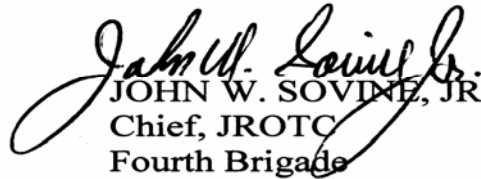


Department of the Army
4th Brigade
United States Army Cadet Command
Fort Bragg, North Carolina 28310-5000

4th BRIGADE RAIDER CHALLENGE MOI
3 October 2007

Reserve Officers' Training Corps

JROTC RAIDER CHALLENGE PROGRAM


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PROPONENT: The proponent of this publication is the Fourth Brigade, US Army Cadet Command. Comments should be sent directly to Fourth Brigade, US Army Cadet Command, ATTN: ATOE-D-JR, Fort Bragg, North Carolina 28310-5000.

Encl

1. General Information - Event OORDER
2. Scoring Info
3. Modified Army Physical Fitness
4. First Aid/Litter Carry
5. Rope Bridge
6. 5 Kilometer Road March
7. Land Navigation
8. Commanders Event (optional)
9. SAI/AI Statement of Cadet Health & Fitness Qualification
10. Consent to Medical Treatment
11. Covenant Not To Sue

DISTRIBUTION: All JROTC programs in NC, SC, and VA

This document is available on the Fourth Brigade JROTC Web site at: <http://www.ajrotc.us>

FOURTH BRIGADE RAIDER MOI

1. **PURPOSE:** To provide guidance for the conduct of Raider Challenge.

2. **COMMANDERS INTENT:**

a. All JROTC units have the opportunity to participate in Raider Challenge competitions at unit level.

b. All JROTC units are encouraged, within resources, to provide Raider Challenge opportunities. 4th Brigade -level competitions are not mandatory.

3. **OBJECTIVES:**

a. To promote esprit de corps, teamwork, and self-confidence among JROTC cadets.

b. To provide JROTC cadets a competitive program in five mentally and physically challenging training events: Modified Army Physical Fitness Test (MAPFT), First Aid/Litter Carry, One-Rope Bridge, 5-Kilometer Road March, and Land Navigation

c. To serve as a JROTC cadet recruiting and retention vehicle.

4. **RESPONSIBILITIES:**

a. **4TH BRIGADE:**

(1) Serve as proponent for the Raider Challenge program.

(2) Coordinate with Cadet Command, Resource Management Division, to verify availability of funds for awards and trophies for AC level competition.

(3) Conduct a Raider Challenge Competition annually.

(4) Determine eligibility criteria for teams to participate in 4th Brigade -level competition.

(5) If funds are available, publish Invitational Travel Orders (ITOs) for SAIs/AIs attending brigade competitions. **Note: Cadre will travel with cadets.**

(6) Implement a Raider Challenge training safety program.

(7) Monitor informal Raider Challenge Competition between units.

(8) If conducted, ensure PAO coverage of brigade competitions.

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(9) Invite civilian and military dignitaries to 4th Brigade competitions, as appropriate.

(10) Ensure all competition evaluators understand the technical and leadership standards for each event.

(11) Competition evaluators should come from nearest support installation, Reserve, National Guard unit, or SROTC.

(12) Process requests for awards and certificates utilizing DA Form 3953 or JROTC IMPAC card.

(13) If 4th Brigade -level competition conducted, provide the schedule of said competitions to the Training Division, Cadet Command.

(14) If 4th Brigade -level competition conducted, provide to Cadet Command, the results of Brigade competitions within one week after each competition.

b. Director of Army Instruction/Senior Army Instructors:

(1) Directors of Army Instruction/Senior Army Instructors are encouraged to field Raider Challenge teams, conduct informal competition and, when applicable, participate in 4th Brigade - level competition. Teams will consist of eight cadets.

(2) Informal competition conducted locally may include any combination of the five Raider Challenge events mutually agreed upon among competing units.

(3) Ensure teams meet eligibility criteria set by brigade and have trained for each event prior to entering 4th Brigade - level competition.

(4) Ensure cadets meet the requirements of their local school for participating in co-curricular activities before participating in Raider Challenge.

(5) Ensure that all required forms are filled out by each participant and turned in for verification during check-in prior to the competition.

5. 4th **Brigade -LEVEL COMPETITION:**

a. The Raider Challenge Competition will consist of five of events listed below. Units are required to compete in all events.

(1) Modified Army Physical Fitness Test (MAPFT)

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- (2) First Aid/Litter Carry
- (3) One-Rope Bridge
- (4) 5-Kilometer Road March
- (5) Land Navigation
- (6) Commanders Event (Optional)

b. Brigade -level competition is intended to last one day, including travel home.

6. GENERAL INFORMATION:

a. This SOP is permanent and will be used each year, unless superseded or rescinded.

b. The location, date, and time of the 4th Brigade Raider Challenge Competition will be published in a separate MOI.

c. Participation in this competition will consist of non-interchangeable eight cadets. **No alternates will be authorized. Teams finishing any event with less than 8 raiders will incur time penalties for each event.**

d. Tested events will be prepared, administered, and graded by selected AR/NG cadre, Instructors and 4th Brigade Staff members under the supervision of the Commander, 4th Brigade.

e. Class I: will be provided if possible; each raider will be given 1 ea MRE for consumption during event. *In the event that no Class I can be provided the event OIC may choose to make available some type of concession to meet class I requirements.*

f. All units are responsible for their own transportation to and from the competition. Once units arrive at the competition, all other transportation will be by foot.

g. Lodging will be determined on a case-by-case basis. This is dependent on the location of the competition and the resources available.

7. EXECUTION:

a. Concept of Operations: Teams must report to competition Command Post between 0630 - 0700 hours, the day of competition. The exact location of the CP will be determined by event OIC and will be included on entry form information.

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At check in units who have not paid to enter event will be required to make payment at that time, additionally team rosters, SAI/AI Statement, Cadet Information, Covenant Not to Sue, and Consent to Medical Treatment forms will checked and verified. **Team forms will be kept during the competition by the schools AI or SAI to expedite evacuation if required.**

a. **TEAM COMPOSITION:** Teams will be made up of 8 raider team members. No alternates will be authorized. Teams finishing any event with less than 8 raiders will incur time penalties for each event. See penalty listings for each event.

b. **Sequence of Events:**

- (1) **0630-0700** Report with teams and necessary paper Work.
- (2) **0700-0730** Commanders Meeting.
- (3) **0730-0800** Prep for Physical Training Event
- (3) **0800-0900** Modified Physical Training Test
- (4) **0930-1330** Team Rotation thru remaining 4 events
- (5) **1400** Awards and Closing Ceremony

*- note the above timeline was has been met on previous brigade level meets. The time table can be modified if determined by event OIC. Weather, light data, number of evaluators per event, number of lanes per event and number of teams all play a part in determining the timeline. The goal however should be to end competitions early in order to allow teams to return to home stations at a reasonable hour.

8. **UNIFORM AND EQUIPMENT:**

a. **Uniform:** Uniform for participants is complete BDU uniform (brown Army T-shirt or team shirt); boots, appropriate headgear and LBE (pistol belt with harness, compass on right front and one canteen with cover). Running shoes, BDU trousers and brown T-shirt or team T-shirt (as long as they are all the same) is required for the MAPFT.

b. **Equipment:**

- (1) Four compasses per eight-person team.
- (2) Guidon (one per team)

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9. **CEREMONIES AND AWARDS:**

a. Ceremonies:

(1) All competitions will end with a closing/award ceremony. Opening Ceremonies are optional.

b. Awards:

(1) As a minimum, Raider Challenge trophies will be awarded at the competition to include the following:

(a) 1st, 2nd, and 3rd place overall team trophies along with accompanying Streamers and top cadet by gender for the MAPFT.

(b) Ribbon for each participant, (optional)

(2) Team streamers will be awarded to the top three places in each event along with an overall 1st, 2nd, 3rd place streamer. Additionally there will be an overall 1st, 2nd and 3rd place streamer awarded to the top three co-ed teams. This will be an independent category and will have no impact on the overall place standings.

10. **CADET LIABILITY:** Senior Army Instructors must ensure that each cadet participating in Raider Challenge training or competition understands the requirement for personal medical coverage. Raider Challenge team members must complete all forms prior to participating in Raider Challenge.

11. **SAFETY:**

a. Responsibility: Commanders at every echelon are responsible for conducting a continuous, rigorous safety program ensuring that adequate provisions for safe practices and safe physical standards are incorporated into all aspects of training

b. Safety Requirements:

(1) Risk Management Program methodology will be incorporated into training and competitions.

(2) Cadet Buddy Teams and the "Buddy Team" process will be incorporated into training and competitions.

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(3) Applicable training safety publications will be available and adhered to during training and competitions.

(4) All cadre and cadets will be thoroughly briefed on pertinent safety and range regulations prior to the start of the competitions. Additionally, each event OIC will conduct a safety briefing for cadets prior to the start of each event. Competition evaluators must attend the briefings.

(5) Medical support and medical evacuation plan will be available during the competition

REFERENCES

1. CC Regulation 385-10, Cadet Command Safety Program
2. FM 21-20, Physical Fitness Training
3. FM 21-26, Map Reading
4. TC 90-6-1, Military Mountaineering
5. JROTC LET-1 Instructor Manual

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SCORING INFORMATION

1. Overall scoring will be conducted as follows:

a. Each event will be scored on one or more of the following values:

1. Time - MAPFT, RB, 5K, LN, LC(*litter carry*)
2. Completeness- 1ST AID, RB, 5K(*uniform insp*)
3. Accuracy- 1ST AID, RB, LN
4. Rate - MAPFT

b. All teams will be ranked on team performance against the entire field for each event. A point value will be awarded based on the individuals team place in that event up to 7th place, i.e.: a team that placed 3rd in the Rope Bridge will be awarded 3 points, a team placing 18th will be awarded 7 points. This will allow those teams who score at the bottom of the field for any event a fighting chance to place in the overall competition. Scoring printouts will still reflect actual place standing, but the 7th place award points will be utilized to determine competition overall standings. The overall winner on the competition will be the team with the least amount of total point for the entire competition. Additionally in the event of a tie score, the 5K Road march time will used to decide the final outcomes.

2. Complaints are to be handled as follows:

a. Team captains are the only individuals authorized to file a complaint, not SAI's.

b. Complaints must be filed with the event OIC prior to leaving that station. If team leaves station, the complaint will not be heard.

c. Final decision authority for all complaints or concerns is the meet OIC.

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MODIFIED ARMY PHYSICAL FITNESS TEST

1. **Task:** To measure the cadet's physical fitness.
2. **Conditions:** During daylight, wearing BDU trousers, Running shoes, socks, and T-shirt. Team members will take the Army Physical Fitness Test (modified).
3. **Standards:** All 8 Cadets will be scored according to the APFT matrix for push up's and sit up's. The mile will be scored IAW the Modified APFT score table. A maximum score of 100 and a minimum score of 0 per event. With a maximum of 300 points and a minimum of 0 overall.
4. **Script:** The script below contains the minimum instructions to be announced at the beginning of the event. It is a guide and the OIC may adjust as necessary

The APFT OIC will say:

"Let me have your attention. At this station you will be required to take the Army Modified Physical Fitness Test, which consists of three timed events: push-ups, sit-ups, and the 1-mile run. The push-ups and sit-ups must be completed within 1 minute per event. The event timer will call out time at 30 seconds remaining and will count down the last 10 seconds of the 1-minute. The 1-mile run is scored on elapsed time. The team with the highest team average score wins. In the event of a tie, the team with the lowest cumulative run time will be declared the winner."

Demonstrate correct push-ups while reading the instructions on the push-up event from FM-21-20. Demonstrate correct sit-ups while reading instructions on the sit-up event from FM 21-20. Cover common errors and scorer actions (see FM 21-20).

Ask:

"Are there any questions?"

Pause and say:

"Cadets, take up the proper push-up position. Begin."

Start timing. Announce loudly enough for all cadets to hear all time intervals. At the end of the 1-minute, announce loudly:

"STOP"

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Repeat procedure until all cadets have completed the push-ups.

Then say:

"Cadets, assume the proper sit-up position. Begin."

Start timing. Announce loudly enough for all cadets to hear all time intervals. At the end of the 1-minute, announce loudly: "STOP"

Repeat procedure until all cadets have completed the sit-ups.

Then have all cadets' line up for the 1-mile run. Give them numbers and when ready say:

"On Your Mark, Get set GO".

The time will start when the last cadet in the group crosses the start line.

5. NOTES:

- a. Score cadets using the Raider Challenge Matrixes for their gender.
- b. Carry team averages out two decimal places.
- c. Rotate graders between teams, after each iteration of the push-up and sit-up event. Calibrate all graders to apply the Army standards IAW FM 21-20.
- d. Give safety brief.

6. SCORING:

- a. This event is worth 100 points in the overall event scoring.
- b. Team placement will be determined by the highest team APFT score.
- c. Eight cadets from each team will compete in this event. All scores will be the averaged for the team score. Should a cadet become injured and unable to complete the APFT the standby cadet score will be taken.
- d. The Army standard 2 minute physical fitness test push up and sit up tables will be utilized to score those events. The one mile run score will be IAW modified APFT One mile scoring tables.

7. AWARDS: Medals for Top Male and Female MAPFT individuals will be given during the awards ceremony along with an overall 1st place steamer awarded to the top team in that event.

FOURTH BRIGADE RAIDER MOI
FIRST AID\4-Man Litter Carry

1. **Task:** First Aid/Litter Carry perform four life-saving steps, Perform first aid for bleeding of an extremity (081-831-1032, perform first aid for suspected fracture (081-831-1034) Perform first aid to prevent or control shock (081-831-1005), and transport casualty 200 yards on litter. **No more than four cadets may transport the casualty at any given time.**

2. **Conditions:** Given a selected casualty with predetermined injuries, first aid materials, a litter, during daylight and under existing weather conditions. Team captains will select the cadet to be the casualty and cadet to perform each life-saving step. All team members may assist in treatment.

3. **Standards:** All performance measures are graded in accordance with the performance measure checklist of this document.

4. **SCRIPT:** The OIC will say: "Let me have your attention. At this station, your team will be required to perform the following basic First Aid Tasks, Bleeding of an Extremity, apply a Tourniquet, Treat a Suspected Fracture Prevent or Control Shock, and transport the casualty 200 yards on a litter at waist level. Only four cadets may transport the casualty at any given time, but teams may change personnel at their discretion. All eight team members are required to complete the run down and back. Time will begin once you are given the command of go. Do you have any questions?"

5. **SCORING:** The graded performance measures are worth two points each. The team with the highest score wins the event. The overall times will only be utilized as a tie breaker.

6. **COORDINATING INSTRUCTIONS:** One team member will act as casualty; the casualty will not provide any assistance to the team at any time. The evaluator will provide information concerning the injuries sustained. Each competing team may have a single person perform the entire first aid task or delegate tasks to other raider team members.

7. **COURSE DESCRIPTION:** The course layout and description will be shown to all cadets before competition begins. There can be as many start points as the event OIC can establish. It is recommended that at least 3 to 4 lanes would allow for faster movement thru the station and the likelihood of long wait times would be diminished. All cadets will cross the turn around line and finish line before the time is stopped.

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Turn Around	100 yards	Treatment Area
Cone	100 yards	Is Start Point
		Finish Point

FIRST AID SCORE SHEET (checklist)

TASK NAME	POINTS
PERFORM FIRST AID FOR BLEEDING OF AN EXTREMITY AND APPLY A TOURNIQUET.	
1. Uncover the wound unless clothing was stuck to the wound or in a chemical Environment.	2
2. Apply the casualty's field dressing. <ul style="list-style-type: none"> a. Dressing/pad is placed over wound. b. Edges of dressing are covered. c. Bandage was properly secured, use of A non-slip knot. D. Dressing did not create tourniquet-like Effect. 	2
3. Apply manual pressure and elevate the arm or leg, if necessary.	2
4. If field dressing was applied and bleeding Continues, apply a pressure dressing. <ul style="list-style-type: none"> a. Wad of padding was placed directly over the wound. b. Cloth was wrapped tightly around the limb. c. Non-slip knot was tied directly over the wound. d. Dressing did not create a tourniquet-like Effect. 	2
Performed steps 1-5, as necessary, in sequence.	2
1. Apply a tourniquet. <ul style="list-style-type: none"> a. Improvised tourniquet, if used, was at least two inches wide. b. Tourniquet was placed at least two inches Above the wound between the wound and the heart, but not on a joint or directly on a fracture. c. Tourniquet was properly applied and secured. d. Mark the casualty's forehead with the letter "T" And the time. e. If applicable and the situation allows, save severed Limbs or body parts and transport them w/casualty f. Watch the casualty closely for life threatening conditions, check for other injuries if necessary, Treat for shock, evac to rear. 	2

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TOTAL OF _____POINTS OF 18 POSSIBLE.

PERFORM FIRST AID FOR SUSPECTED FRACTURE	POINTS
1. Use splints that reach beyond the joints above and below the Fracture.	2
2. Check blood circulation below the fracture and after applying the splint.	2
3. Apply padding between the splint and all boney areas.	2
4. Use at least four ties. (two above and two below the fracture) to secure the splints, if possible.	2
5. Tie non-slip knots on the splint away from injury.	2
6. Immobilize the splinted arm or leg using a sling and or swatches, as required to prevent easy movement.	2
7. Check the splint for tightness.	2
8. Watch the casualty for life threatening conditions and check for other injuries.	2

TOTAL OF _____ POINTS OF 16 POSSIBLE.

PERFORM FIRST AID TO PREVENT OR CONTROL SHOCK	POINTS
1. Position the casualty correctly.	2
2. Loosen tight or binding clothing.	2
3. Prevent casualty from being chilled or overheated.	2
4. Reassure the casualty.	2
5. Watch the casualty closely for life threatening conditions, check check for other injuries if necessary, treat for shock. Evac to rear	2

TOTAL OF _____POINTS OF 10 POSSIBLE

TOTAL TEAM POINTS _____OF 44 POSSIBLE.

TOTAL TIME: _____:_____ (UTILIZED AS TIE BREAKER). (Failure to have 8 man raider team: Add 3 minute penalty to overall time)

b. Supplies Required.

ENCLOSURE 4

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(1) **Class II:**

Clipboards, 5 ea
Pens, 1 box
Tape, cloth, white (eng) 4 rolls
Score sheets 1 per team
Pegs, tent, wooden, 2' 8ea
Water can, 5 gal 2EA FOR STATION
Stop Watches 1ea per lane

(3) **Class VIII:**

Field Dressing 2 per lane
Splints 1set per lane
Ties 10 per lane
Blanket 1 per lane
Litter 1 per lane

c. **Water.** Five 5-gal cans of potable water will be available on-site.

d. **Land.** Football field area approx 100yds in length.

4. **Safety.** This event is designed to provide both mental and physical challenges for the participants. This combined with the likelihood of high temperatures and humidity may increase the potential for heat injuries. Enforce forced hydration to prevent heat injuries.

Raider Challenge Rope Bridge Event

1. **PURPOSE:** To provide guidance for the conduct and coordination of the Rope Bridge event at the Raider Challenge Competition.

2. **REFERENCES:**

a. Cadet Command Regulation 385-10, Cadet Command Safety Program, 6 June 2003

b. FM 3-91.61, Military Mountaineering, 2000.

c. TC 21-24 RAPELLING

d. TC 90-6-1 Military Mountaineering

3. **OBJECTIVES:**

a. Provide a competitive standardized rope bridge event in order to facilitate teamwork, motivation, and esprit de corps.

b. Utilize the Ranger Challenge grading mechanism to facilitate standardization in team scoring.

4. **GENERAL INFORMATION:**

a. Minimum of Two or Three teams will conduct the Rope Bridge event simultaneously (depending on resources). Three rope bridges will be located side by side if possible. If trees are utilized for event the distance between each tree needs to be approx the same distance between anchor points.

b. Each team will conduct one bridge crossing. The obstacle will be simulated and marked with white engineer tape and a 6' safety zone on each side of the obstacle. The distance from pole to pole for each site is approximately 52 feet. The score for the crossing will determine placement of the team. The Raider Challenge Rope Bridge score sheet will be utilized to calculate run time and points. (See Task, Conditions, and Standards). The score will then be converted at the end of the day to a placement finish (i.e. 1st thru 10th).

c. Teams will consist of 8 non-changing team members. A team with less than 8 team members may compete but will be subject to a two (2) minute time penalty which will be add to their run time. Teams cannot compete with less than 7 team members.

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d. The top finisher for the Rope Bridge event will receive a streamer for the event.

e. Only the team captain can file protest or complaints. The team captain may file a complaint or protest after the run is completed if they feel that there was unfair grading or a disadvantage. Protest will be made to the Rope Bridge OIC. This protest will be forwarded to the OIC of the meet for ruling. Rotational schedules will not be postponed to await protest ruling. Any make-up runs for the Rope Bridge event will be conducted prior to the awards ceremony.

f. Each team will provide their own Ropes, Snap Links and Swiss Seats Ropes. Teams that do not have their own or have faulty equipment, may possibly utilize the equipment from the host ROTC department.

g. The rope bridge equipment will be inspected for unauthorized marking and serviceability. If the equipment is faulty; the unit may possibly utilize the equipment from the host ROTC department.

5. COORDINATING INSTRUCTIONS:

a. When the first rotation is ready to begin all graders and assistants must be at the site to prep the site and review the scoring procedures. All graders and assistants will review the MOI and grading requirements.

b. Each team will cross the obstacle with the following equipment:

- LCE
- BDU with Boots and Blouse
- One (1) canteen with cover
- One First Aid pouch.
- Headgear (may be placed in the cargo pocket)

6. SCORING:

a. Scoring will be in accordance with the scoring procedures outlined at the beginning of this document. Teams will be ranked based on there overall times, including penalty times, the team with the fastest time will be ranked 1st and will receive one point toward overall standings. The team with the least amount of points at the end of the meet will be deemed the winner.

b.. Penalty times are added to your overall time for scoring process.

c. Any team that is disqualified will receive a DQ score and will be out of contention for 1st place.

ENCLOSURE 5

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1. **TASK:** Conduct a one-rope bridge and cross an obstacle.
2. **CONDITIONS:** At a field location with a 40 foot crossing obstacle and a 6 foot boundary line at the near side and far side anchor point for a total distance of 52 feet between anchor points, during daylight hours and existing weather conditions, given a 120 foot rappel rope, rappel seat ropes, snap links, and in the prescribe uniform and all required equipment.
3. **STANDARDS:** All teams will conduct one (1) successful crossing, without losing any equipment or touching the obstacle or stepping into 40 foot crossing obstacle. The obstacle will be simulated.
4. **SCRIPT:** The script below contains the minimum instruction to be given at the beginning of the event. It is only a guide and the OIC may add to it, as appropriate, to accommodate any unique environment requirements at their site. This briefing will be given to the **Team Captain only** before moving into the prep site.

THE ONE ROPE BRIDGE OIC WILL SAY:

" Let me have your attention. At this site you will be required to correctly construct and safety cross a one-rope bridge over a simulated water obstacle. Teams will compete head-to-head if possible. Each team will have 5 minutes in the prep site before moving to the bridge site. The prep site is used to put on rappel seats, uncoil your rope and finalize your plan. At the end of 5 minutes, the team will be told to move to the bridge site and prepare to construct their bridge. At the end of the second 5 minutes all teams will be told to begin or GO. TIME WILL THEN START. Are there any questions?"

PRE-CROSSING REQUIREMENTS:

- There can be no pre-tied knots in the main rope
- The rope cannot over lap its self in any manner
- The FIRST and LAST man to cross must have an Australian rappel seat with snap link.
- All other team members 2-7 must have a hip rappel or swiss seat with snap link on. Seats must be tied IAW this MOI.
- No part of the rope or a team member may be forward of the anchor point before the start.

IN THE EVENT ANY EQUIPMENT BREAKS OR THE SNAP LINKS USED IN THE TRANSPORT TIGHTENING SYSTEM OPENS THE TEAM WILL BE TOLD TO STOP. NEW EQUIPMENT WILL BE ISSUED OR THE SNAP LINK FIXED AND THE TEAM WILL BE ALLOWED TO START AGAIN, NO PENALTY ASSESSED.

CROSSING REQUIREMENTS:

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-Once the team has been told to start or go TIME will begin the TIME will continue to run until the TEAM CAPTAIN tells the timer to STOP.

- The first man crossing must be secured into the main rope using an end of the rope bowline.

-Team members 2-7 must have on a seat hip rappel/swiss seats, tied IAW this MOI, failure to have a properly tied seat will result in a penalty being assessed.

-Any team member other than the first and last man crossing whom touches the obstacle will be assessed a penalty.

-Any equipment that touches the obstacle (i.e. canteen, LCE) will be assessed a penalty.

-Any individual touching the obstacle while crossing or assisting will be assessed a penalty.

-Individual may continue to incur penalties for repeatedly touching the obstacle.

-Failure to untie the wireman's knot from the main rope will result in a penalty (the team tried to untie the knot but could not get it untied)

-Knots left in the main rope other than the wireman's will incur a penalty

-Calling time before all knots are out of the main rope (the team elects to take the time penalty instead of trying to untie the knots) a penalty will be assessed.

-Equipment lost or dropped into the obstacle a penalty will be assessed

-Equipment left on the near side a penalty will be assessed

-Teams will be inspected for proper rappel seat once they call time and the team is done.

Penalties will be assessed as required.

MAJOR TIME PENALTIES:

A team will be penalized by time for failure to use the WIREMAN'S KNOT for the transport tightening system. ***Two additional snap links may be utilized in the Wireman's knot to facilitate untying the wireman's knot after crossing has taken place.*** Failure to correctly tie a ROUND TURN WITH TWO HALF HITCHES (THE ENTIRE ROPE MUST PASS THRU THE FIRST HALF HITCH, A QUICK RELEASE CAN THEN BE TIED IN THE SECOND HALF HITCH. Additionally if the rope is tightened to a point where the transport tightening system is pulled against the anchor point and the round turn with two half hitches can not be secured between of the transport tightening system and the anchor point a major safety violation will be assessed and the team must correct this problem, prior to anyone crossing the obstacle. The time will not stop while this corrective action takes place.

-At the conclusion of the bridge while the team is putting up the equipment, the scorers will confer and tally the score sheet. The

ENCLOSURE 5

FOURTH BRIGADE RAIDER MOI

team captain will then be briefed as to what his team did and as to their time. Placement cannot be determined at this time.

PENALTIES:

1. Time penalties will be assessed as follows:

a. **10 Second Penalties:**

- Incorrectly tied Rappel Seat
- Having equipment of personnel forward of the near side anchor point at the start.

b. **20 Seconds:**

- Failure to secure into the main rope with an end of the rope bowline (1st and last man only)
- Failure to maintain one leg in contact with the rope while crossing. (2 thru 7)

c. **30 Seconds:**

- Touching the obstacle (i.e. the engineer tape or the simulated water both near side and far side.)
- Equipment touches the obstacle while crossing.
- Equipment left on the far side
- Failure of the number one man to temporarily secure the rope to its self after crossing. (When the #1 man gets out of the water and wraps the rope around the far side anchor point he must temporarily secure the rope to itself using the end of the rope bowline and snap link.)
- Knots left in the main rope or the rope lying over its self when time is called (Except the Wireman's knot).
- Equipment left in the obstacle (i.e. a canteen drops off and is not recovered, a hat, etc...)

d. **2 Minutes:**

- The wire's knot not removed from the main rope
- An individual not crossing.
- Running across the obstacle, slack rope (#2 thru 7 man)
- Calling time before all knots are out of the rope (Team elects to take penalty instead of trying to get knots out)
- failure to have a full 8 man raider team.

e. **3 Minutes: (Safety violations)**

- Failure to use the wireman's knot for the transport tightening system.
- Failure to correctly tie a round turn with two half hitches at each anchor point. Important the entire rope must pass through the first half hitch, a quick release can then be tied in the second half hitch.
- Tightening of the climbing rope to the point that the transport tightening system is against the anchor point,

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preventing the proper tying of the round turn with two half hitches.

- Additionally since these three infractions are safety related the team will be stopped by the land grader and be instructed to correct the problem before crossing of the obstacle is permitted. **The time will not stop during this corrective action.**

3. AUSTRALIAN RAPPEL SEAT

Find the center of the sling rope. Reach down and grab hole of the two remaining ends. While holding on to the two ends of the rope reach behind you and grasp the other end of the rope and bring it around to the front of your waist. You should have the center of the rope and the two ends of the rope in front of you and the rope is doubled around your waist. Now take the double rope, tie a square knot, and **secure it with over hand knots**. Rotate the square knot to the opposite side of your break hand. Attach the snap link. Insert the snap link with the gate down and the opening towards the body. Rotate the snap link one half turns so that the gate opens down and away from the body. With the gate up the end of bowline will be placed into the snap link.

3A. HIP/SWISS RAPELL SEAT: Refer to Section III Rappelling Procedures para 1-11 of TC 21-24 for illustrations and detailed instructions of tying this seat.

4. KEYS TO A SUCCESSFUL ONE-ROPE BRIDGE CROSSING

1. The one-rope bridge is constructed using a 120-foot rope. Obstacles exceeding 65 feet should not be bridged with a 120-foot rope. The rope is anchored with an anchor knot on the far side of the obstacle (round turn with two half hitches) and is tied at the near end with a tightening system. A one-rope bridge may be built many ways: however, they all share common elements to safely emplace and use the bridge: two suitable anchors: good loading and unloading: a tightening system: and a rope tight enough for ease of crossing.

a. **Bridging Equipment.** A one-rope bridge kit should include"
(1) A bridge rope (7/16-inch nylon) long enough to span any obstacle less than 65 feet the unit may encounter.
(2) A 14-foot sling rope and one snap link for each member.
(3) Three snap links for tightening system (**two snap links may be used in the knot**).

b. **Preparation of Troops and Equipment**

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(1) The # 1 and # 8 man tie an Australian Rappel Seat with snap link. The #2 through #7 man tie on rappel seats with snap links for use in transporting across the rope-bridge.

(2) The 120-foot rope will be laid out in a fashion that it does not overlap itself in any way prior to starting construction.

c. Construction.

Step 1. The first man across should be the strongest swimmer. He ties an end of the line bowline in the 120-foot rope, attaches the loop to the snap link in the Australian Rappel Seat and moves across the obstacle. Another man belays the swimmer to the far side. As the swimmer begins swimming, the belay cadet must reduce rope drag by allowing the rope to run out freely. This is not required if constructing over a ravine or gully. A rescue point should be established downstream at approximate point where the swimmer pendulums into the near bank if he is unable to reach the far side.

Step 2. When the swimmer has reached the far side, he moves to his anchor point, detaches the snap link from his waist and wraps the rope around the anchor point. **He temporarily secures the rope by closing the snap link on the main rope.**

Step 3. One man on the near side ties a wireman's knot as close to the obstacle as possible and places a snap link in to the loop of knot (two snap links may be used in the knot for ease of disassembly). The opening gate must be up and away from the loop. If two snap links are used, the gate will be opposite. At that time, team members route the remainder of the rope around the near side anchor point and hooks the rope in the snap link, then the far side cadet pulls the wireman's knot out at least one-third the distance from the near side anchor point. This is due to the stretch factor of the 120-foot rope.

Step 4. The far sideman secures the rope to the anchor point, ensuring that the rope is at least waist high with the anchor knot (**round turn with two half hitches**).

Step 5. The member on the near side tightens up the rope. Only 6 cadets are used to tighten the rope until the snap link is one meter from the near side anchor point or as tight as possible. A transport tightening system is used to tighten and secure the one rope bridge. The tightening system is secured on the near side utilizing a round turn and two half hitched (a quick release may be tied in the second half hitch) but, the half hitch must go over all wraps-not just one side.

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d. Method of Crossing.

The rappel seat method is preferred. The cadets tie a rappel seat with snap link facing up and away from the body. He then faces the rope with the far side anchor point on his left and clips into the rope. Thus, the snap link runs with the lay of the rope and produces less friction (progress is made by rotating under the rope and pulling with the hands and arms). Feet and legs may also be used to assist movement on the rope. One foot must remain in contact with or above the rope at all times while crossing. **Only two team members may be on the rope at any time.** No part of the body or equipment may touch the obstacle while crossing.

e. Disassembly of the rope.

(1) The # 8 man disassembles the transport system on the near side, but not the wireman's knot.

(2) He ties an end of the rope bowline in the 120-foot rope and secures it to his Australian Rappel Seat using the snap link (the bowline may be tied at any time during construction of the bridge).

(3) The # 8 man ensures that the rope is not wrapped around the anchor point and moves across the obstacle. If the rope is still around the obstacle and he must return to the near side to correct it, he will receive a penalty.

(4) Once the # 8 man is across the obstacle, one man disassembles the wireman's knot while the rest of the team ensures that all other knots are taken out of the rope and that the rope is not laid on it's self.

(5) When the team captain is satisfied that all knots are removed from the rope and that all equipment is accounted for, he will call **STOP** and time will cease.

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5 KILOMETER ROAD MARCH

1. **TASK:** Complete a 5 Kilometer road march.
2. **CONDITION:** During daylight, under existing weather conditions and carrying all items of prescribed equipment.
3. **STANDARD:** Teams must complete the road march within 60 minutes.
4. **SCRIPT:** The 5k OIC says:

"Let me have your attention. At this station you will be required to complete a 5K-road march. **You may walk or run.** You must wear or carry the equipment specified in the MOI during the march. Each cadet must carry his or her own equipment throughout the entire march. Teams will consist of eight cadets for this event (an injury alternate can also compete). Time stops when the eighth cadet crosses the finish line. If an injury occurs, the alternate cadet can participate with no infractions. Teams with less than seven finishers will be disqualified. If a team does not have an alternate, a two-minute penalty will be given to that team for the loss of its eighth member. A team member may assist another team member by pushing or pulling another team member in the spirit of teamwork, but may not at any time take their equipment and carry it. A team will be disqualified if one team member carries another team member's equipment. Teams will maintain unit integrity throughout the course by maintaining not more than 20 meters between the first and eighth cadet during the course of the march. Evaluators will monitor teams along the entire route to check both movement and team integrity. 20 meter violations will be assessed a 5 minute penalty for each violation. I have marked three 20-meter zones along the course, one at the start, one at the mid point, and one at the finish line for verification of the 20-meter rule. The route is clearly marked, insure you pay attention to the route signs along the way. Additionally, you have a strip map outlining the course refer to it as you negotiate the course. Route violations will result in team disqualification. Teams will not cross the finish line until all eight team members have entered the 20-meter zone. Each team member who is not within the 20-meter zone when the first team member crosses the finish line will be assessed as a 5-minute penalty. Time will stop when the eighth team member has crossed the finish line. Additionally, a team will be disqualified if it does not make the 60-minute time limit. Upon completion, your evaluator will move you to a designated

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equipment inspection area and begin the equipment inspection. **You will be assessed a 3 minute penalty** for each piece of missing equipment. Do you have any questions?"

5. NOTES:

a. All spectators and school cadre will stay off the 5k course during the event.

b. Teams will be started at 5-minute intervals.

c. Mandatory equipment to be carried or worn:

(1) Pair of black leather boots (Army Issue, Jungle Boots, Hi-Techs...)

(1) BDU jacket

(1) BDU trousers

(1) BDU Belt

(1) T-shirt

(1) Pistol Belt

(1) LCE Suspenders

(1) Full Canteen w/cover

(1) Field Dressing Pouch

(1) Headgear

(1) Pair Army Socks

(1) Guidon will be carried by the team

6. SCORING:

a. This event will be scored IAW scoring procedures outlined earlier in this document. Team overall score will reflect overall place in event. This score is based on time to the second decimal.

7. Penalties:

a. Finish with less than 8 team members = 2 minutes each occurrence.

b. Did not carry own equipment = Disqualification

c. Time is over 60 minutes = Disqualification

d. Team member out of 20 meter zone = 5 minutes each occurrence.

e. Leaving 5k route = Disqualification.

f. One item/piece of equipment missing = 3 minutes each occurrence.

g. Disqualified teams will be listed at bottom of the ranking chart and can not win 1st place overall.

ENCLOSURE 6

LAND NAVIGATION

1. **REFERENCES :**

- a. FM 21-26, Map Reading
- b. JROTC LET Manuel - World Geography

2. **TASK:** Negotiate the land navigation course.

3. **CONDITION:** Given daylight conditions, organized into four two-person buddy teams teams, minimum of 1 compass per buddy team, a land navigation course consisting of various navigational points or a course layout that would facilitate a "Silva" compass course scenario. Each course will mainly on pace count and azimuth direction.

4. **STANDARD:** Each team will be expected to find as many points as possible, or a minimum number established by event OIC. Time for the course will be established by event OIC, but it is recommended in order to meet time limits for the overall competition a time limit be established between 30 to 45 min maximum. Additionally, if navigational lanes are to be utilized a minimum of 3 lanes should be established. A "Silva" compass course evaluates both pace count and following azimuth direction and can allow up to 40 teams to start at one time. Additionally, a 100 yard or meter pace course and a known azimuth verification point needs to be established and utilized by raiders before starting the course.

5. **SCRIPT:**

The event OIC will say

"Let me have your attention. At this station you will be required to negotiate this course to find as many points as possible or _____ number of points. Running is permitted on the course, however pace counts are hard to keep while running. Any buddy team that does not report back to the start point within the prescribed time will be disqualified. If a buddy team is disqualified there points will not count toward the teams total score. Are there any questions?"

6. **SCORING:**

a. Scoring procedures will be established by event OIC a score sheet will be developed to properly score teams for the prescribed course utilized. Overall ranking will be IAW overall scoring procedures highlighted earlier in this document.

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- b. The total value of all (4) four, buddy teams points will be added together to calculate the team score.
- c. The team with the highest total point value wins.
- d. In the event of a tie the team with the lowest combined team time wins.

7. **RESPONSIBILITIES:**

a. Each school is responsible for ensuring their cadets are trained on the proper use of the magnetic or "Silva" type compass, and know how to establish a 100-meter pace count. A pace count needs to be established prior to the beginning of any land navigation course due to terrain differences covered on each course.

b. When teams arrive at the land navigation site, their captain will provide the names of team members and the break down of cadet buddy teams.

c. Once rosters are turned in, teams can recheck their compasses at the compass verification point and check their pace count at the 100-meter/yard pace course. Teams with unserviceable compasses can sign for one from the committee.

8. **SAFETY:**

- a. Cadets need to drink water out on the course to ensure they do not become dehydrated. A water point will be located at a central point of all event locations.
- b. A risk assessment will be completed by the event OIC for all events prior to the start of the competition.

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COMMANDER'S EVENT

1. **REFERENCES:** TDB

2. **TASK:** This is an optional event that can be included in the competition. This event should measure the physical and mental stamina of the Raider Teams. This event will take place with no prior knowledge for the competing teams and is at the discretion of the host ROTC program.

3. **CONDITIONS:** Given a Raider team of 8 individuals with the prescribed uniform and no prior knowledge of the event during daylight and at a pre-determined location.

4. **STANDARDS:** Complete the assigned event as efficiently as possible.

5. **SCORING:**

- a. As prescribed by the event OIC.
- b. Can be used as a tiebreaker event.
- c. Overall team placement will be IAW placement procedures covered earlier in this document.

CONSENT TO MEDICAL TREATMENT

STATEMENT REQUIRED BY PRIVACY ACT OF 1974

(1) AUTHORITY: TITLE 10, U.S. CODE 2102.

(2) PRINCIPAL PURPOSES: A statement authorizing medical care in civilian or government medical facilities while attending or traveling to or from JROTC annual JCLC.

(3) ROUTINE USES: Normal personnel actions: Disclosure of information may be provided to proper authorities in actions regarding medical treatment, legal actions as a result of injury or death, and investigation of accident resulting from JROTC annual JCLC.

(4) MANDATORY OR VOLUNTARY DISCLOSURE AND EFFECT ON INDIVIDUAL NOT PROVIDING INFORMATION: Voluntary. Failure to complete form will disqualify JROTC cadet from participating in specific voluntary training exercises.

I _____, consent to be treated in an Army Hospital, or any other government or civilian medical facility, near or enroute to _____, (Installation, State)

while attending or traveling to or from 4th Brigade Raider Competition _____ date

This consent encompasses all procedures and treatments as are found to be necessary or desirable, in the judgment of the professional staff of any of the above-named medical facilities. I understand that this consent is of a general nature and accordingly list the following exceptions to this consent (if no exceptions write "No Exceptions")

_____, _____.

I (am) (am not) on medication. (List type, if on medication)

I (am) (am not) allergic to medication. (List type, if allergic)

It is understood that this consent can be withdrawn in writing or orally at anytime.

Signature of Witness

Signature of Cadet

Print Name of Witness

SSN _____
Print Name of Cadet

PARENT OR GUARDIAN: (When cadet is a minor or unable to give consent), I _____, parent/guardian of _____ have read and understood the above consent to treatment and hereby expressly consent to the above-described treatment.

Signature of Witness

Signature of Parent

Print Name of Witness

SSN _____
Print Name of Parent

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NOTE: If a parent or guardian cannot be contacted, please list another person to contact in case of an emergency.

Emergency Contact: _____
(Name and Address)

Telephone: _____ Other: _____

STATE OF PHYSICAL CONDITION

(_____) _____
Initials

To the best of my knowledge, my son/daughter/ward is in good physical condition. Participation in the 4th Brigade Raider Competition, in my opinion, will not have an adverse affect on his/her health and well being. I will inform the Senior Army Instructor of any changes.

(_____) _____
Initials

My son/daughter/ward has a history of (identify illnesses; Heart disease, Asthma, Overweight, Sinus, Rheumatic Fever, Ear Infection, Headaches, or any other ailments)

_____ ,

and is on _____ medication. He/she is allergic to the following medication: _____.

NOTE: Students that are found to have previous history of any type illness, past injury, and/or symptoms of suspected medical ailment, will be returned home if treatment is needed or desired.

(Signature of Cadet/Parent/Guardian) (Signature of Cadet/Parent)

**CONVENANT NOT TO SUE
OFF-CAMPUS TRAINING AND PRACTICAL FIELD/HIGH RISK TRAINING**

(1) **AUTHORITY:** Title 10, U.S. Code 23-1.

(2) **PRINCIPAL PURPOSE(S):** To release the U.S. Government, the host institution and the state in which said institution is located from liability for injury; death, or damages for JROTC cadets participating in voluntary off-campus training programs, practical field, and high risk training.

(3) **ROUTINE USES:** Normal personnel actions. Disclosures of information may be provided to proper authorities in actions regarding law enforcement, legal actions as a result of injury or death, and investigations of accidents resulting from such voluntary off-campus training, practical field, and high-risk training.

(4) **MANDATORY OR VOLUNTARY DISCLOSURE AND EFFECT ON INDIVIDUAL NOT PROVIDING INFORMATION:** Voluntary. Failure to complete form will disqualify JROTC cadet from participating in specific voluntary training exercises.

I _____, residing at _____,
(Type or print full name) (Address) (City)

do hereby agree that in consideration for being allowed to participate in JROTC Activities

conducted by _____ Army JROTC detachment, and Army
(Name of JROTC Instructor Group)

supervised activity, and whereas I am doing so entirely on my own initiative, risk, and responsibility; and being fully aware of the risk adhering to this type of training, I hereby **RELEASE AND DISCHARGE FOREVER**, the United States Army, the State of _____ and _____ and all of its officers, agents, and employees, acting officially or (Name of School)

from any and all claims demands, actions or causes of action, on account of myself OR on account of any injury to me which may occur from any cause during said activity or continuances thereof, and I do further covenant and agree to hold the said Government of the United States, State of _____,

_____ and all of its officers, agents, and employees, acting officially or otherwise, blameless for any and all damages which I may cause either intentionally or thru my negligence.

Typed/Printed Name of Parent or Guardian if Participant is a Minor

Signature of Parent or Guardian if Participant is a Minor

Relationship to Cadet

Date

WITNESSED BY:

Age/Period Covered

Signature of Cadet

(Covenant not to sue)