\_\_

HOW DID IT HAPPEN?

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

STATUS OF STUDENT AND THE CANOPY?

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

LESSONS LEARNED/ADDITIONAL COMMENTS:

\_\_\_\_\_  
\_\_\_\_\_  
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"MIKE" SERGEANT RANK/NAME, SIGNATURE

**Copies**

- 1 – Master Trainer
- 2 – S-3
- 3 – Company operations