

Expires 30 July 2015

TRANSMITTAL, ACTION AND CONTROL

For use of this form see MCoE Memo 25-52; the proponent is SGS

1. SGS LOG:	2. IN SGS:	3. OUT SGS:	4. DATE PREPARED: 13 July 2015
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5. SUBJECT:
Range Safety Waiver, Fiske Range Complex Department of Homeland Security

6. ACTION OFFICER/OFFICE SYMBOL/PHONE NUMBER: OFTP Range Coordinator, Richard Hopp, 706-685-5081	7. DIRECTOR'S/COMMANDER'S SIGNATURE: OFTP Assistant Director, Garth Werner, 706-685-5013.
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SIGNATURE
 APPROVAL
 INFORMATION

SGS
 Editor
 Garrison CSM
 USAIS CSM
 USAARMS CSM
 MCoE CSM
 CDID
 GC
 CIG
 CofS
 SA
 Comdt, IN School
 Comdt, AR School
 CG

1. PURPOSE: To obtain the Commanding General's signature on the Fiske Range Complex/Department of Homeland Security (DHS) Safety Waiver

2. RECOMMENDATION: Commanding General signs Fiske Range Waiver

3. DISCUSSION:

REFERENCE: AR 385-63, 30 January 2012, and DA Pamphlet 385-63, 16 April 2014, Range Safety, TRADOC Regulation 385-2, TRADOC Safety Program, 06 December 2011, MCoE Range and Terrain Regulation 350-19, 17 July 2013.

ISSUE: DHS is requesting various areas covered by Surface Danger Zones on Fiske Range as described in the CG document to be waived in order to allow Students to be trained to required standards.

1. Immigration and Customs Enforcement OFTP (Office of Firearms and Tactical Program) is an advanced training center. OFTP is a train the trainer unit. Instructors are permanently assigned to OFTP/Fiske Range, Fort Benning. Students who attend firearms training have a minimum of three years federal law enforcement in an armed position.
2. Risk Management factors were considered in the development of the Range Safety Waiver. The residual risk level is marked as Moderate.
3. The above reference (TRADOC Regulation 385-2) delegated waiver authority to General Officers Commanding TRADOC installations to reduce dimensions of Surface Danger Zones when terrain, artificial barriers, other barriers or the controlling factors make smaller danger zones safe.

4. THIS DOCUMENT IS AUTHORED BY:

8. COORDINATION/APPROVAL

S:

OFFICE	ACTION	NAME AND DATE	OFFICE	ACTION	NAME AND DATE
Survey	CONCUR	MR EDENS 07/17/15			
Rng Opns	CONCUR	B. J. S. 16 Jul 15			
Safety	CONCUR w/c	K. Edens 17 July 15			
DPTMS	CONCUR	KATHON 28 JUL 15			
G3	CONCUR	LECP NOLMAN 28 JUL 15			

STAFF REMARKS: (Command Group Use Only)	APPROVAL AUTHORITY APPROVED: DISAPPROVED: NOTED:
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DEPARTMENT OF THE ARMY
HEADQUARTERS UNITED STATES ARMY MANEUVER CENTER OF EXCELLENCE
1 KARKER STREET
FORT BENNING, GEORGIA 31905-5000

31 JUL 2015

IMBE-PL

MEMORANDUM FOR: Director, Plans, Training, Mobilization and Security, U.S. Army
Garrison, Fort Benning, Georgia 31905

SUBJECT: Range Waiver – Fiske Range for Department of Homeland Security

1. References:

- a. AR 385-63, Range Safety, 30 Jan 2012.
- b. DA PAM 385-63, Range Safety, 16 Apr 2014.
- c. TRADOC Regulation 385-2, TRADOC Safety Program, 6 Dec 2011.
- d. MCoE Regulation 350-19, Range and Terrain regulation, 1 Mar 2013.

2. Discussion: The Department of Homeland Security (DHS) is the sponsor for Fiske Range. Fiske Range is an advanced weapons training center for the Office of Firearms and Tactical Program (OFTP) for Immigration and Customs Enforcement. Commercial steel targets are used in various training scenarios. Instructors are permanently assigned and students who attend training have a minimum of three years Federal law enforcement in an armed position.

3. Areas to be waived:

- a. Area #1: The Surface Danger Zone (SDZ) that extends beyond the outer walls of the simunition shoot house in lane one out to a radius of 75 meters allowing simultaneous use of training in lane one and two.
- b. Area #2: The portion of the SDZ from the tactical operations area in lane one that covers the following: the shoot house area in lane one and a portion of lanes two and three allowing simultaneous use of training in lane one, two and three.
- c. Area #3: The portion of the SDZ from lanes two through six that cover each lane allowing simultaneous use of training in lane one through six, except the live fire shoot house in lane six.
- d. Area #4: The portion of the SDZ that extends beyond the outer walls of the live fire shoot house in lane six out to a radius of 3437 meters allowing simultaneous use of

training in lane one through four. Note: when the south end of the berm between lanes five and six is closed then lane five will be used as well.

e. Areas #5 and #6: The use of steel targets and supporting commercial ballistics data.

4. Controlling Factors:

a. Area #1: The simunition shoot house is constructed of steel beams covered with plywood walls, a catwalk to observe and control training and a fabricated metal roof. Simunition rounds cannot penetrate the walls or roof of the building and all training is conducted under the direct supervision of OFTP Use of Force instructors.

b. Area #2: There are berms separating lanes one, two and three. The OFTP Use of Force instructors control the area around the shoot house.

c. Area #3: There are berms separating lanes one through six. The OFTP Use of Instructors monitor the directions of fire in each lane enforcing the standard of weapons control.

d. Area #4: The live fire shoot house has specially constructed bullet absorbing target traps with replaceable rubber. The walls are constructed of AR 500 ballistic steel, reinforced with replaceable plywood covering, replaceable rubber matting and a filler of crushed rock. There is a two foot wide red painted no shoot stripe at the top of the walls. All training is conducted under the direct supervision of OFTP Use of Force/Special Response Team (SRT) instructors. SRT instructors have advanced experience above the regular staff instructors and the SRT students to be trained are at an advanced level. Training will consist of multiple walk through dry runs with no ammunition, practice runs with Simunition, then live fire exercises. Training will be conducted in accordance with DHS/ICE national firearms and tactical training unit live fire shoot house standard operating procedure.

e. Areas #5 and #6: MCoE Policy Memorandum 385-63-12, Use of Steel Targets in Marksmanship Training, 3 Dec 14, will be followed. Steel targets located on Fiske Range will be engaged with frangible, duty/ball ammunition in accordance with ICE/OFTP SOP for use of steel targets. Steel targets are hardened for rifle bullets and are angled downward to reduce ricochet. Targets are placed at a 90 angle from the firing line. Shooters will engage Steel targets at safe distances in accordance with ICE OFTP SOP for steel targets.

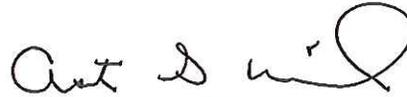
5. Deliberate Risk Assessment Worksheet (DRAW) factors are considered in the development of this range waiver. Units are responsible for having a DRAW completed, signed by the Commander, and submitted to Range Operations prior to firing on this range.

IMBE-PL

SUBJECT: Range Waiver – Fiske Range for Department of Homeland Security

6. This waiver is valid for one year. In the event of an accident arising from the use of this range under these waived conditions, this waiver becomes invalid until reinstated by this headquarters.

7. The Point of Contact is Mr. Brad Tesch, Operations Officer, Range Division, Directorate of Plans, Training, Mobilization, and Security, 706-544-6385.

A handwritten signature in black ink, appearing to read "Austin S. Miller". The signature is fluid and cursive, with a large loop at the end.

AUSTIN S. MILLER
Major General, USA
Commanding



DEPARTMENT OF THE ARMY
HEADQUARTERS UNITED STATES ARMY MANEUVER CENTER OF EXCELLENCE
1 KARKER STREET
FORT BENNING, GEORGIA 31905-5000

REPLY TO
ATTENTION OF
ATZB-SO

17 July 2015

MEMORANDUM FOR Department of Homeland Security, NFTTU Assistant Director,
Attn: Mr. Richard Hopp, Fort Benning, GA 31905

SUBJECT: DHS (ICE) Reactive Steel Target Deviation on Fiske Range Concept and
Safety Review.

1. References.

- a. Army Regulation 385-10, The Army Safety Program, 27 November 2013
- b. Army Regulation 385-63, Range Safety, 30 January 2012
- c. Department of the Army Pamphlet 40-501, Hearing Conservation Program, 10 December 1998
- d. Department of the Army Pamphlet 385-10, Army Safety Program, RAR 19 January 2010
- e. Department of the Army Pamphlet 385-30, Mishap Risk Management, 02 December 2014
- f. Department of the Army Pamphlet 385-63, Range Safety, 16 April 2014
- g. Army Techniques Publication 5-19, Risk Management, 14 April 2014
- h. MCoE Regulation 350-19, Range and Terrain Regulation, 01 March 2013
- i. MCoE Policy Memorandum 385-6-1, Risk Management, 30 October 2014

2. Document received on 16 July 2015.

3. Concur w/comment.

a. DRAW, Block 10, pg. 1. Overall Residual Risk Level is MODERATE, not the LOW indicated on the form.

b. DRAW, Blocks 6 & 9, pg 1. The "Personal injury due to accidental discharge of a

ATZB-SO

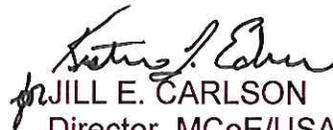
SUBJECT: DHS (ICE) Reactive Steel Target Deviation on Fiske Range Concept and Safety Review.

weapon", recommend that the Initial and Residual Risk Levels be elevated to "HIGH" and "MODERATE". This recommendation is based upon the severity of ingesting a high velocity (3200 FPS) projectile and the designed purpose of the combined munition and weapon system.

4. Recommend that frangible ammunition be used to conduct this training on reactive Steel Targets (RST) or marking targets, which visually identify the puncture point for each round shot, are far safer. Shape targets with a variety of squares, triangles, circles, rectangles and other shapes are key way to conduct point target shooting skills without the hazard of steel jackets flying back in your direction.

5. Point of contact is Mr. Michael W. Risher II, MCoE/Fort Benning Safety Office, Comm. (706) 545-8278, Govt. Cell. (706) 604-7249, michael.w.risher.civ@mail.mil

Encl


JILL E. CARLSON
Director, MCoE/USAG Safety



Safe Shoot House

WOODLINE

Lane 1

Tactical OPS Area

ARMING

"A"

Lane 2

"B"

Lane 3

Lane 4

Lane 5

Lane 6

FENCE

FENCE

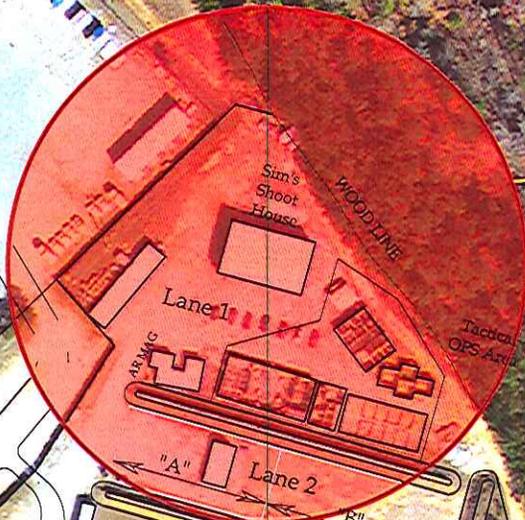
WOODLINE

Fiske Range

Live Fire Shoot House

Simunitions
Shoothouse

Simunition/FX Shoothouse
75m Radius SDZ Area to Waive



WOOD LINE

WOODLINE

ERVICE

Lane 3

Lane 4

Lane 5

Lane 6

WOOD LINE

Fiske Range

A
- AREA : #1

Live Fire
Shoot House



Lanes 1 - 6 SDZ
Area to Waive

Fiske Range

AREA : #3

Live Fire
Shoot House

Sim's
Shoot
House

Tactical
OPS Area

Lane 1

Lane 2

Lane 3

Lane 4

Lane 5

Lane 6

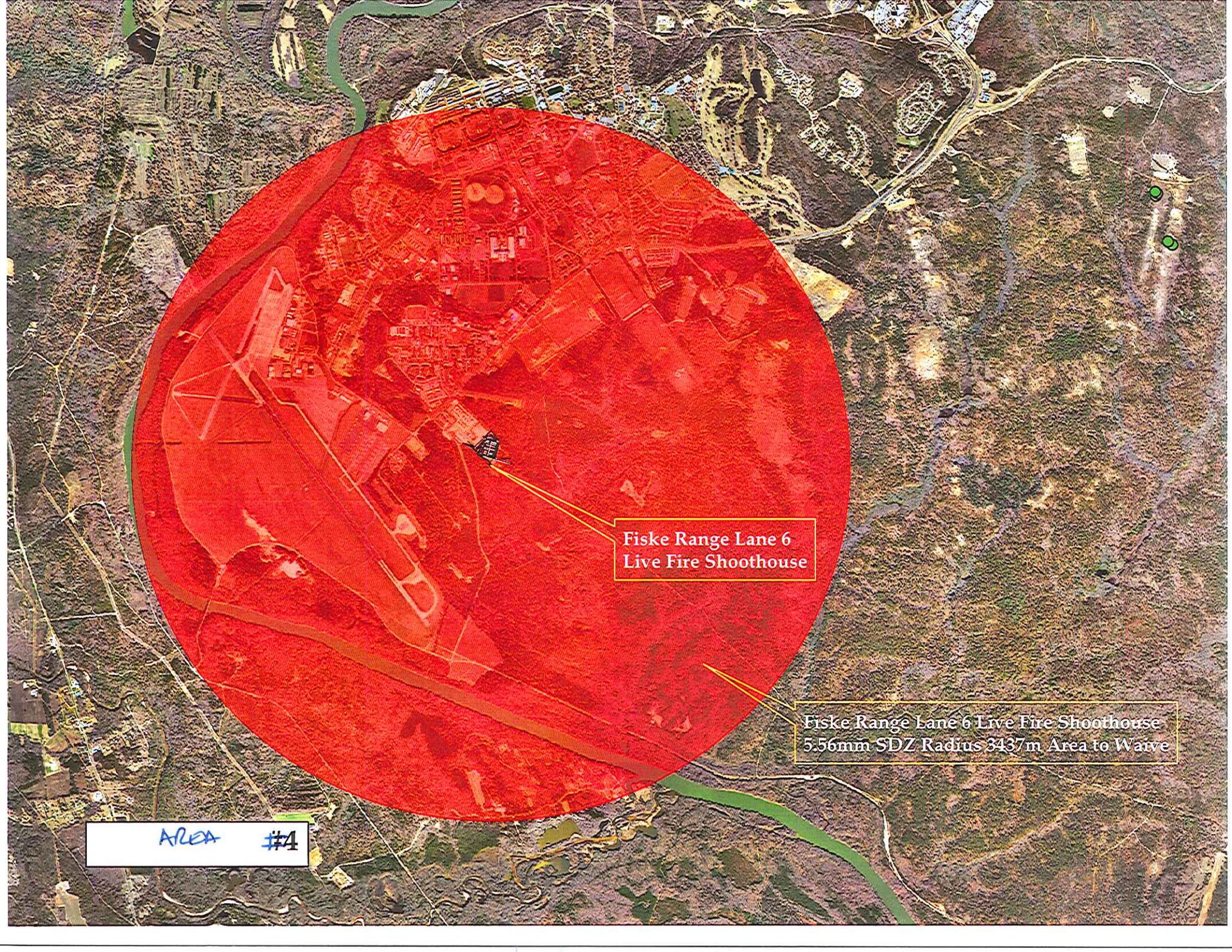
WOOD LINE

WOOD LINE

ERVICE

AREA

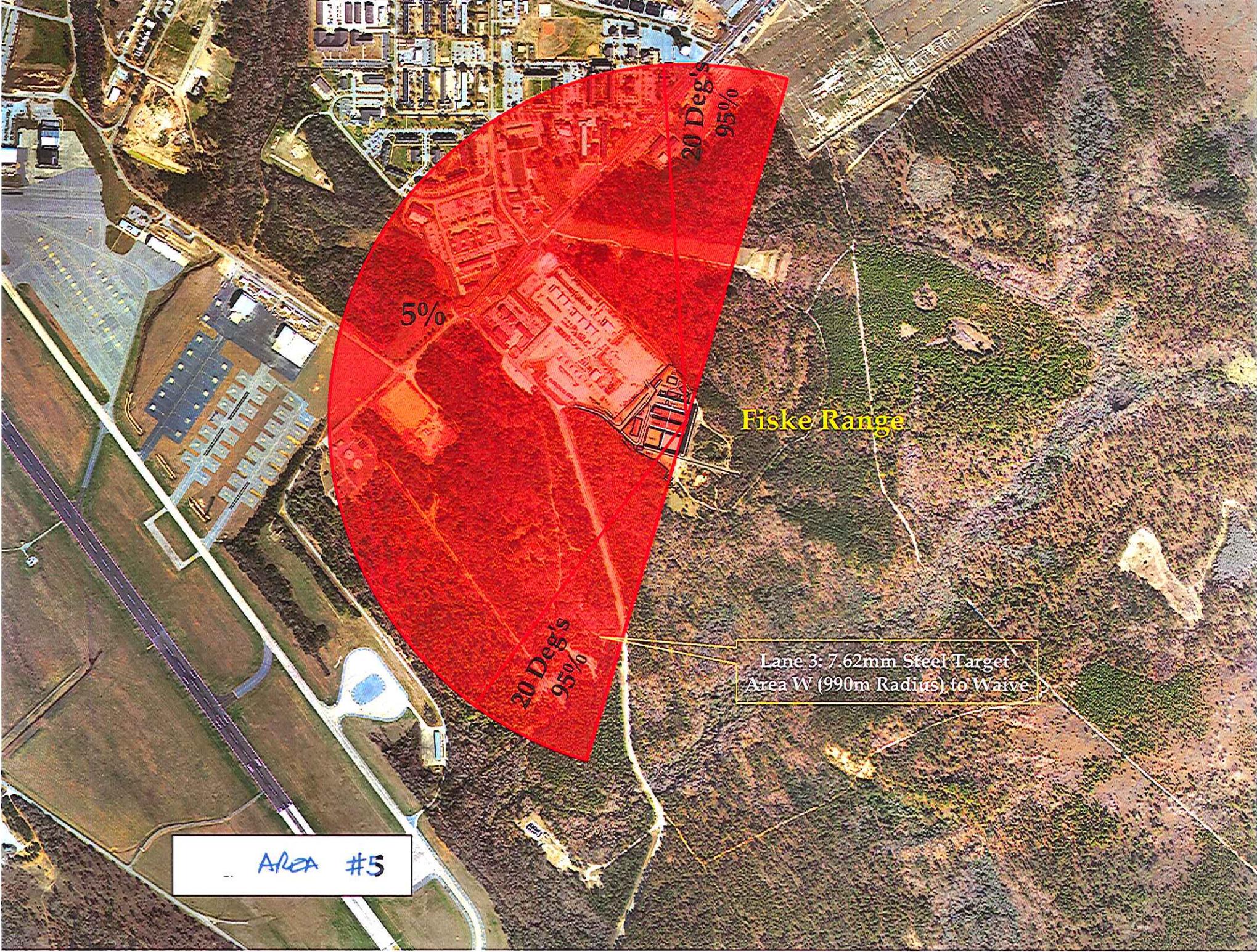
#3



Fiske Range Lane 6
Live Fire Shoothouse

Fiske Range Lane 6 Live Fire Shoothouse
5.56mm SDZ Radius 3437m Area to Waive

AREA #4



20 Deg's
95%

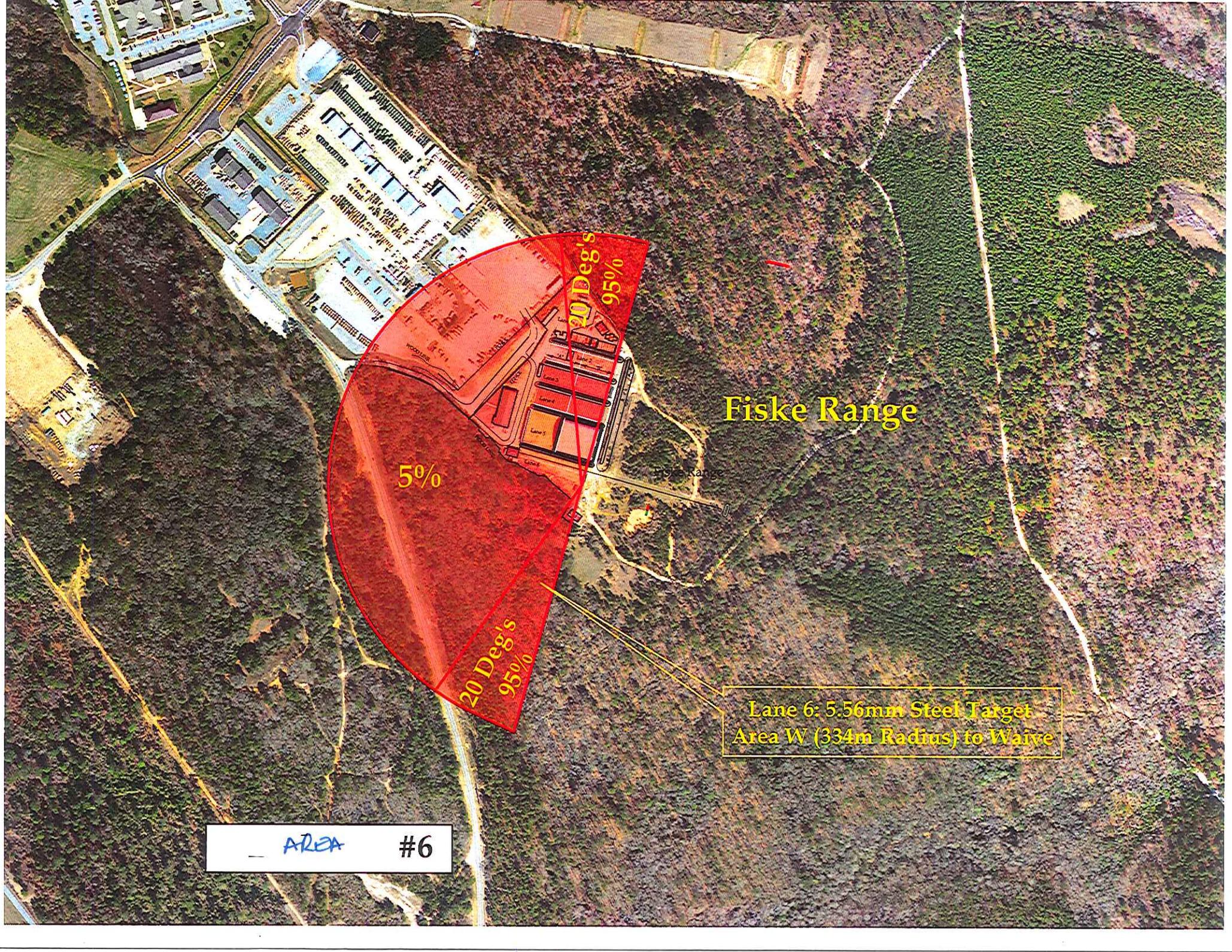
5%

Fiske Range

20 Deg's
95%

Lane 3: 7.62mm Steel Target
Area W (990m Radius) to Waive

Area #5



Fiske Range

5%

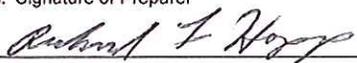
20 Deg's
95%

20 Deg's
95%

Lane 6: 5.56mm Steel Target
Area W (334m Radius) to Waive

AREA #6

DELIBERATE RISK ASSESSMENT WORKSHEET

1. MISSION/TASK DESCRIPTION Qualification/Familiarization/Tactical Exercises/SRT Training/Force on Force Training/Firearm & Ammunition Testing at Fiske Range		2. DATE (DD/MM/YYYY) 29/10/2014			
3. PREPARED BY					
a. Name (Last, First, Middle Initial) Hopp, Richard F		b. Rank/Grade GS-12	c. Duty Title/Position Equipment Specialist Ordnance/ DHS Range Coordinator		
d. Unit DHS/ICE Office of Firearms and Tactical Programs	e. Work Email Richard.hopp@dhs.gov		f. Telephone (DSN/Commercial (Include Area Code)) (706) 685-5081		
g. UIC/CIN (as required)	h. Training Support/Lesson Plan or OPORD (as required)		i. Signature of Preparer 		
Five steps of Risk Management: (1) Identify the hazards (2) Assess the hazards (3) Develop controls & make decisions (4) Implement controls (5) Supervise and evaluate (Step numbers not equal to numbered items on form)					
4. SUBTASK/SUBSTEP OF MISSION/TASK	5. HAZARD	6. INITIAL RISK LEVEL	7. CONTROL	8. HOW TO IMPLEMENT/ WHO WILL IMPLEMENT	9. RESIDUAL RISK LEVEL
Live Fire Exercise	Personal injury	High	Instructors will be briefed on the hazards listed on the Daily Risk Management Worksheet.	How: Safety Briefing before each block of training Who: Program Coordinator for Each training evolution	Moderate
Prevent Probability of Occurrence	Ricochet	Moderate	Range checked for ricochet hazards prior to firing. Frangible ammunition is used on steel targets to eliminate	How: Issue of eye and hearing protection Who: Cadre will implement check of berms	Low
			Ricochets. Duty ammunition fired at safe distance from steel. 15 feet high side berms constructed		
Prevent Probability of Occurrence	Weapon Malfunction	Low	RSO or OIC will brief (along with range safety brief) proper techniques to correct a malfunction	How: Per Local OFTP Guidelines Who: OIC, RSO, instructors	Low
Prevent Probability of Occurrence	Personal injury due to accidental discharge of a weapon	Low	Weapons only loaded on the firing line or in designated area at the direction of the DHS Instructor	How: Per Local OFTP Guidelines Who: OIC, RSO, Instructors	Low
Additional entries for items 4 through 9 are provided on pages 2-5.					
10. OVERALL RESIDUAL RISK LEVEL (All controls implemented):					
<input type="checkbox"/> EXTREMELY HIGH <input type="checkbox"/> HIGH <input checked="" type="checkbox"/> MEDIUM <input type="checkbox"/> LOW					
11. OVERALL SUPERVISION PLAN AND RECOMMENDED COURSE OF ACTION					
The OIC will keep in close communication with the RSO on all training being conducted at Fiske Range. The RSO will make continuous contact with all Lead Instructors on each lane that is being used for training. If any problem or incident occurs then it will be immediately reported to the OIC and if needed Range Division and Post Safety.					
12. APPROVAL OR DISAPPROVAL OF MISSION OR TASK APPROVE DISAPPROVE					
a. Name (Last, First, Middle Initial) Davis, J. David	b. Rank/Grade GS-15	c. Duty Title/Position DHS/ICE OFTP Deputy Assistant Director, Tactical Operations Branch		d. Signature of Approval Authority 	
e. Additional Guidance:					

DELIBERATE RISK ASSESSMENT WORKSHEET

4. SUBTASK/SUBSTEP OF MISSION/TASK	5. HAZARD	6. INITIAL RISK LEVEL	7. CONTROL	8. HOW TO IMPLEMENT/ WHO WILL IMPLEMENT	9. RESIDUAL RISK LEVEL
CQB Training with FX marking cartridge to include helicopter insertion and extraction.	Students not Prepared for Mission	High	Ensure students selected to perform supporting functions have been trained in the skills required to accomplish the mission. Required mission materials are on hand.	How: : Class Room Instruction, Safety Brief, PZ Rehearsal, briefings Who: OIC, RSO, instructors	Moderate
CQB Training with FX marking cartridge to include helicopter insertion and extraction	PZ PHASE Student unfamiliar with Aviation Operations Unfamiliar terrain and landing areas Aircraft Configuration	Moderate	Briefing and rehearsals will be conducted to familiarize all personnel with the area. Crews will complete performance-planning prior to take off for the mission. Crews will verify they have OGE power to conduct the mission.	How: Safety Brief, PZ Rehearsal, LZ Rehearsal, briefings Who: ASO, AMC, PCs, Pls, Crew chiefs, Lead Instructor, Continuous Supervision	Low
CQB Training with FX marking cartridge to include helicopter insertion and extraction	ENROUTE INGRESS/EGRESS PHASE Injury during an emergency landings	High	Students must be briefed and understand what to do in event of an emergency. All commands must come from the crew chief on whether to exit or stay in the aircraft. Pre-arranged hand signal should be briefed to assume the crash position, stay in the aircraft and depart the aircraft	How: Briefings, Rehearsal. Cold Load Training, WX Brief, Planning, SOP Who: ASO, AMC, PCs, Pls, Crew chiefs, Lead Instructor, Continuous Supervision	Moderate
CQB Training with FX marking cartridge to include helicopter insertion and extraction.	Adverse WX	Moderate	Rehearse the mission. Abort mission if weather becomes a factor. Brief pilots to amend the mission if conditions deteriorate or appear to be changing	How: Briefings, Rehearsal. Cold Load Training, WX Brief, Planning, SOP Who: ASO, AMC, PCs, Pls, Crew chiefs, Continuous Supervision	Low
				How: Who:	

DELIBERATE RISK ASSESSMENT WORKSHEET

DELIBERATE RISK ASSESSMENT WORKSHEET

Risk Assessment Matrix		Probability (expected frequency)				
		Frequent: Continuous, regular, or inevitable occurrences	Likely: Several or numerous occurrences	Occasional: Sporadic or intermittent occurrences	Seldom: Infrequent occurrences	Unlikely: Possible occurrences but improbable
Severity (expected consequence)		A	B	C	D	E
Catastrophic: Death, unacceptable loss or damage, mission failure, or unit readiness eliminated	I	EH	EH	H	H	M
Critical: Severe injury, illness, loss, or damage; significantly degraded unit readiness or mission capability	II	EH	H	H	M	L
Moderate: Minor injury, illness, loss, or damage; somewhat degraded unit readiness or mission capability	III	H	M	M	L	L
Negligible: Minimal injury, loss, or damage; little or no impact to unit readiness or mission capability	IV	M	L	L	L	L

Legend:

EH – extremely high risk H – high risk M – medium risk L – low risk

13. RISK ASSESSMENT REVIEW ~~5HTXUJGZKHQDMWPHQVSSQHVWQJ/RQJRS/UDTRQVFLDAMWV~~

a. Date	b. Last Name	c. Rank/Grade	d. Duty Title/Position	e. Signature of Reviewer

14. FEEDBACK AND LESSONS LEARNED

15. ADDITIONAL COMMENTS OR REMARKS

DELIBERATE RISK ASSESSMENT WORKSHEET

Instructions for Completing DD Form 2977, "Deliberate Risk Assessment Worksheet"

<p>1. Mission/Task Description: Briefly describe the overall Mission or Task for which the deliberate risk assessment is being conducted.</p>	<p>10. Overall Risk After Controls are Implemented: Assign an overall residual risk level. This is the highest residual risk level (from block 9).</p>
<p>2. Date " 0 0 <<<< : Self Explanatory.</p>	<p>11. Supervision Plan and Recommended Course of Action: Completed by preparer. Identify specific tasks and levels of responsibility for supervisory personnel and provide the decision authority with a recommend course of action for approval or disapproval based upon the overall risk assessment.</p>
<p>3. Prepared By: Information provided by the individual conducting the deliberate risk assessment for the operation or training . Legend: UIC = Unit Identification Code; CIN = Course ID Number; OPORD = operation order; DSN = defense switched network; COMM = commercial</p>	
<p>4. Sub-task/Sub-Step of Mission/Task: Briefly describe all subtasks or substeps that warrant risk management.</p>	<p>12. Approval/Disapproval of Mission/Task: Risk approval authority approves or disapproves the mission or task based on the overall risk assessment, including controls, residual risk level, and supervision plan. Space provided for authority to provide additional evidence; use continuation page if needed.</p>
<p>5. Hazard: Specify hazards related to the subtask in block 4.</p>	<p>13. Risk Assessment Review: Should be conducted on a regular basis. Reviewers should have sufficient oversight of the mission or activity and controls to provide valid input on changes or adjustments needed. If the residual risk rises above the level already approved, operations should cease until the appropriate approval authority is contacted and approves continued operations.</p>
<p>6. Initial Risk Level: Determine probability and severity. Using the risk assessment matrix (page 3), determine level of risk for each hazard specified. probability, severity and associated Risk Level; enter level into column.</p>	
<p>7. Control: Enter risk mitigation resources/controls identified to abate or reduce risk relevant to the hazard identified in block 5.</p>	
<p>8. How to Implement / Who Will Implement: Briefly describe the means of employment for each control (i.e., OPORD, briefing, rehearsal) and the name of the individual unit or office that has primary responsibility for control implementation.</p>	<p>14. Feedback and Lessons Learned: Provide specific input on the effectiveness of risk controls and their contribution to mission success or failure. Include recommendations for new or revised controls, practicable solutions, or alternate actions. Submit and brief valid lessons learned as necessary to persons affected.</p>
<p>9. Residual Risk Level: After controls are implemented, determine resulting probability, severity, and residual risk level.</p>	<p>15. Additional Comments or Remarks: Preparer provides additional comments, remarks, or information to support the risk assessment. If block 15 is used as a continuation of block 14, strike through the block number and title.</p> <p>Additional Guidance: Block 4-9 continuance page may be reproduced as necessary for processing of all subtasks/ substeps of the mission/task. If a complete page is not utilized, write "NOTHING FOLLOWS" on the first unused row, immediately after the final item assessed.</p>