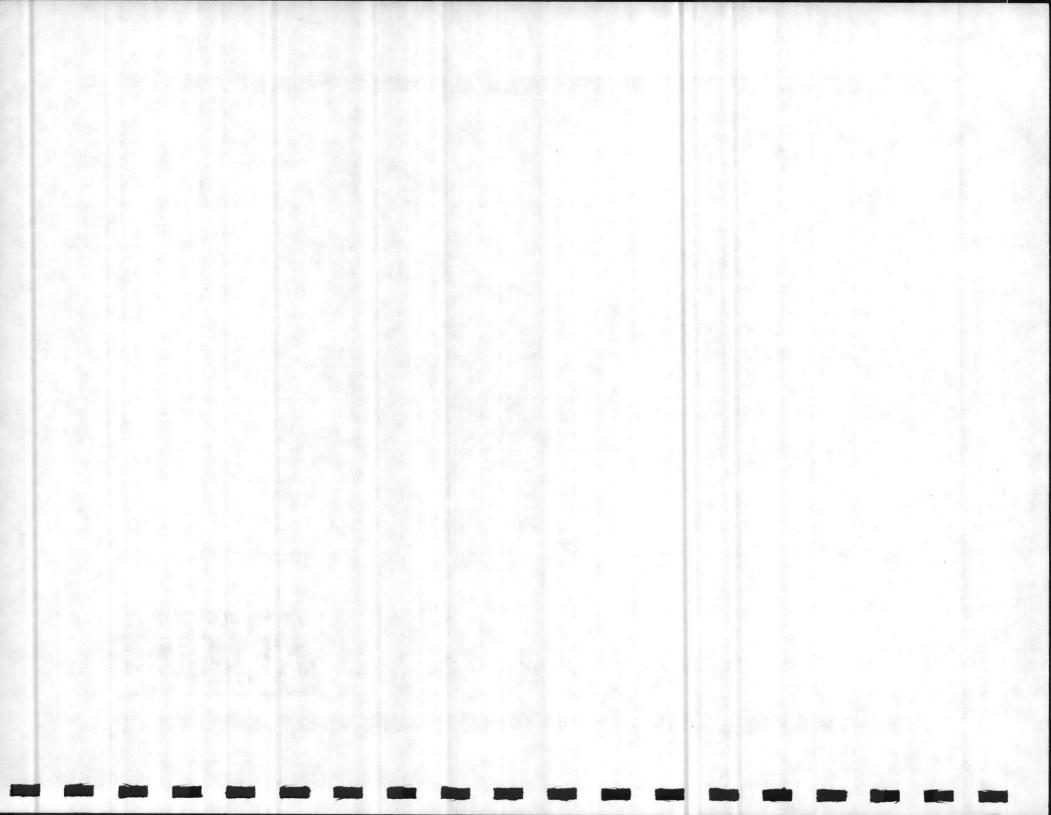




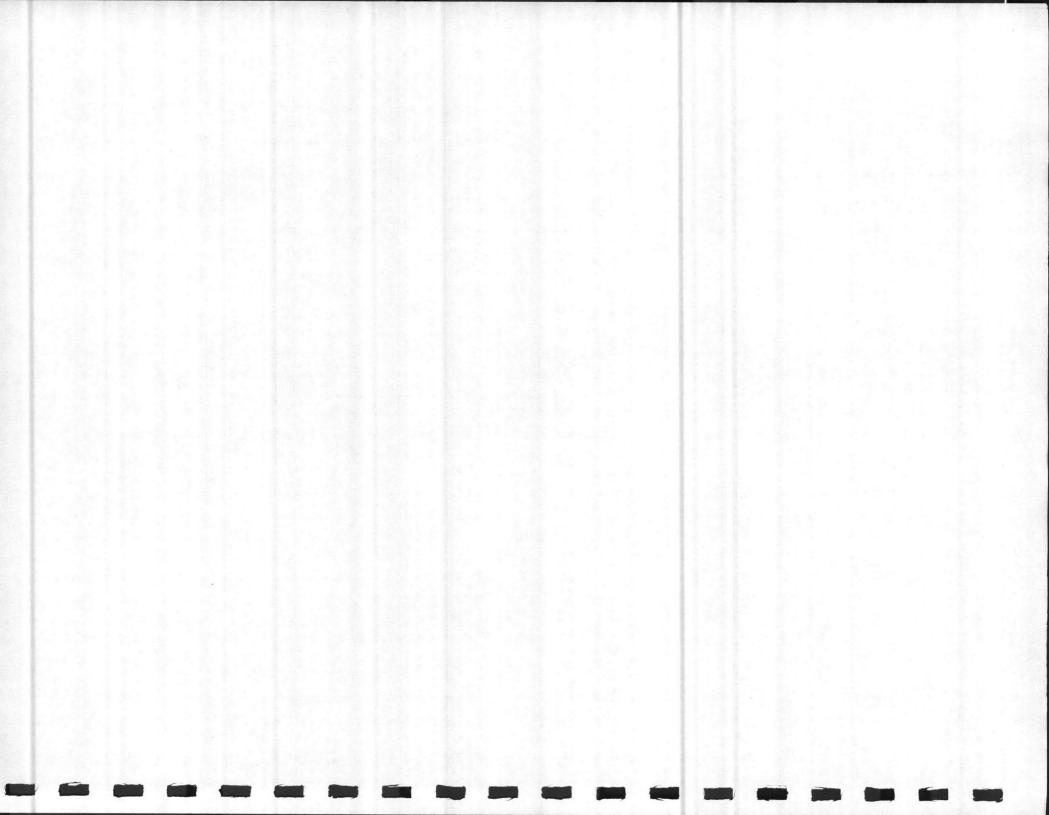
LATAR STUDY (PHASE I - PROBLEM DEFINITION) MARINE CORPS LIVE FIRE RANGE AND MANEUVER AREA RESOURCES VOLUME 2 - MCB, CAMP LEJEUNE, NC/ MCAS, NEW RIVER, NC PART II, SECTION 2

SEPTEMBER 30, 1987

BDM/NOR-87-0949-TR



PART II, SECTION 2 UNIT TRAINING AND MANEUVER AREA RESOURCES (UTMAS-P CONTINUED)



LATAR MANEUVER AREA INVENTORY DATA FORM (UTMAS-P-0001)

SUBMITTED BY: D. J. Hashagen, Sr., DRCO, AV 484-2102

MANEUVER AREA NAME AND LOCATION: LC, MCB, Camp Lejeune, NC

ANEUVER AREA:
X Electronic Warfare
X Amphibious Exercises
) X MAGTF FTX
X Air-to-Ground Operations
Other
Other

INSTRUCTIONS:

-- One form for each maneuver area

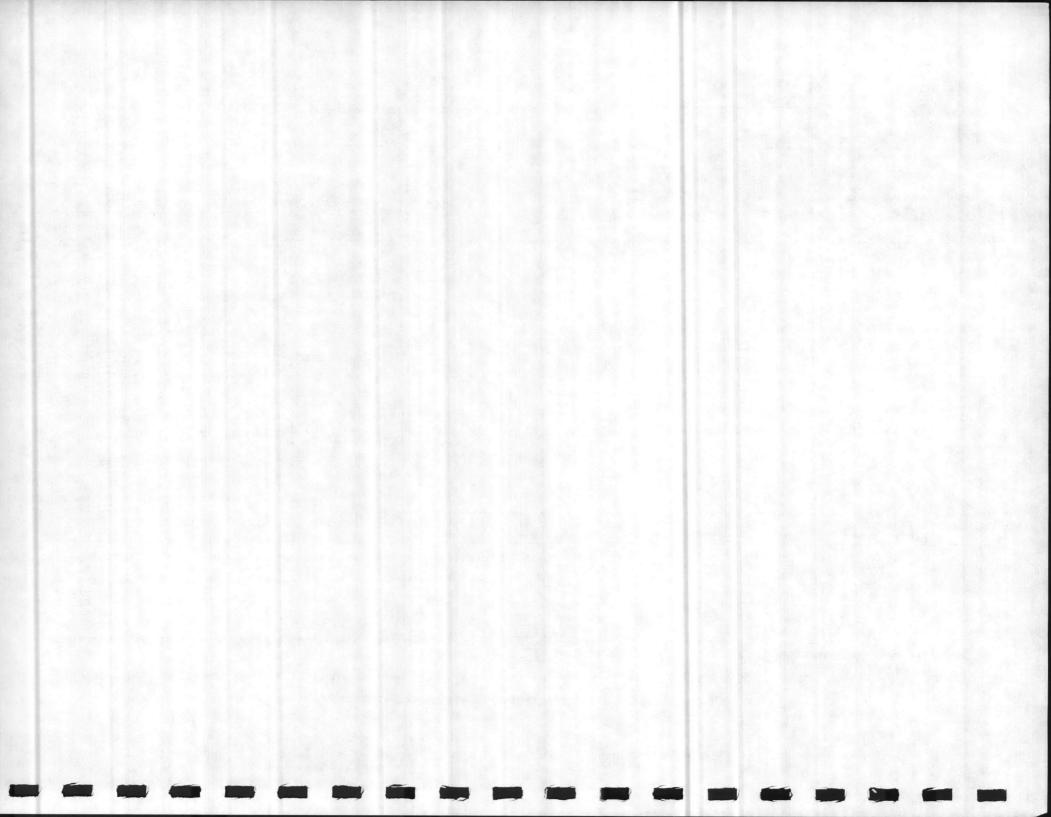
-- Fill in data elements as appropriate

-- Use right column for new or improved maneuver areas needed

DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Range Shape and Dimensions Dimensions (km)	5 sq km	in the second second	
Primary Direction of Fire			
	TP7527 to TP7827 to TP7530 to TP7630		
[2] You	/\ /\ North		
Associated Air Space Altitude (ft) Ingress and Egress Routes		· · · · · · · · · · · · · · · · · · ·	
Access No. of Land Access Routes No. of Land Water Routes No. of Air Ingress Routes	3 1 1		
No. of Air Egress Routes No. of Beach Access Areas			

PAGE 1 OF 5 DATE: 03/05/87

MANEUVER AREA MANAGER: D. J. Hashagen, Sr.



DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Climate Seasonal Tropic Temperate Arctic. Desert All-Weather (Indoor) Other		NOT APPLICABLE	NOT APPLICABLE
Terrain Type Percentage Mountainous Percentage Rolling Percentage Swamp Percentage Desert Percentage Beach Percentage Level Percentage Water	100	NOT APPLICABLE	NOT APPLICABLE
Soil Type Percentage Rock Percentage Sand Percentage Clay Percentage Swamp/Marsh Percentage Loamy Percentage Other	100 . 	NOT APPLICABLE	NOT APPLICABLE
Vegetation Percentage None Percentage Sparse Percentage Moderate Percentage Heavy	120 ······		

FILE NAME: UP010050 PAGE 2 OF 5 DATE: 03/05/87

MANEUVER AREA MANAGER: D. J. Hashagen, Sr.



DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
List Capacity of an 8-Hour Training Day. Specify: Unit of Measure, e.g., No. of Bns/Sgdns No. of Aircraft/Helos No. of AAVs/LCACs as Appropriate	2		
Number of Days per Year the Maneuver Area is Available	335	·	
Non-availability per Year Total Maintenance Weather Budget Fire Condition/Weather Weekends/Holidays Other	30	0	0
Is the Maneuver Area Capable of Nighttime Use? Yes, No	Yes		
Other Maneuver Areas/Ranges Which Must Be Closed When This Maneuver Area is in Use	Undefined		

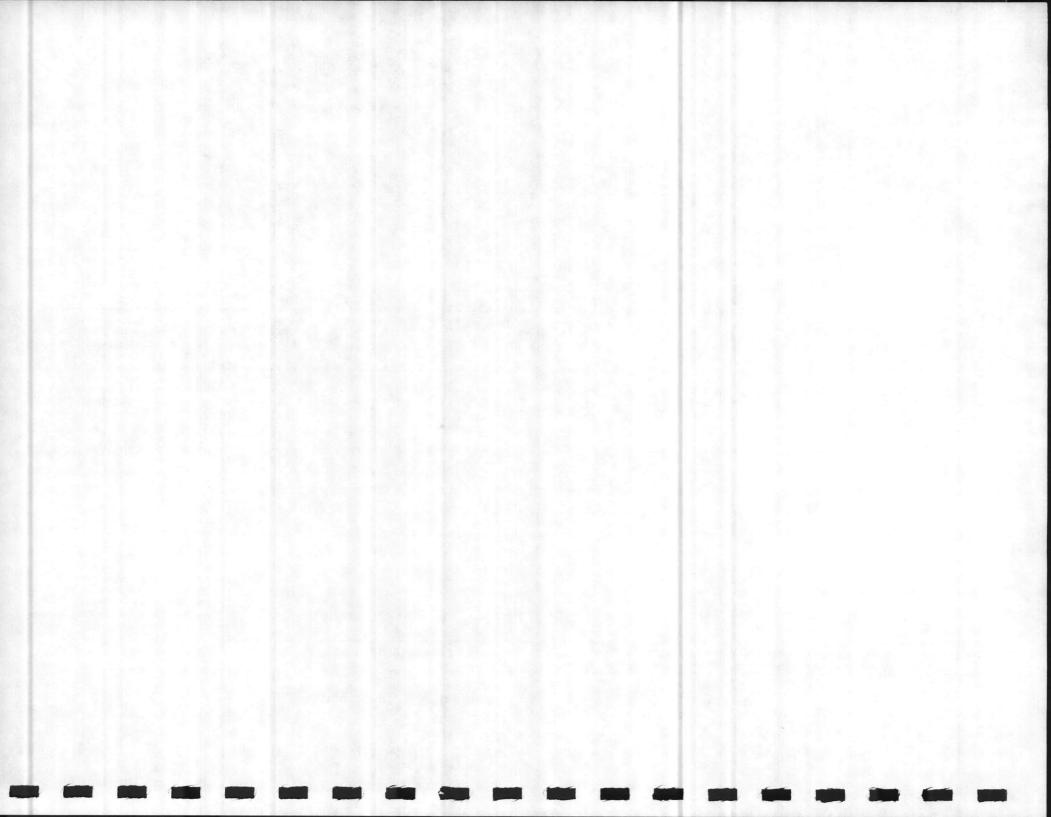
FILE NAME: UP010050 PAGE 3 OF 5 DATE: 03/05/87

MANEUVER AREA MANAGER: D. J. Hashagen, Sr.

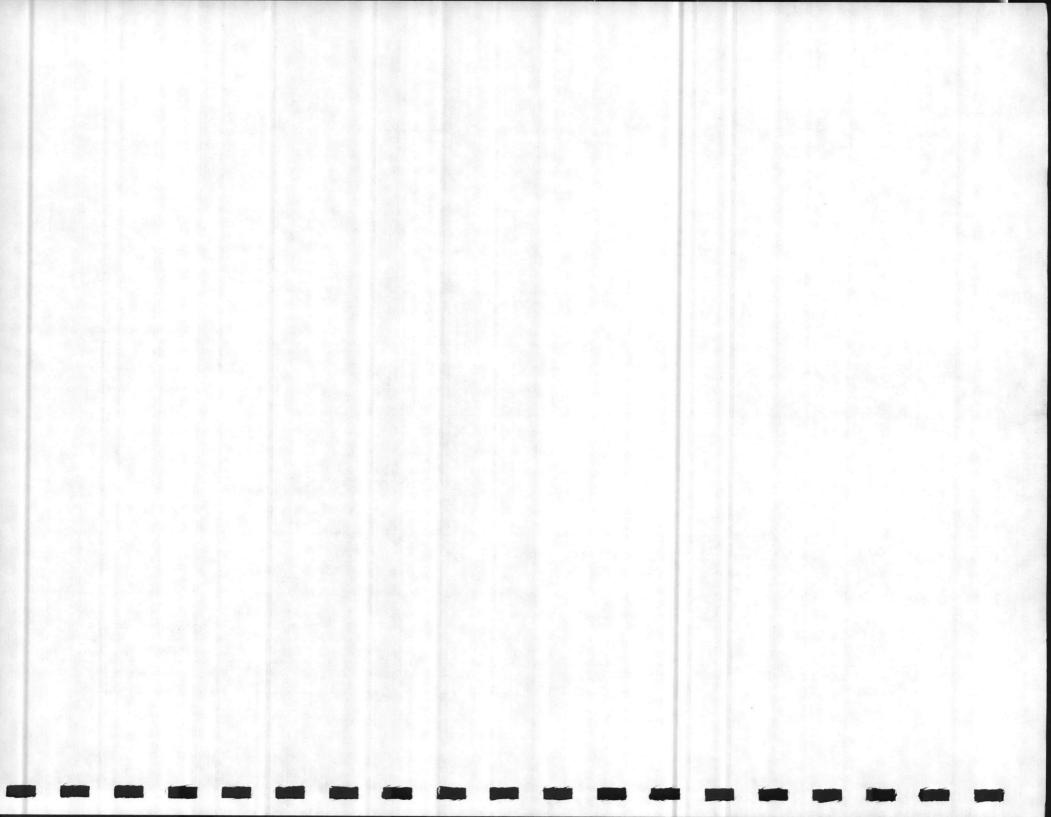
UTMAS-P-0001

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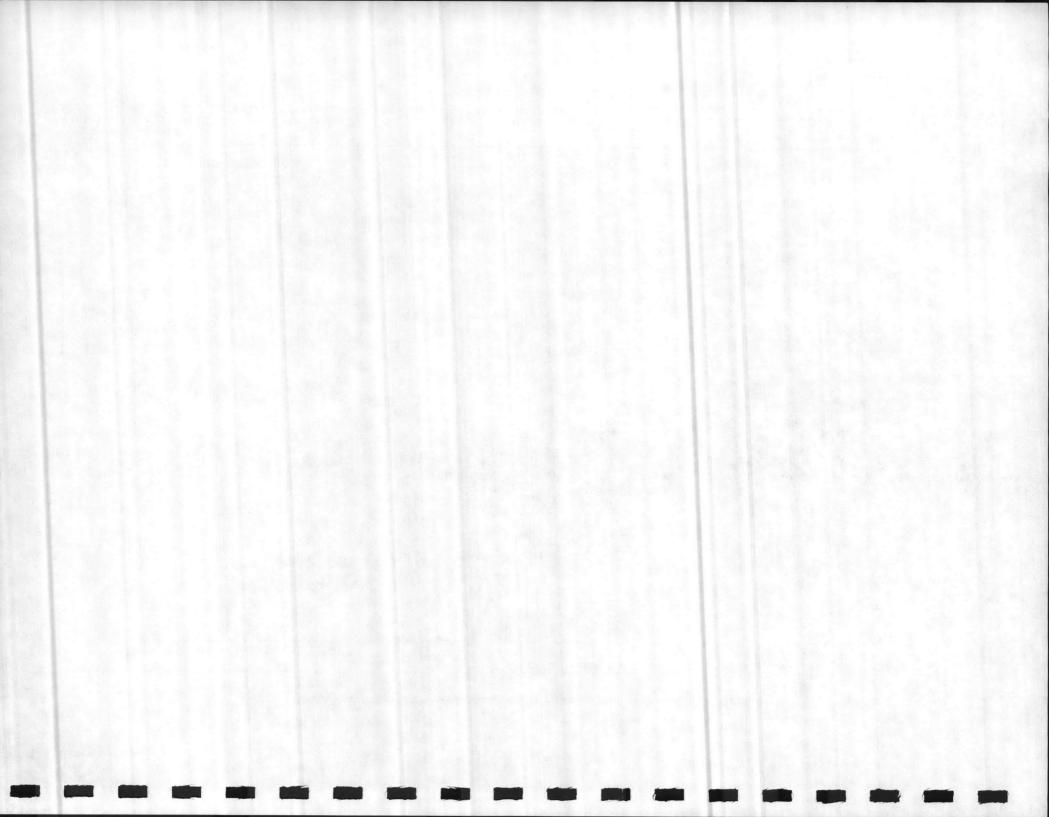
di te



DATA ELEMENT	PRESENT CHARACTERISTICS	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE
a anoro broo anageo	Yes Hazardous waste area TP7728 to TP7828	
Are There Site-unique Re- quirements Placed on Using Units? Yes, No, Explain	 Yes LZ Owl TP762285	
Distance from Supply Points POL (km) Ammunition (km) Rations (km)	20	
Restrictions on Maneuver Area Use Environmental AICUZ FAA Noise Gas/Chemical Pyrotechnics/Flare Time of Day		
Time of Year Other	X	
TLE NAME: UP010050 AGE 4 OF 5 DATE: 03/05/87	MANEUVER AREA MANAGER: D. J.	 UTMAS-P-0



DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE
	and the second second second second		
		the second second second	A manufacture of the second second
S NAME: UP010050	-		·



LATAR MANEUVER AREA INVENTORY DATA FORM (UTMAS-P-0001)

SUBMITTED BY: D. J. Hashagen, Sr., DRCO, AV 484-2102

MANEUVER AREA NAME AND LOCATION: MA, MCB, Camp Lejeune, NC

	TYPE MANE	UVER AREA:
x	Infantry X	Electronic Warfare
x	Artillery	Amphibious Exercises
x	Armor (LAVs, AAVs, Tanks)	MAGTF FTX
	Combined Arms	Air-to-Ground Operations
x	Communications Exercises	Other
x	Logistics Exercises	Other

INSTRUCTIONS:

-- One form for each maneuver area

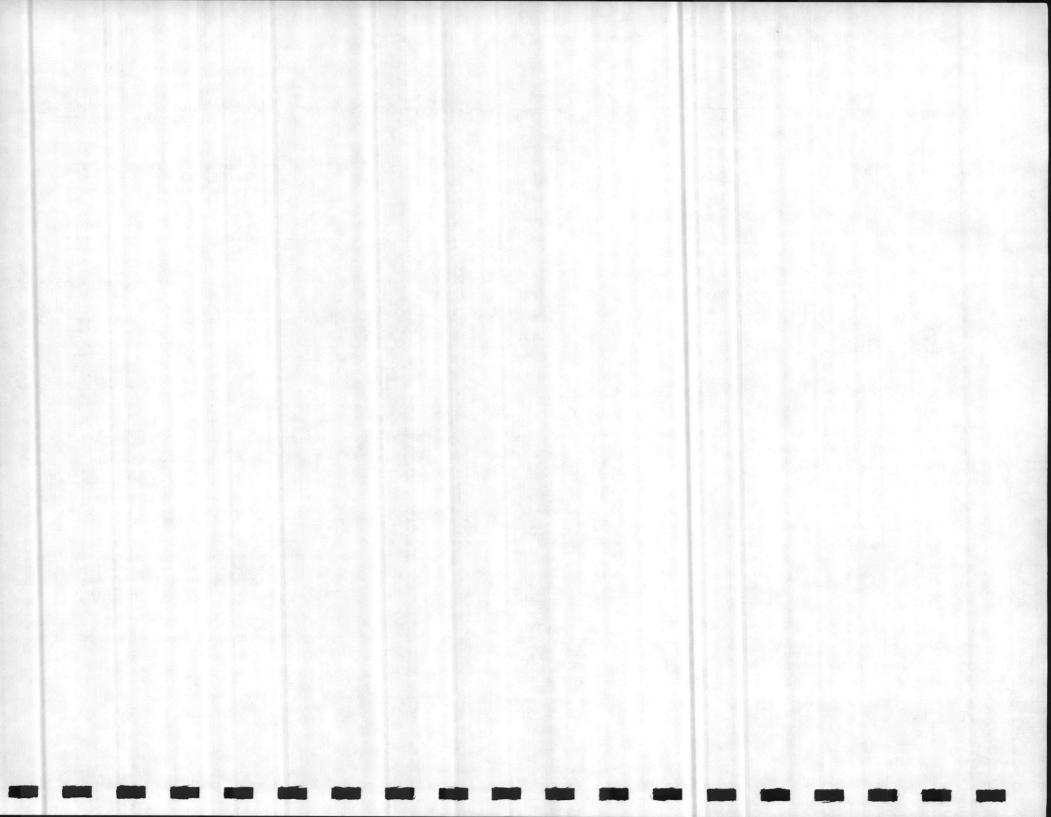
-- Fill in data elements as appropriate

-- Use right column for new or improved maneuver areas needed

DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Range Shape and Dimensions Dimensions (km)	3.5 sq km		
Primary Direction of Fire			
	TP7339 to TP7341 to TP7541 to TP7540		
	/\ /\ North		
Associated Air Space Altitude (ft) Ingress and Egress Routes	17,999 N to S	· · · · · · · · · · · · · · · · · · ·	
Access	 		
No. of Land Access Routes			
No. of Land Water Routes No. of Air Ingress Routes			
No. of Air Egress Routes			1
No. of Beach Access Areas			

FILE NAME: UP010051 PAGE 1 OF 5 DATE: 03/05/87

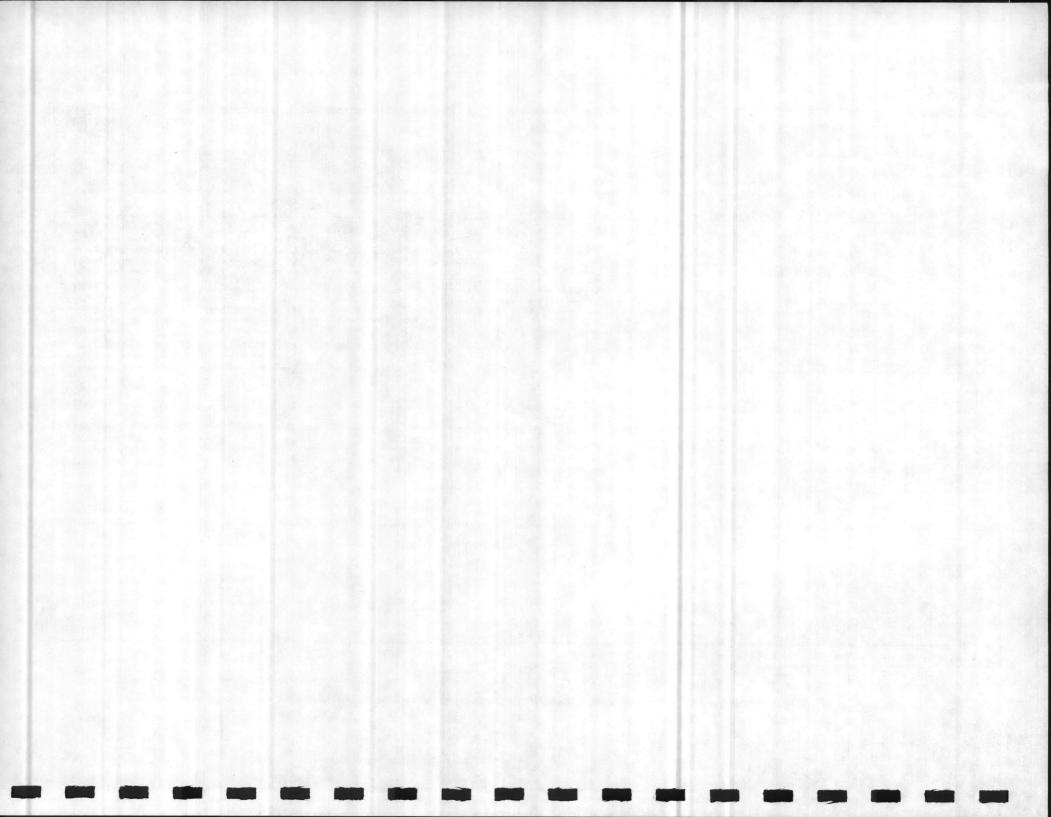
MANEUVER AREA MANAGER: D. J. Hashagen, Sr._



DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Climate Seasonal Tropic Temperate Arctic. Desert All-Weather (Indoor) Other	X	NOT APPLICABLE	NOT APPLICABLE
Terrain Type Percentage Mountainous Percentage Rolling Percentage Swamp Percentage Desert Percentage Beach Percentage Level Percentage Water	65 15	NOT APPLICABLE	NOT APPLICABLE
Soil Type Percentage Rock Percentage Sand Percentage Clay Percentage Swamp/Marsh Percentage Loamy Percentage Other	85	NOT APPLICABLE	NOT APPLICABLE
Vegetation Percentage None Percentage Sparse Percentage Moderate Percentage Heavy	20 70		

FILE NAME: UP010051 PAGE 2 OF 5 DATE: 03/05/

DATE: 03/05/87 MANEUVER AREA MANAGER: D. J. Hashagen, Sr._



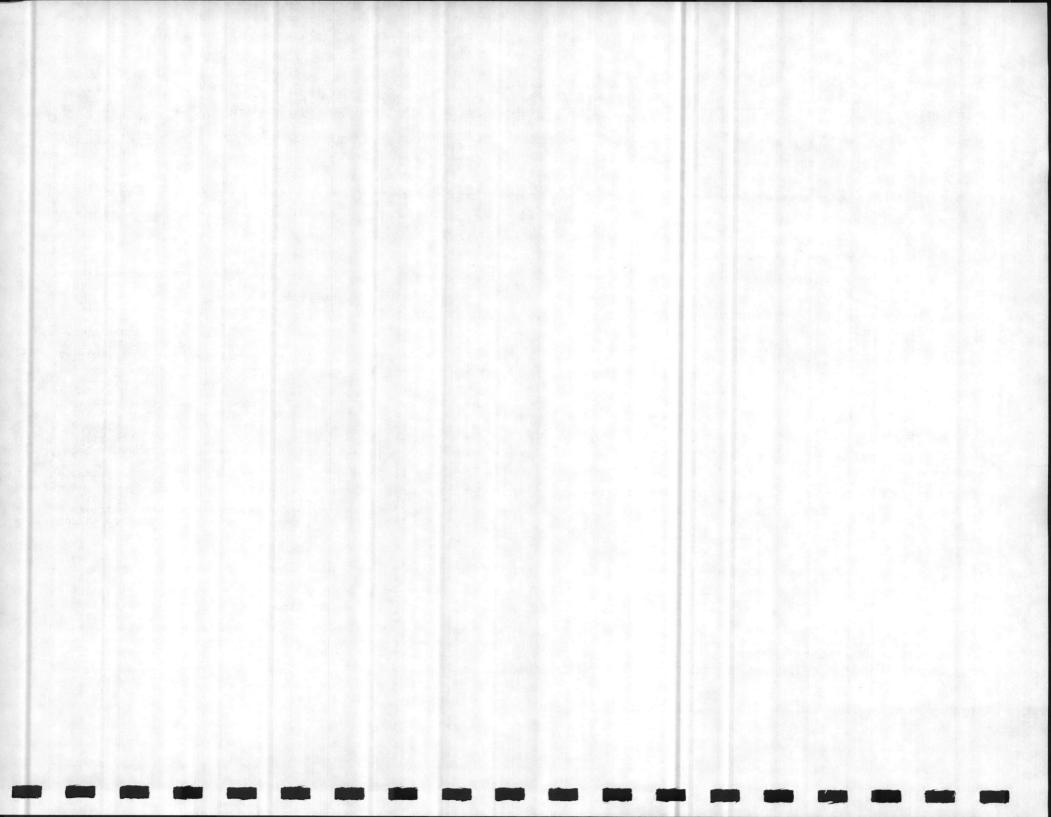
DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
List Capacity of an 8-Hour Training Day. Specify: Unit of Measure, e.g., No. of Bns/Sqdns No. of Aircraft/Helos No. of AAVs/LCACs as Appropriate		·····	
Number of Days per Year the Maneuver Area is Available	335		
Non-availability per Year Total Maintenance Weather Budget Fire Condition/Weather Weekends/Holidays Other	30		0
Is the Maneuver Area Capable of Nighttime Use? Yes, No	 Yes 	•	
Other Maneuver Areas/Ranges Which Must Be Closed When This Maneuver Area is in Use	Undefined		

FILE NAME: UP010051 PAGE 3 OF 5 DATE: 03/05/87

MANEUVER AREA MANAGER: D. J. Hashagen, Sr.

UTMAS-P-0001

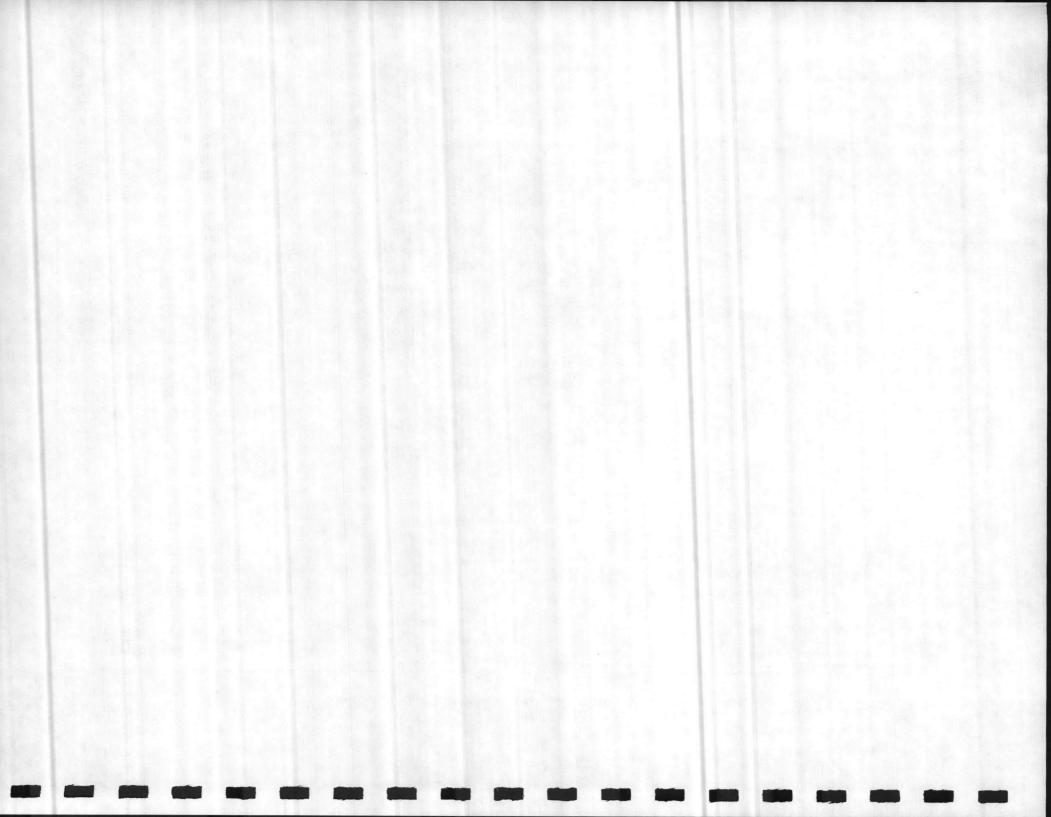
1513



PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS
No	a	
No		
7 35 7		· ·
X X X X Tree harvest X Fire Conditions		
	No No No 7 35 7 	PRESENT CHARACTERISTICS (INCLUDE YEAR) No



DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS
			•
	:		
		A P MATTER BOARD	
IE: UP010051 DF 5 DATE: 03/05/8	7 MANEUVER AREA MANAGER: D. J	Washanan Ga	UTMAS-P-C



LATAR MANEUVER AREA INVENTORY DATA FORM (UTMAS-P-0001)

SUBMITTED BY: D. J. Hashagen, Sr., DRCO, AV 484-2102

MANEUVER AREA NAME AND LOCATION: MB, MCB, Camp Lejeune, NC

	TYPE MANEU	VER AREA:
x	Infantry X_ Artillery	Electronic Warfare Amphibious Exercises
x	Armor (LAVs, AAVs, Tanks) Combined Arms	MAGTF FTX Air-to-Ground Operations
x	Communications Exercises	Other
X	Logistics Exercises	Other

INSTRUCTIONS:

-- One form for each maneuver area

-- Fill in data elements as appropriate

-- Use right column for new or improved maneuver areas needed

DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
	4.5 sq km	4	
Primary Direction of Fire			
Coordinates	TP7439 to TP7441 to TP7739 to TP7638		
	/\ /\ North		
Associated Air Space Altitude (ft) Ingress and Egress Routes	17,999 N to S		
Access			
No. of Land Access Routes No. of Land Water Routes			
No. of Air Ingress Routes			
No. of Air Egress Routes No. of Beach Access Areas			

FILE NAME: UP010052 PAGE 1 OF 5 DATE: 03/05/87

MANEUVER AREA MANAGER: D. J. Hashagen, Sr.

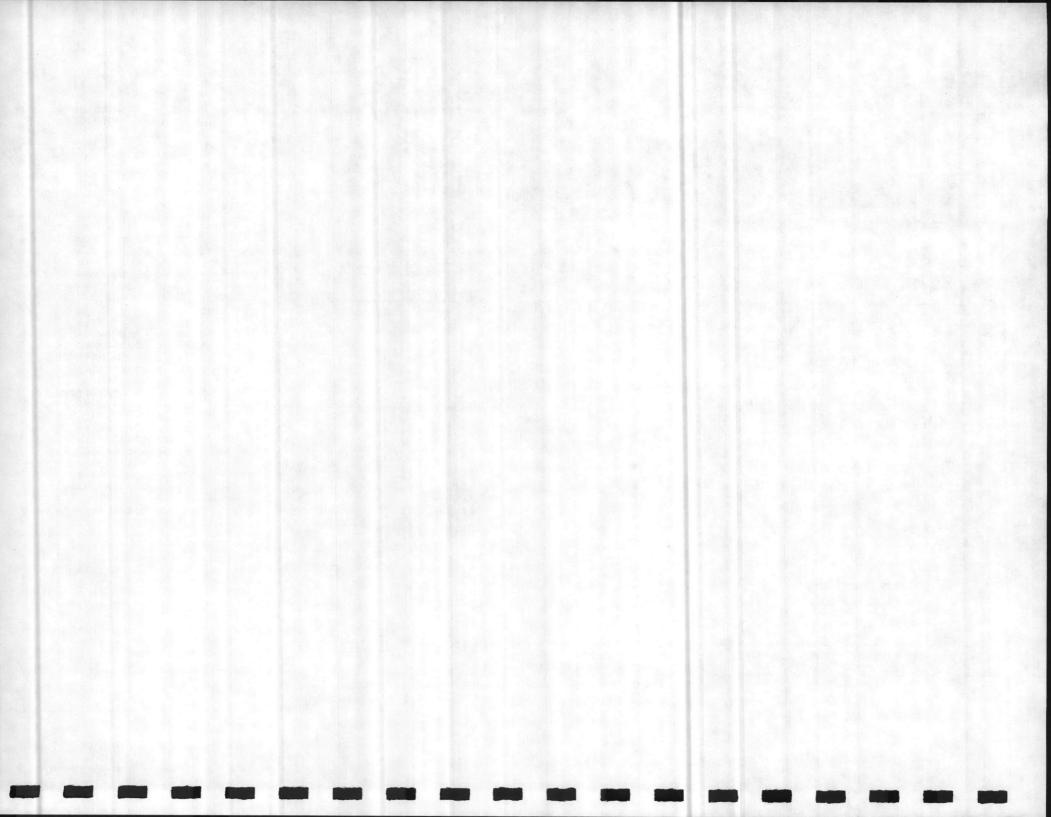


DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Climate Seasonal Tropic Temperate Arctic Desert All-Weather (Indoor) Other	x	NOT APPLICABLE	NOT APPLICABLE
Terrain Type Percentage Mountainous Percentage Rolling Percentage Swamp Percentage Desert Percentage Beach Percentage Level Percentage Water	20	NOT APPLICABLE	NOT APPLICABLE
Soil Type Percentage Rock Percentage Sand Percentage Clay Percentage Swamp/Marsh Percentage Loamy Percentage Other		NOT APPLICABLE	NOT APPLICABLE
Vegetation Percentage None Percentage Sparse Percentage Moderate Percentage Heavy	30 70		

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FILE NAME: UP010052 PAGE 2 OF 5 DATE: 03/05/87

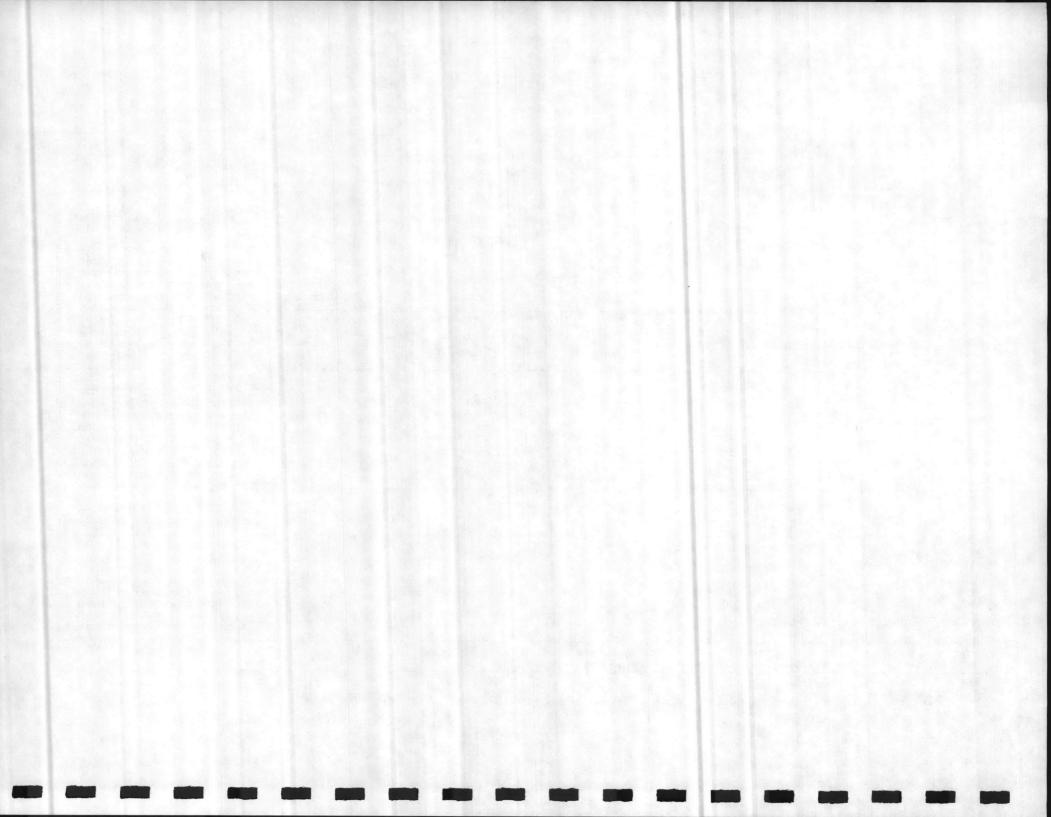
MANEUVER AREA MANAGER: D. J. Hashagen, Sr._



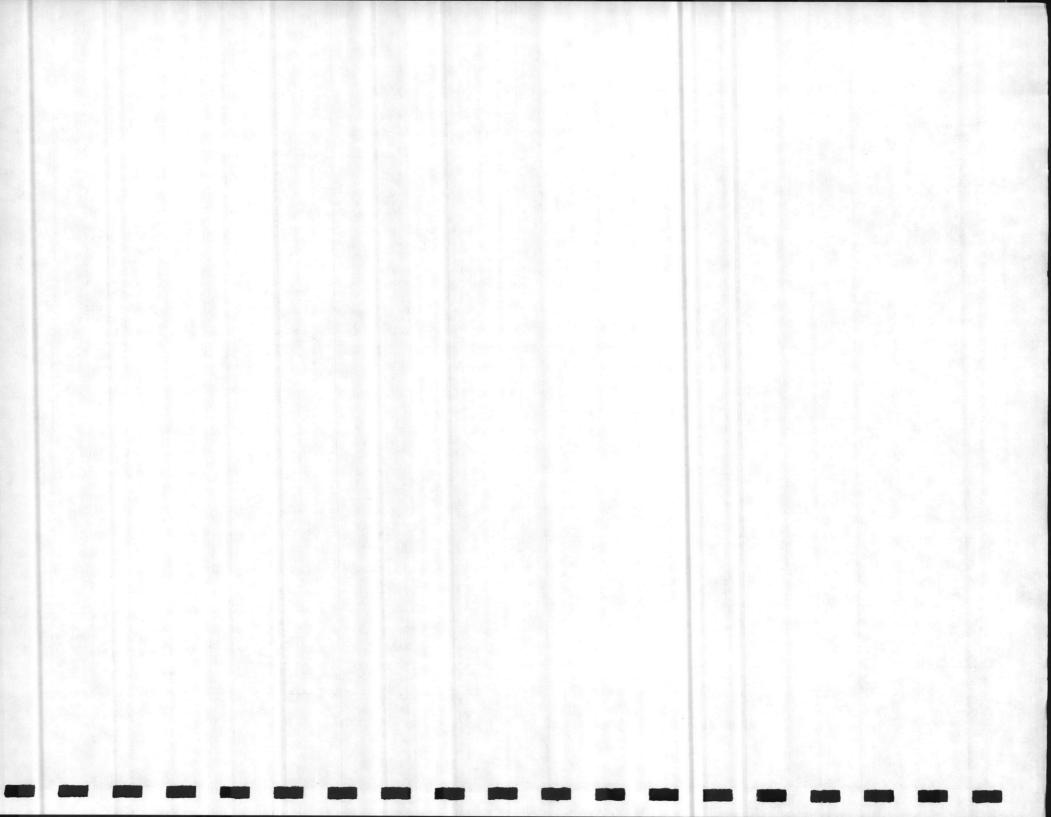
DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
List Capacity of an 8-Hour Training Day. Specify: Unit of Measure, e.g., No. of Bns/Sqdns No. of Aircraft/Helos No. of AAVs/LCACs as Appropriate	4		
Number of Days per Year the Maneuver Area is Available	335		
Non-availability per Year Total Maintenance Weather Budget Fire Condition/Weather Weekends/Holidays Other	30	0	0
Is the Maneuver Area Capable of Nighttime Use? Yes, No	Yes	•	 ,
Other Maneuver Areas/Ranges Which Must Be Closed When This Maneuver Area is in Use	Undefined		

FILE NAME: UP010052 PAGE 3 OF 5 DATE: 03/05/87

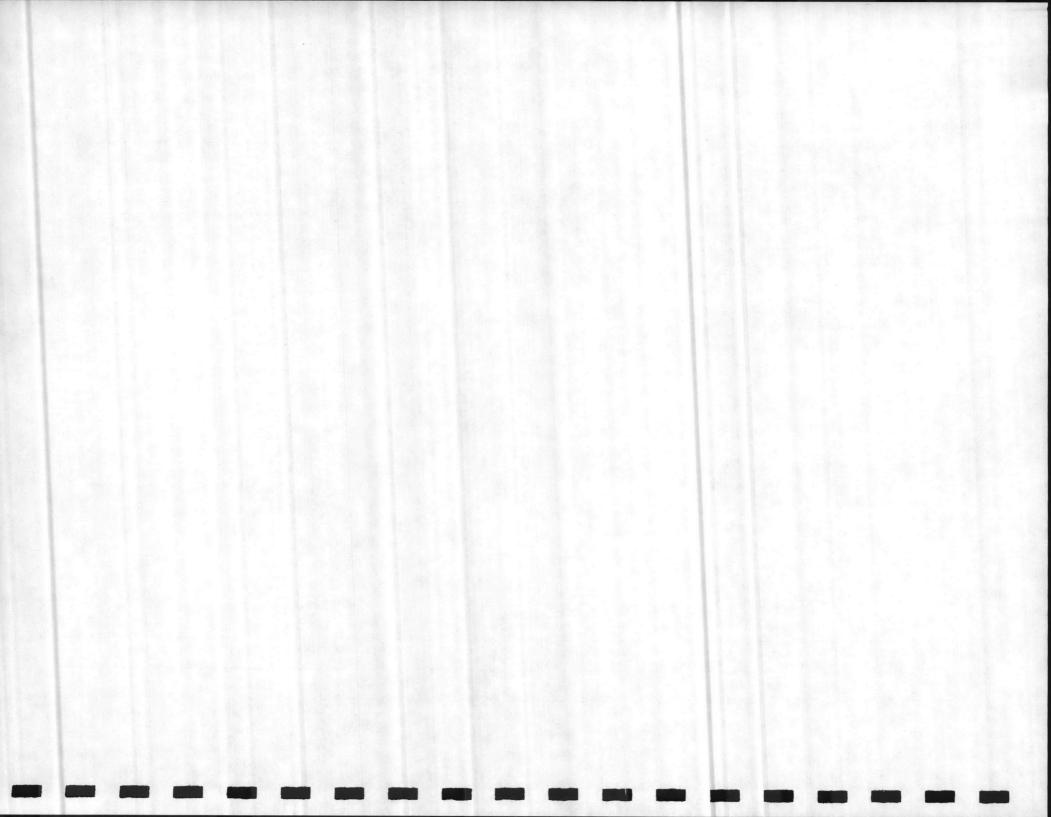
MANEUVER AREA MANAGER: D. J. Hashagen, Sr._



PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE
No	•	
Yes LZ Parrot TP766392		
10 30 10 	 	
X Woodpecker habitat		
	No Yes LZ Parrot TP766392 10 10 X Woodpecker habitat X Woodpecker habitat X Tree harvest	No Yes LZ Parrot TP766392 10 X Woodpecker habitat X Tree harvest



DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE
		1	
E: UP010052	-	-	



SUBMITTED BY: D. J. Hashagen, Sr., DRCO, AV 484-2102

TYPE MANEUVER AREA: -----Infantry Electronic Warfare х х Artillery Amphibious Exercises Armor (LAVs, AAVs, Tanks) MAGTF FTX X Combined Arms Air-to-Ground Operations X Communications Exercises Other Logistics Exercises X Other

MANEUVER AREA NAME AND LOCATION: MC, MCB, Camp Lejeune, NC

INSTRUCTIONS:

-- One form for each maneuver area

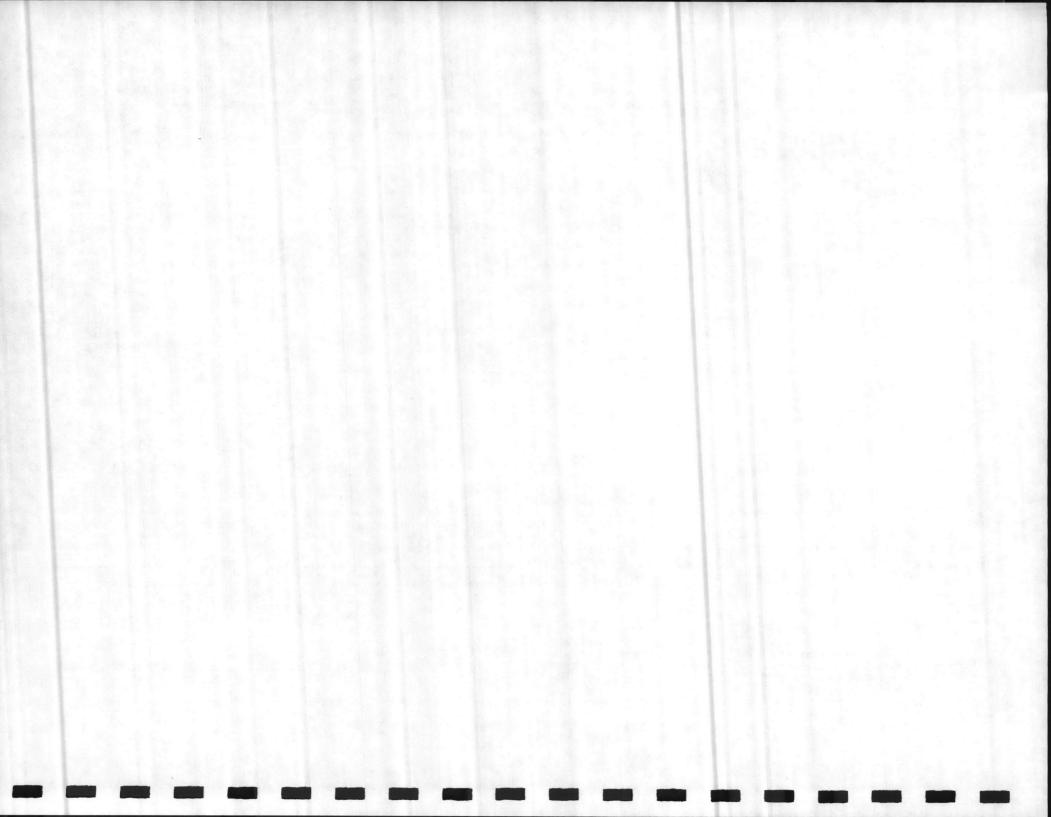
-- Fill in data elements as appropriate

-- Use right column for new or improved maneuver areas needed

DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Range Shape and Dimensions Dimensions (km) Primary Direction of Fire	6.3 sq km		
Coordinates	TP7737 to TP7841 to TP7938 to TP7942		
Associated Air Space Altitude (ft) Ingress and Egress Routes		 	
Access No. of Land Access Routes No. of Land Water Routes No. of Air Ingress Routes No. of Air Egress Routes No. of Beach Access Areas	2 1 1		

FILE NAME: UP010053 PAGE 1 OF 5 DATE: 03/05/87

MANEUVER AREA MANAGER: D. J. Hashagen, Sr.



LATAR MANEUVER	AREA	INVENTORY	DATA	FORM	(UTMAS-P-0001)	(CONTINUED)
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DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Climate Seasonal. Tropic. Temperate. Arctic. Desert. All-Weather (Indoor) Other.	X	NOT APPLICABLE	NOT APPLICABLE
Terrain Type Percentage Mountainous Percentage Rolling Percentage Swamp Percentage Desert Percentage Beach Percentage Level Percentage Water	50 10	NOT APPLICABLE	NOT APPLICABLE
Soil Type Percentage Rock Percentage Sand Percentage Clay Percentage Swamp/Marsh Percentage Loamy Percentage Other		NOT APPLICABLE	NOT APPLICABLE
Vegetation Percentage None Percentage Sparse Percentage Moderate Percentage Heavy	40 30		

FILE NAME: UP010053 PAGE 2 OF 5 DATE: 03/05/87

MANEUVER AREA MANAGER: D. J. Hashagen, Sr.



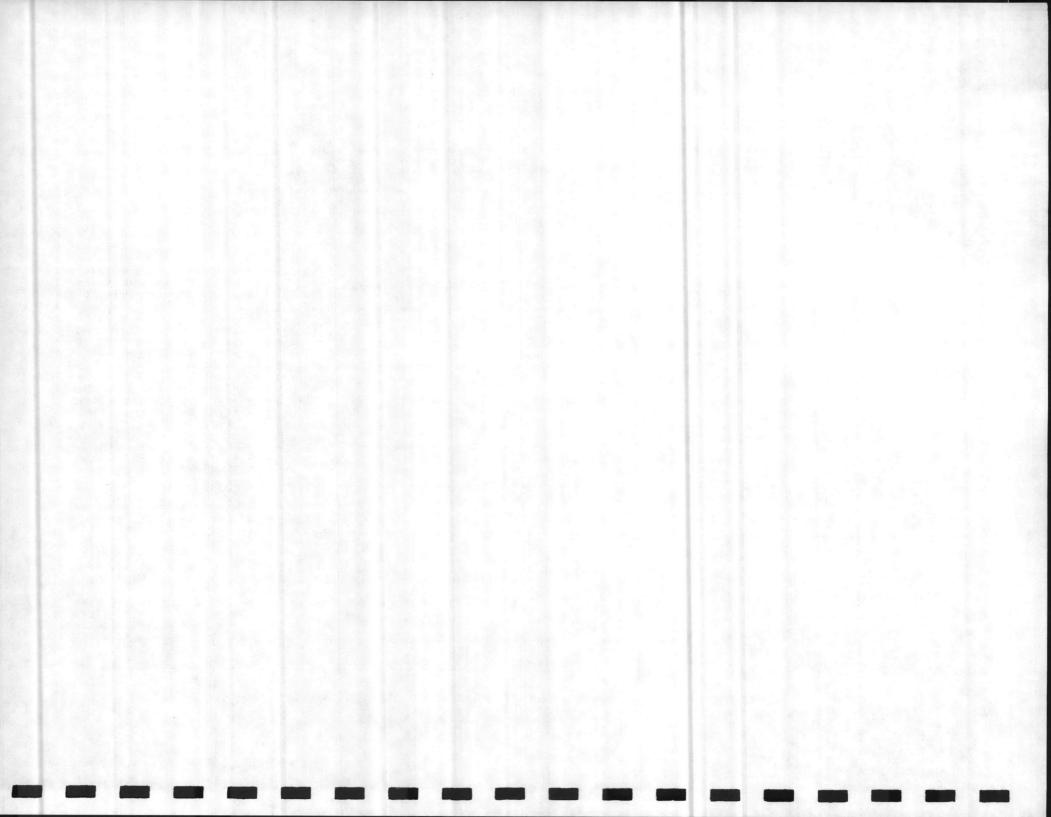
DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
List Capacity of an 8-Hour Training Day. Specify: Unit of Measure, e.g., No. of Bns/Sqdns No. of Aircraft/Helos No. of AAVs/LCACs as Appropriate	15		
Number of Days per Year the Maneuver Area is Available	335		
Non-availability per Year Total Maintenance Weather Budget Fire Condition/Weather Weekends/Holidays Other	30		
Is the Maneuver Area Capable of Nighttime Use? Yes, No	 Yes 		 ,
Other Maneuver Areas/Ranges Which Must Be Closed When This Maneuver Area is in Use	 Undefined 		

FILE NAME: UP010053 PAGE 3 OF 5 DATE: 03/05/87

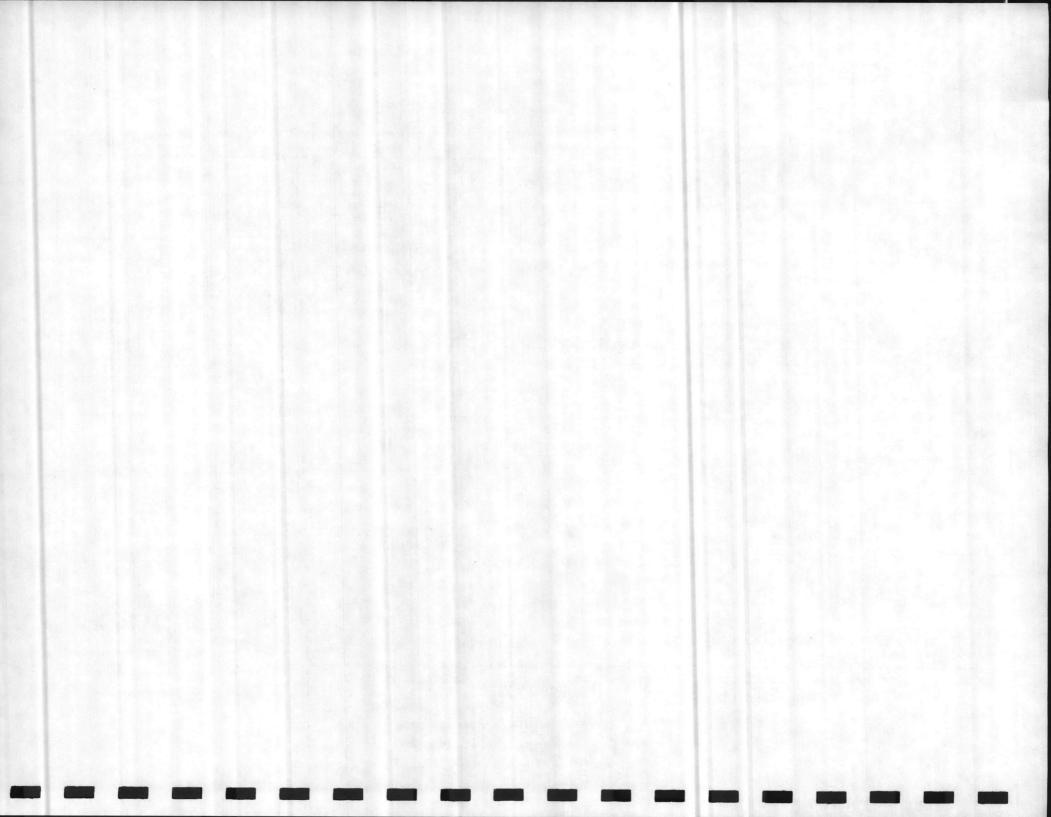
MANEUVER AREA MANAGER: D. J. Hashagen, Sr._

UTMAS-P-0001

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DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Are There Site-unique Features (Waivers to Man- euver Area Standards, Safety, etc.)? Yes, No, Explain	No	4	
ne succe same success	Yes LZ Eagle TP785410		
Distance from Supply Points POL (km) Ammunition (km) Rations (km)	35		
Restrictions on Maneuver Area Use Environmental AICUZ FAA Gas/Chemical Pyrotechnics/Flare Time of Day Other	x		

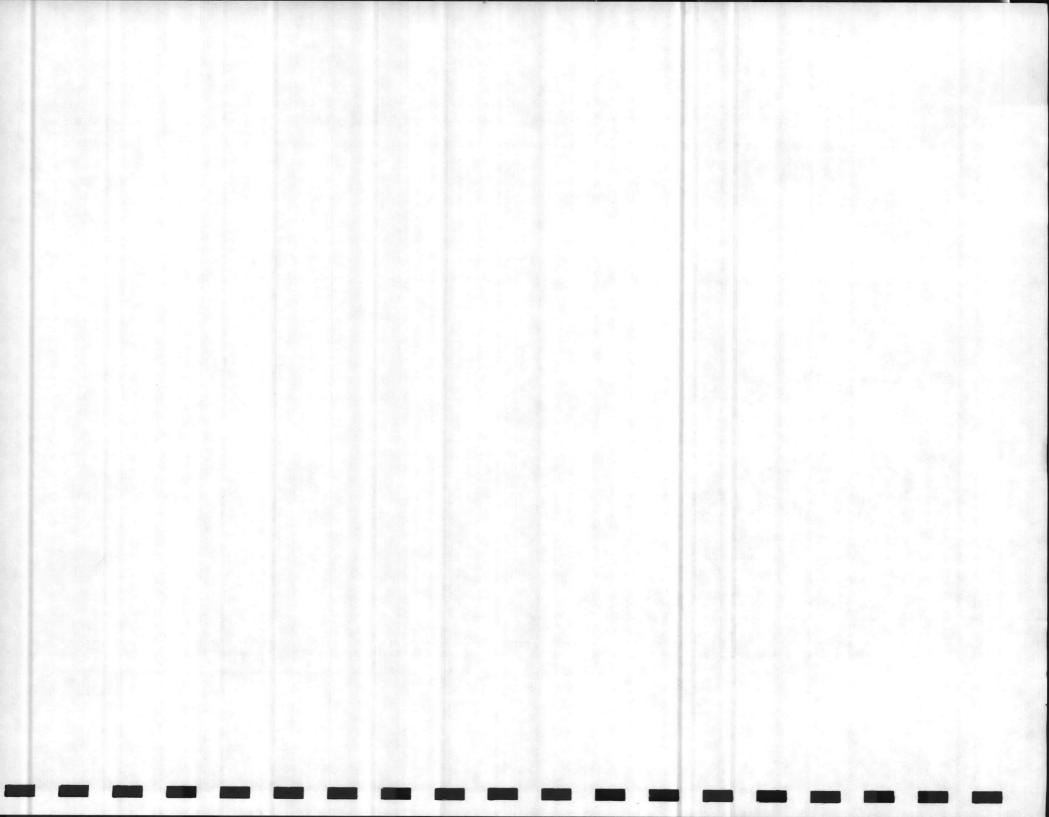


DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES	DESIRED CHARACTERISTICS
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	영상한 그 씨 방향값 같이지		
		•	
		and the second se	

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SUBMITTED BY: D. J. Hashagen, Sr., DRCO, AV 484-2102

----- TYPE MANEUVER AREA: ------Electronic Warfare Infantry X х Artillery Amphibious Exercises х Armor (LAVs, AAVs, Tanks) MAGTF FTX Air-to-Ground Operations Combined Arms Communications Exercises X Other х Logistics Exercises Other

MANEUVER AREA NAME AND LOCATION: MD, MCB, Camp Lejeune, NC

INSTRUCTIONS:

-- One form for each maneuver area

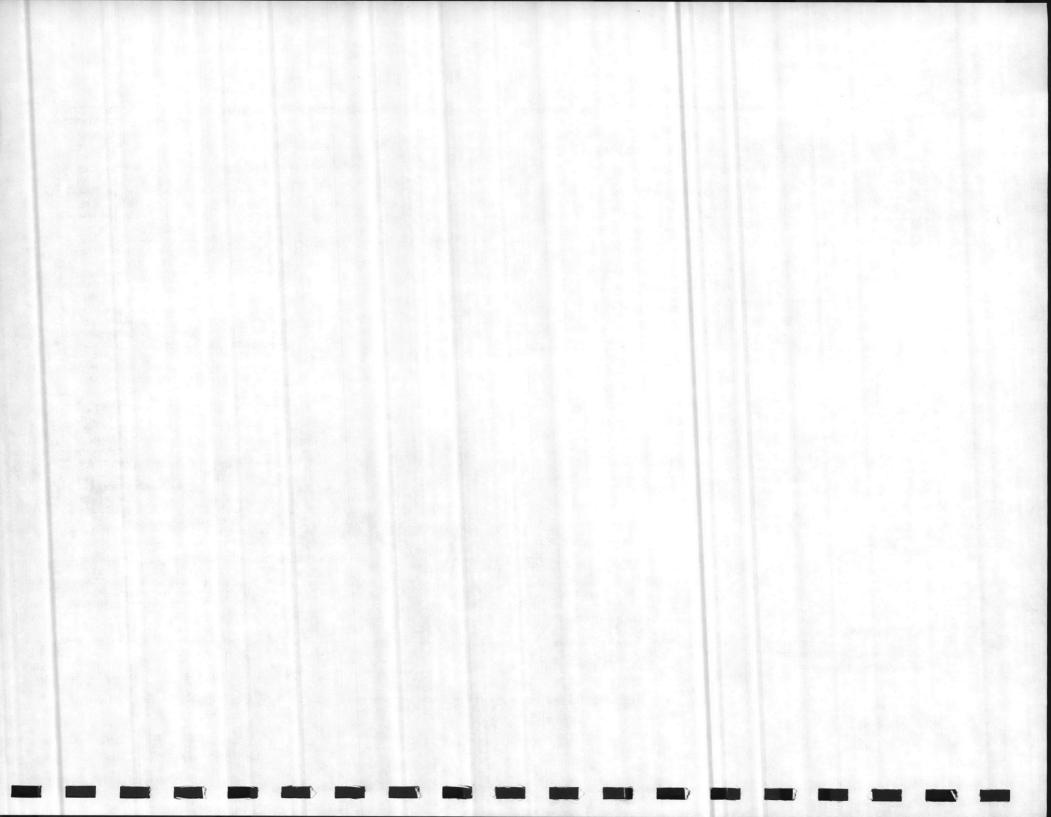
-- Fill in data elements as appropriate

-- Use right column for new or improved maneuver areas needed

DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Range Shape and Dimensions Dimensions (km)	5 sq km		
	TP7536 to TP3439 to TP7736 to TP7737		
비행에서 말했다. 그 가지 생각 한 것 같	/\ /\ North		
Associated Air Space Altitude (ft) Ingress and Egress Routes		· · · · · · · · · · · · · · · · · · ·	
Access No. of Land Access Routes No. of Land Water Routes No. of Air Ingress Routes No. of Air Egress Routes No. of Beach Access Areas			

FILE NAME: UP010054 PAGE 1 OF 5 DATE: 03/05/87

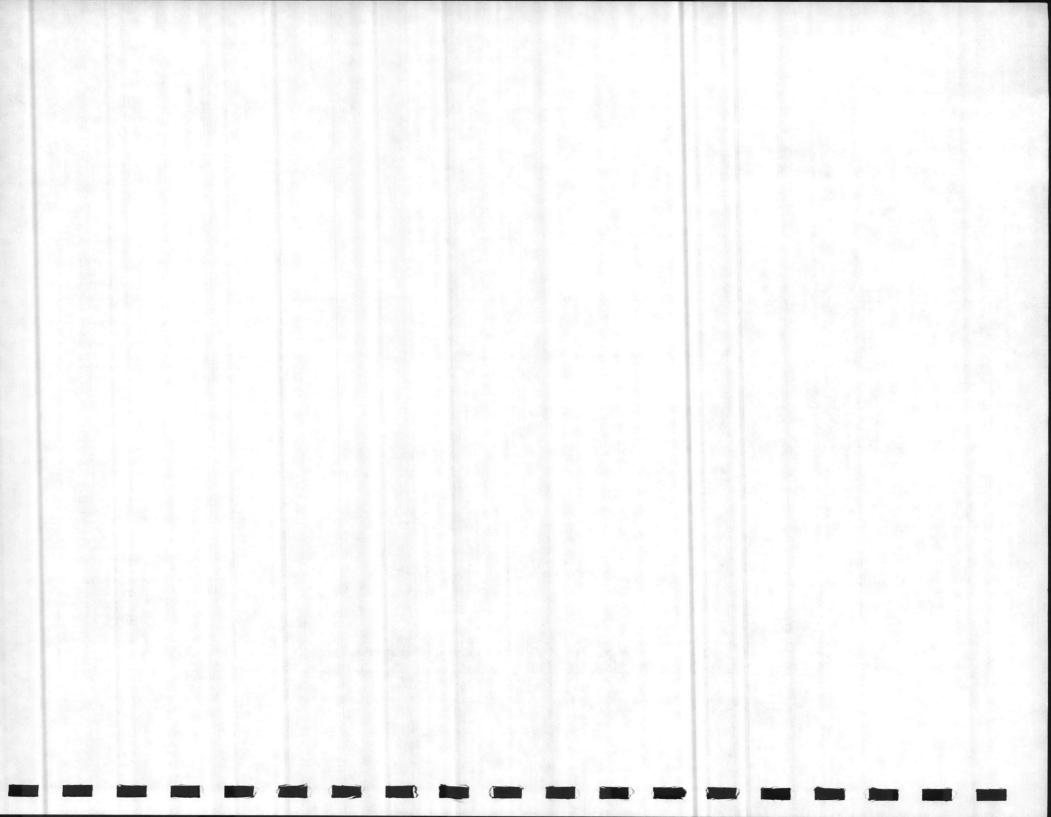
MANEUVER AREA MANAGER: D. J. Hashagen, Sr._



	DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Tro Ten Arc Des All	ate asonal opic aperate ctic sert L-Weather (Indoor) her	x	NOT APPLICABLE	NOT APPLICABLE
Per Per Per Per Per	ain Type ccentage Mountainous ccentage Rolling ccentage Swamp ccentage Desert ccentage Beach ccentage Level ccentage Water.	60	NOT APPLICABLE	NOT APPLICABLE
Per Per Per Per Per	Type ccentage Rock ccentage Sand ccentage Clay ccentage Swamp/Marsh ccentage Loamy ccentage Other	100	NOT APPLICABLE	NOT APPLICABLE
Per Per Per	tation ccentage None ccentage Sparse ccentage Moderate ccentage Heavy	140 130		

FILE NAME: UP010054 PAGE 2 OF 5 DATE: 03/05/3

DATE: 03/05/87 MANEUVER AREA MANAGER: D. J. Hashagen, Sr._



LATAR MANEUVER AREA INVENTORY DATA FORM	(UTMAS-P-0001)	(CONTINUED)
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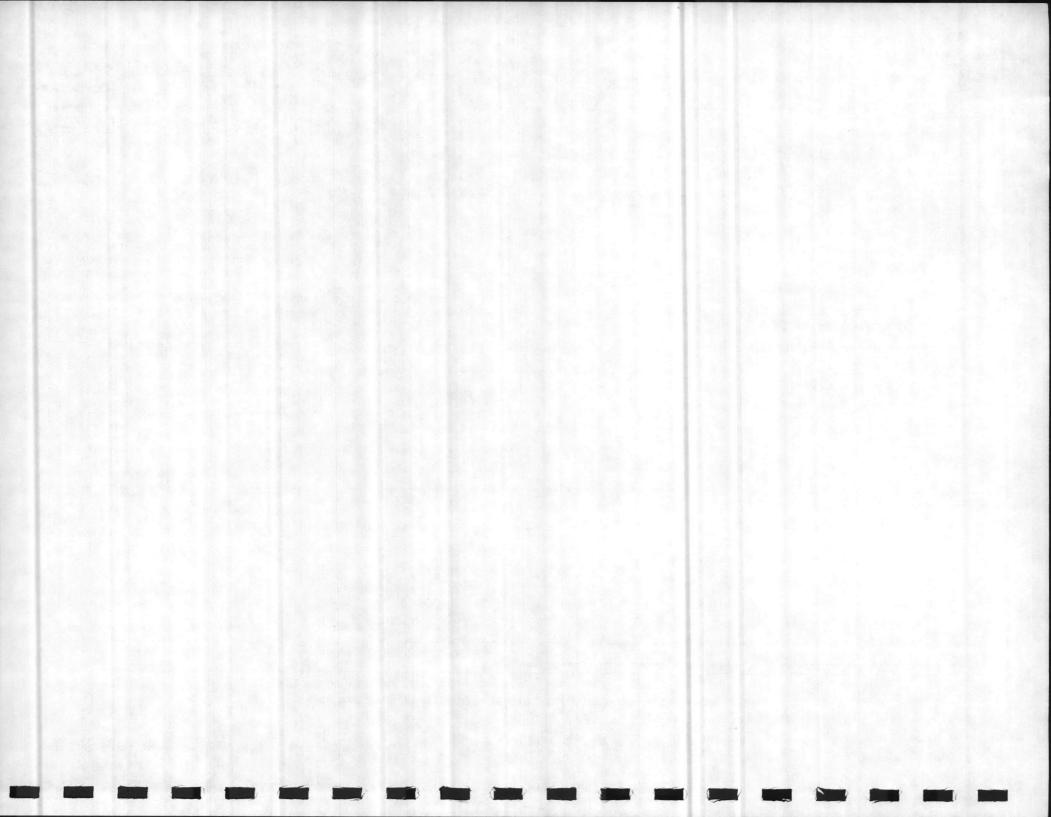
DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
List Capacity of an 8-Hour Training Day. Specify: Unit of Measure, e.g., No. of Bns/Sqdns No. of Aircraft/Helos No. of AAVs/LCACs as Appropriate			
Number of Days per Year the Maneuver Area is Available	335		
Non-availability per Year Total Maintenance Weather Budget Fire Condition/Weather Weekends/Holidays Other	30		
Is the Maneuver Area Capable of Nighttime Use? Yes, No	 Yes 	·	
Other Maneuver Areas/Ranges Which Must Be Closed When This Maneuver Area is in Use	Undefined		

FILE NAME: UP010054 PAGE 3 OF 5 DATE: 03/05/87

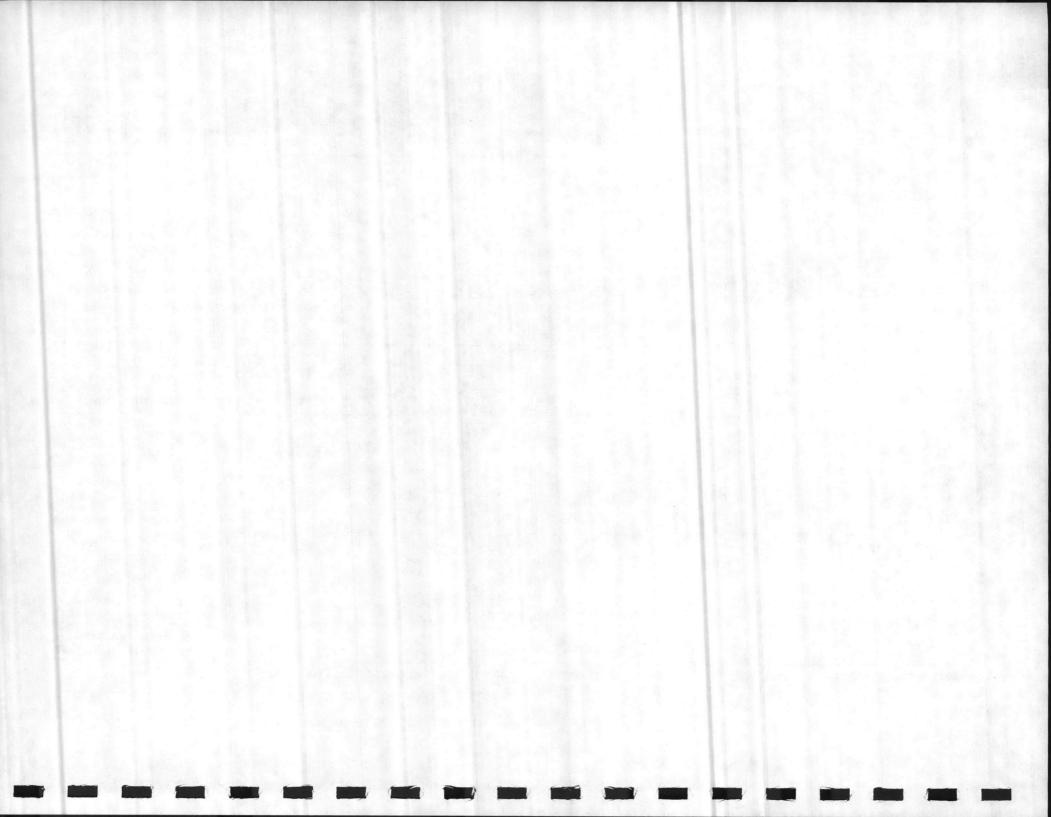
MANEUVER AREA MANAGER: D. J. Hashagen, Sr._

UTMAS-P-0001

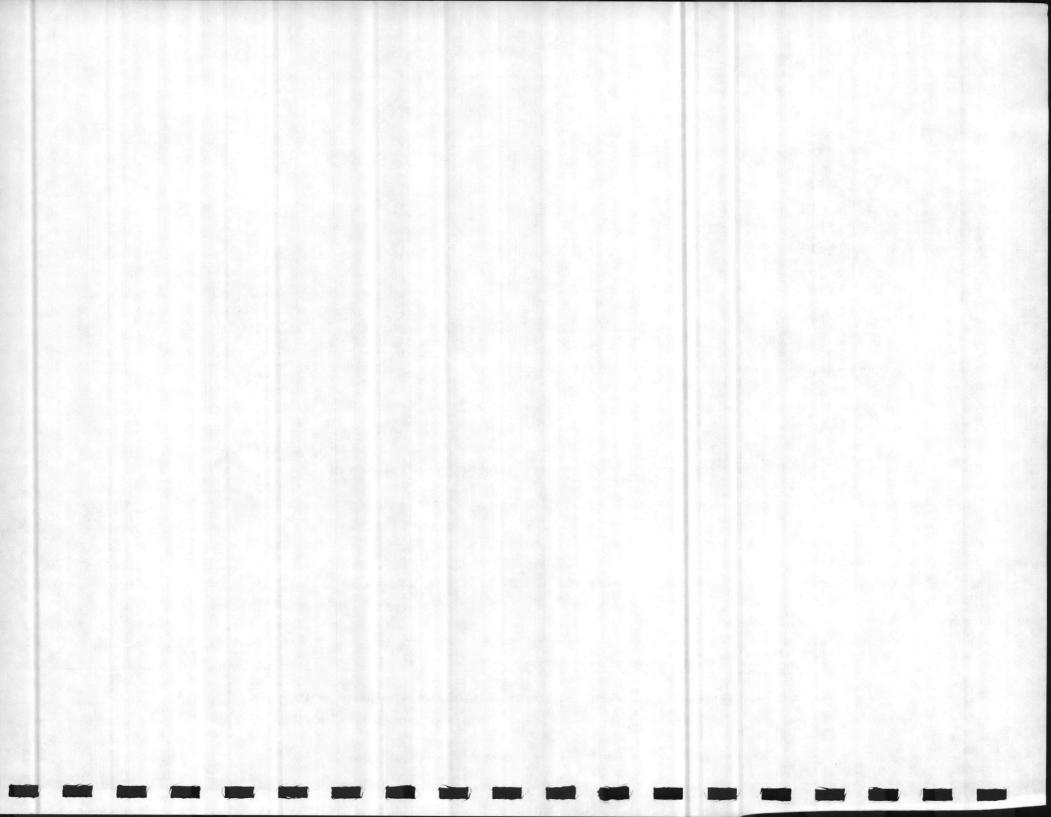
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PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS
No	8	
No		
35		
	No No No 10 35 10 X Woodpecker habitat X X X Tree harvest	PRESENT CHARACTERISTICS (INCLUDE YEAR)



DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE
1E: UP010054 DF 5 DATE: 03/05/8	7 MANEUVER AREA MANAGER: D. J		UTMAS-P-00



Logistics Exercises

Other

 SUBMITTED BY: D. J. Hashagen, Sr., DRCO, AV 484-2102
 X
 Infantry
 X
 Electronic Warfare

 MANEUVER AREA NAME AND LOCATION: MF, MCB, Camp Lejeune, NC
 X
 Infantry
 X
 Electronic Warfare

 X
 Armor (LAVs, AAVs, Tanks)
 MAGTF FTX

 Combined Arms
 Air-to-Ground Operations

 X
 Communications Exercises
 Other

X

INSTRUCTIONS:

-- One form for each maneuver area

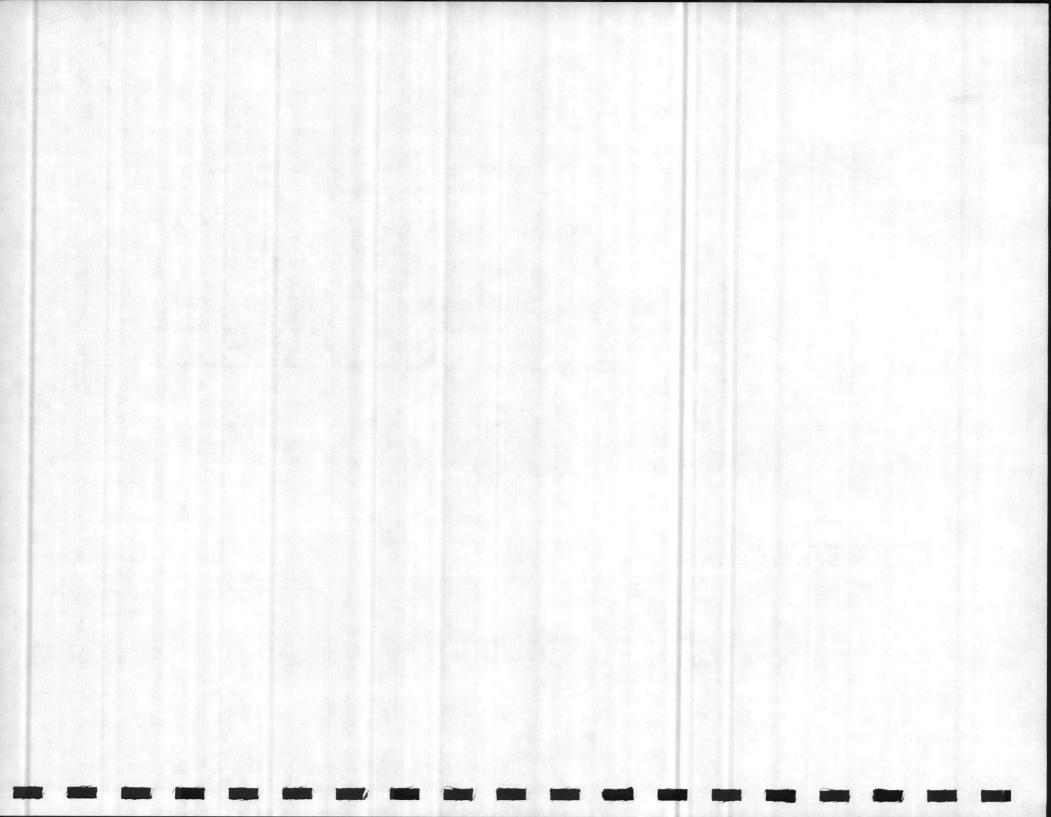
-- Fill in data elements as appropriate

--- Use right column for new or improved maneuver areas needed

DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Range Shape and Dimensions Dimensions (km)	5 sq km		
	TP7435 to TP7735 to TP7536 to TP7738		
Associated Air Space Altitude (ft) Ingress and Egress Routes	R-5306E 17,999 N to E	 	•
Access No. of Land Access Routes No. of Land Water Routes No. of Air Ingress Routes No. of Air Egress Routes No. of Beach Access Areas	1 2 2 2		

FILE NAME: UP010055 PAGE 1 OF 5 DATE: 03/05/87

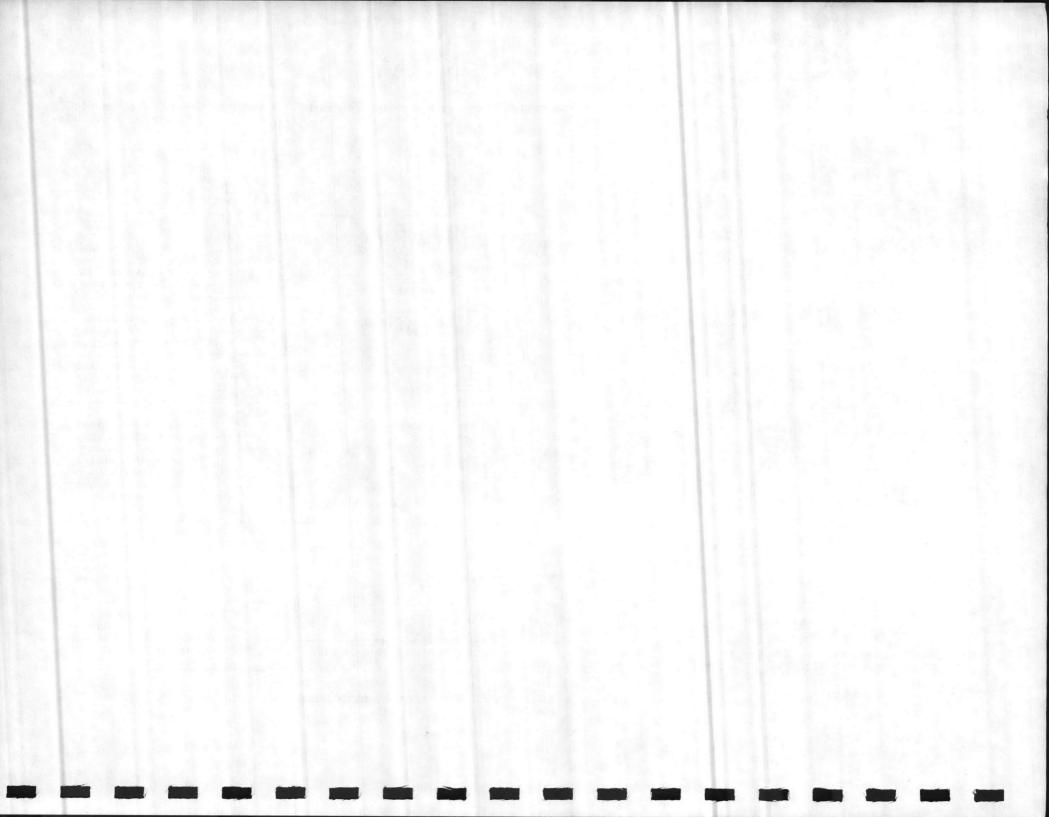
MANEUVER AREA MANAGER: D. J. Hashagen, Sr.



DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Climate Seasonal Tropic Temperate Arctic Desert All-Weather (Indoor) Other	X	NOT APPLICABLE	NOT APPLICABLE
Terrain Type Percentage Mountainous Percentage Rolling Percentage Swamp Percentage Desert Percentage Beach Percentage Level Percentage Water		NOT APPLICABLE	NOT APPLICABLE
Soil Type Percentage Rock Percentage Sand Percentage Clay Percentage Swamp/Marsh Percentage Loamy Percentage Other	100	NOT APPLICABLE	NOT APPLICABLE
Vegetation Percentage None Percentage Sparse Percentage Moderate Percentage Heavy			

FILE NAME: UP010055 PAGE 2 OF 5 DATE: 03/05/87

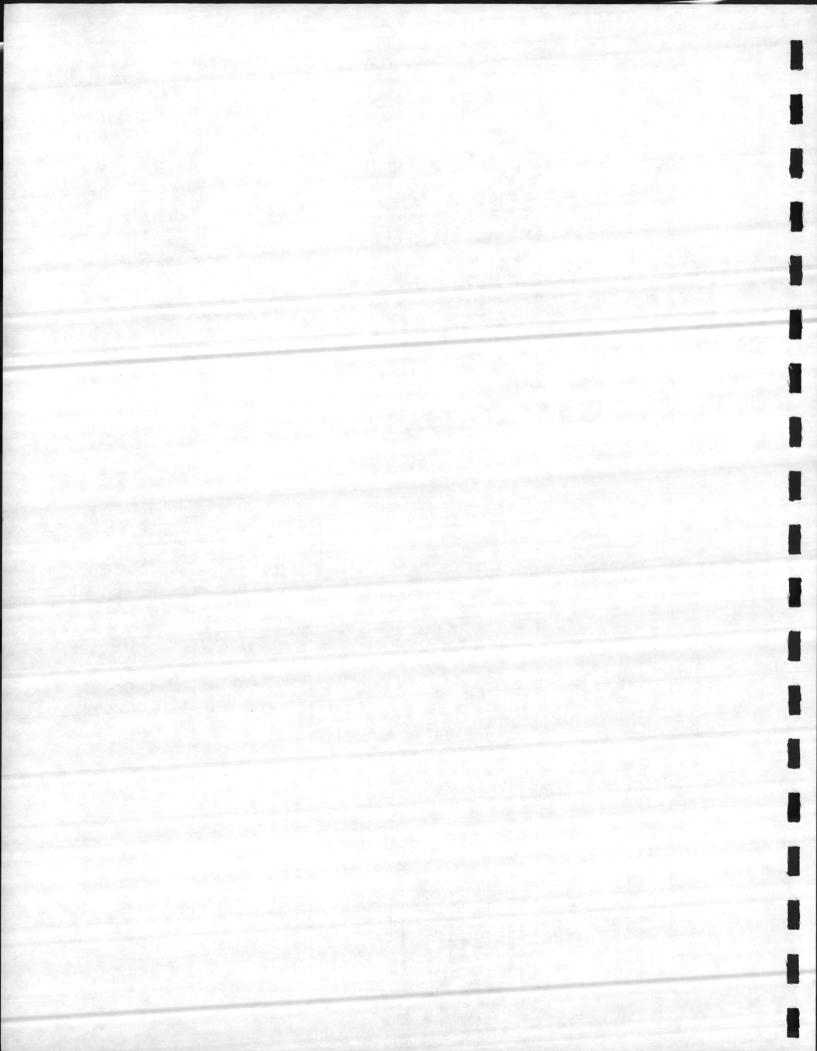
MANEUVER AREA MANAGER: D. J. Hashagen, Sr._



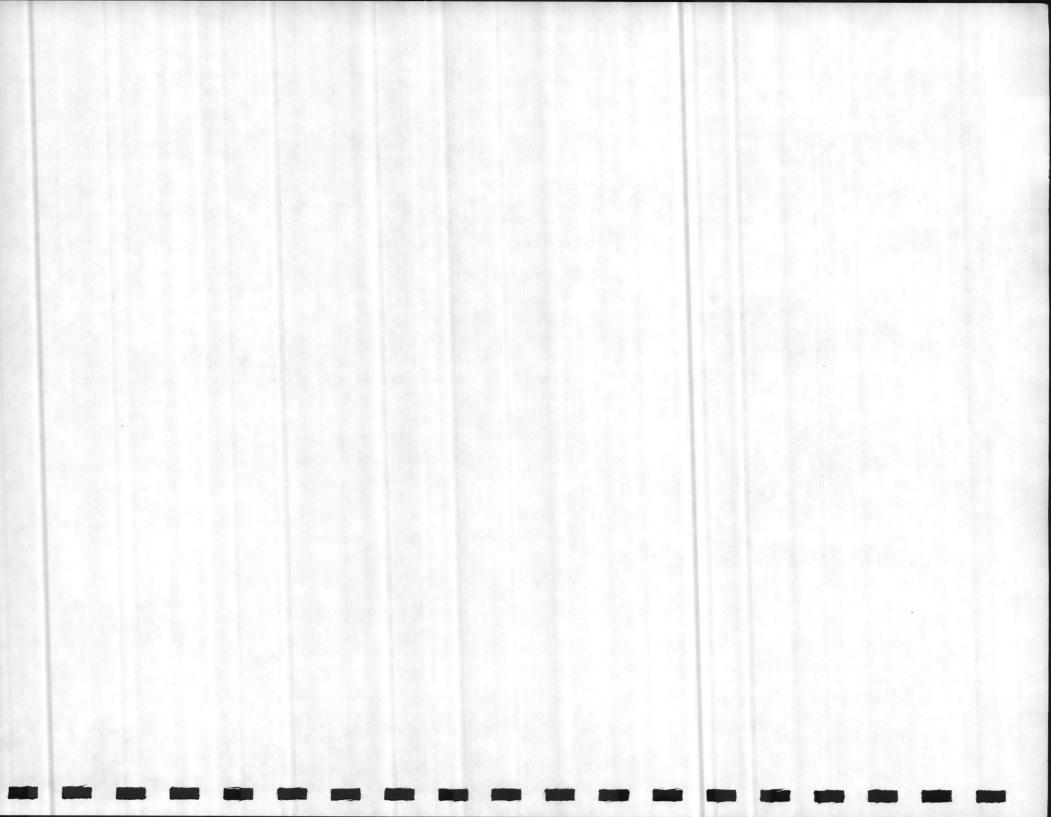
DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
List Capacity of an 8-Hour Training Day. Specify: Unit of Measure, e.g., No. of Bns/Sqdns No. of Aircraft/Helos No. of AAVs/LCACs as Appropriate	2		
Number of Days per Year the Maneuver Area is Available	335		
Non-availability per Year Total Maintenance Weather Budget Fire Condition/Weather Weekends/Holidays Other	30	0	
Is the Maneuver Area Capable of Nighttime Use? Yes, No	Yes		 ,
Other Maneuver Areas/Ranges Which Must Be Closed When This Maneuver Area is in Use	Undefined		

FILE NAME: UP010055 PAGE 3 OF 5 DATE: 03/05/87

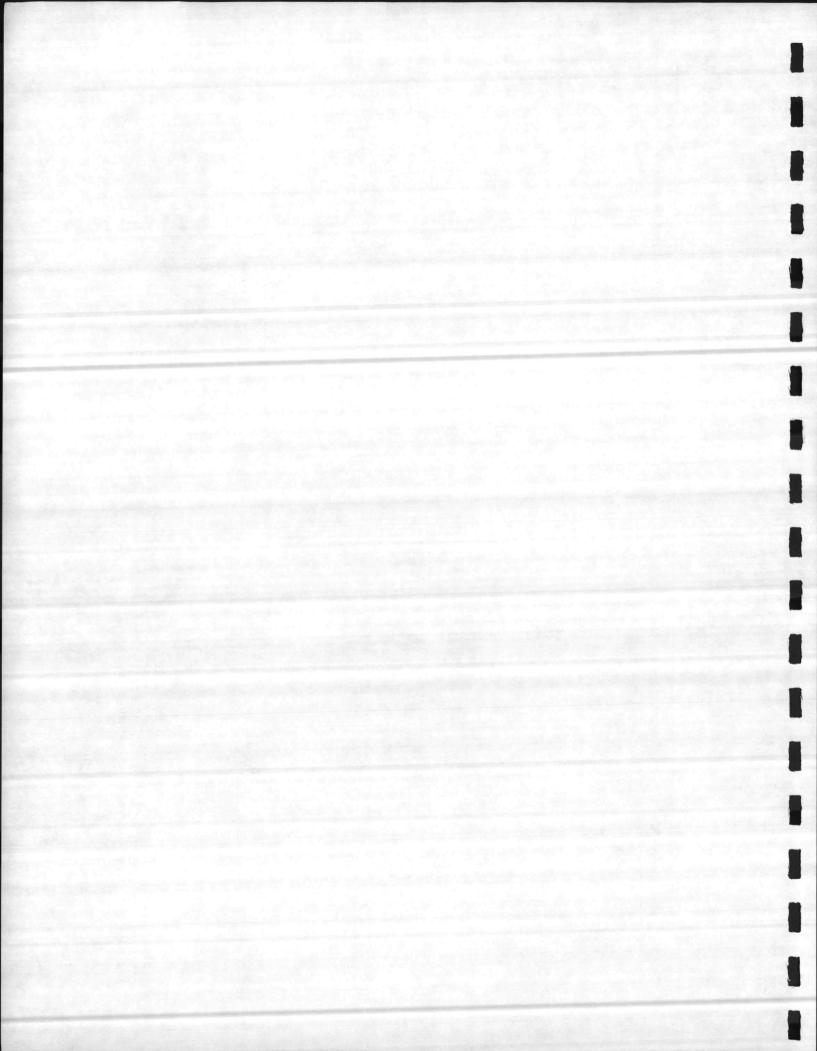
MANEUVER AREA MANAGER: D. J. Hashagen, Sr.



DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS
re There Site-unique Features (Waivers to Man- euver Area Standards, Safety, etc.)? Yes, No, Explain	No		
re There Site-unique Re-	 Yes		
quirements Placed on Using Units? Yes, No, Explain	LZ Condor TP758352		
istance from Supply Points			
POL (km) Ammunition (km) Rations (km)	30 12		
estrictions on Maneuver Area Use Environmental AICUZ FAA Noise Gas/Chemical			
Pyrotechnics/Flare Time of Day Time of Year Other			



DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE
NAME: UP010055			i



SUBMITTED BY: D. J. Hashagen, Sr., DRCO, AV 484-2102

	TYPE MANEUVE	R AREA:
X	Infantry X	Electronic Warfare
X	Artillery	Amphibious Exercises
x	Armor (LAVs, AAVs, Tanks)	MAGTF FTX
	Combined Arms	Air-to-Ground Operations
X	Communications Exercises	Other
X	Logistics Exercises	Other

MANEUVER AREA NAME AND LOCATION: QA, MCB, Camp Lejeune, NC

INSTRUCTIONS:

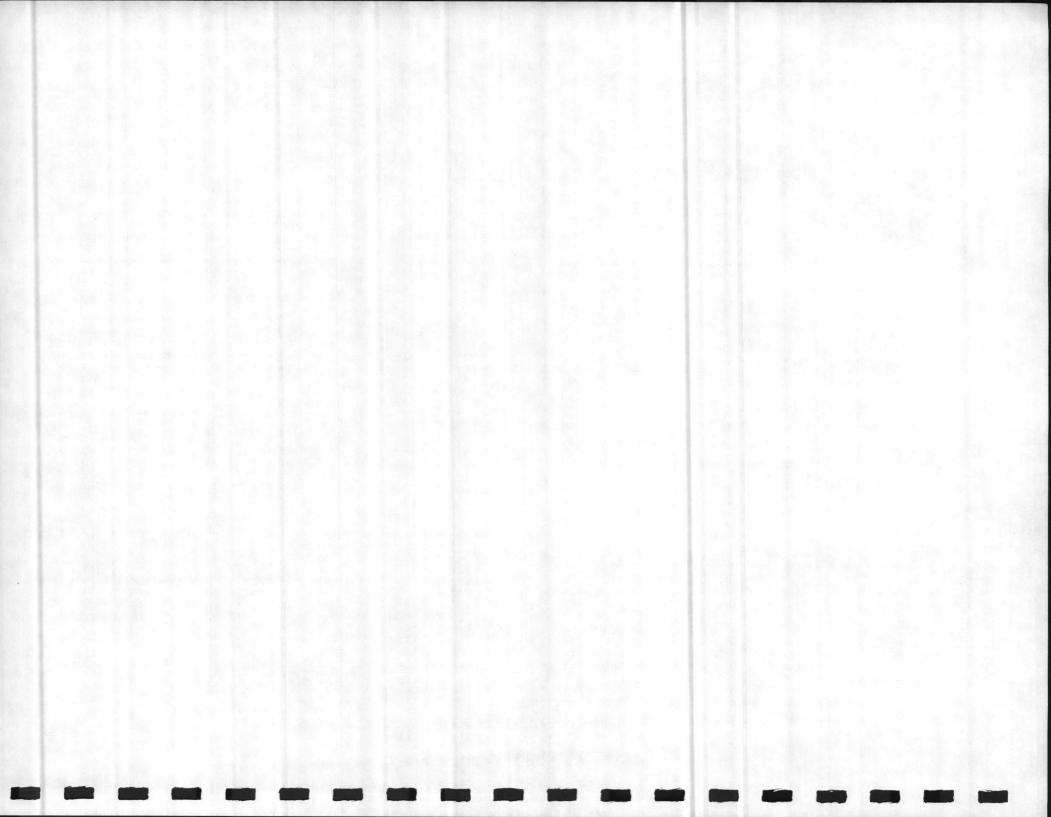
-- One form for each maneuver area -- Fill in data elements as appropriate

-- Use right column for new or improved maneuver areas needed

DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Range Shape and Dimensions Dimensions (km) Primary Direction of Fire	5.2 sq km		
	TP9437 to TP9343 to TP9537 to TP9542		
Associated Air Space Altitude (ft) Ingress and Egress Routes	R-5306D 17,999 W to S	•••••••••••••••••••••••••••••••••••••••	
Access No. of Land Access Routes No. of Land Water Routes No. of Air Ingress Routes No. of Air Egress Routes	1 1 1		
No. of Beach Access Areas	·····	·····	

FILE NAME: UP010056 PAGE 1 OF 5 DATE: 03/05/87

MANEUVER AREA MANAGER: D. J. Hashagen, Sr.

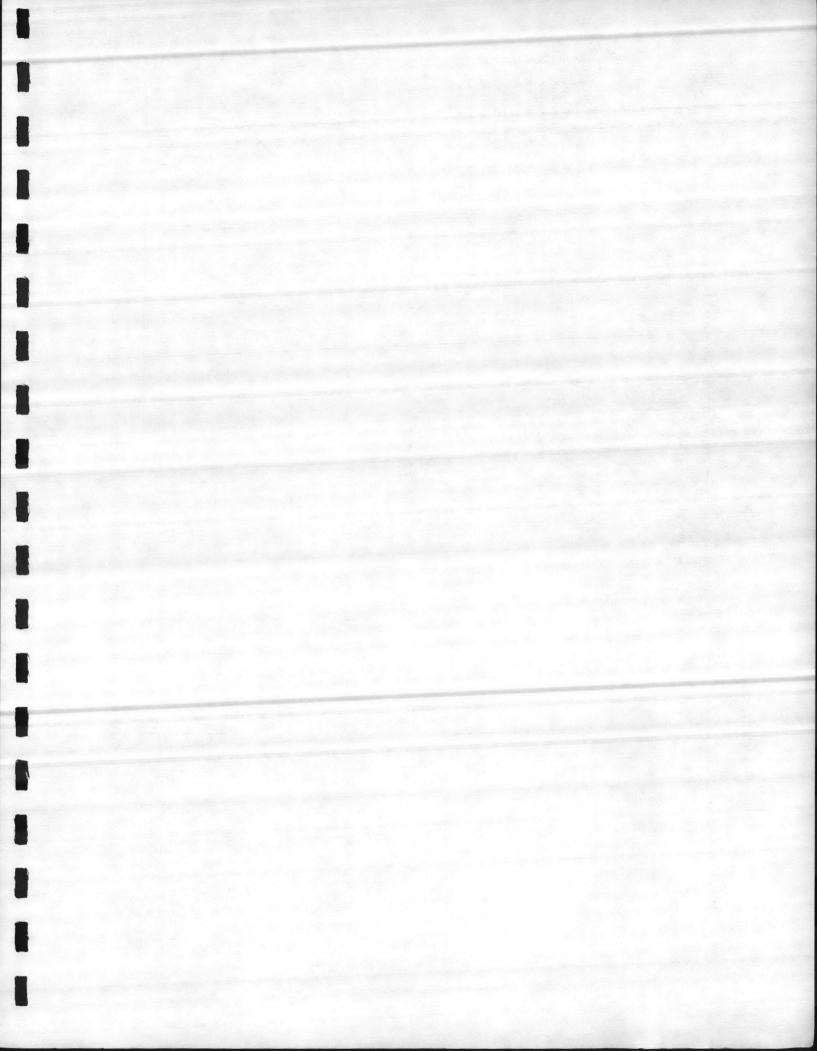


	LATAR	MANEUVER	AREA	INVENTORY	DATA	FORM	(UTMAS-P-0001)	(CONTINUED)
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DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Climate Seasonal Tropic Temperate Arctic Desert All-Weather (Indoor) Other		NOT APPLICABLE	NOT APPLICABLE
Terrain Type Percentage Mountainous Percentage Rolling Percentage Swamp Percentage Desert Percentage Beach Percentage Level Percentage Water	15 5 80	NOT APPLICABLE	NOT APPLICABLE
Soil Type Percentage Rock Percentage Sand Percentage Clay Percentage Swamp/Marsh Percentage Loamy Percentage Other	90 10	NOT APPLICABLE	NOT APPLICABLE
Vegetation Percentage None Percentage Sparse Percentage Moderate Percentage Heavy	130 155		

FILE NAME: UP010056 PAGE 2 OF 5 DATE: 03/05/87

MANEUVER AREA MANAGER: D. J. Hashagen, Sr.



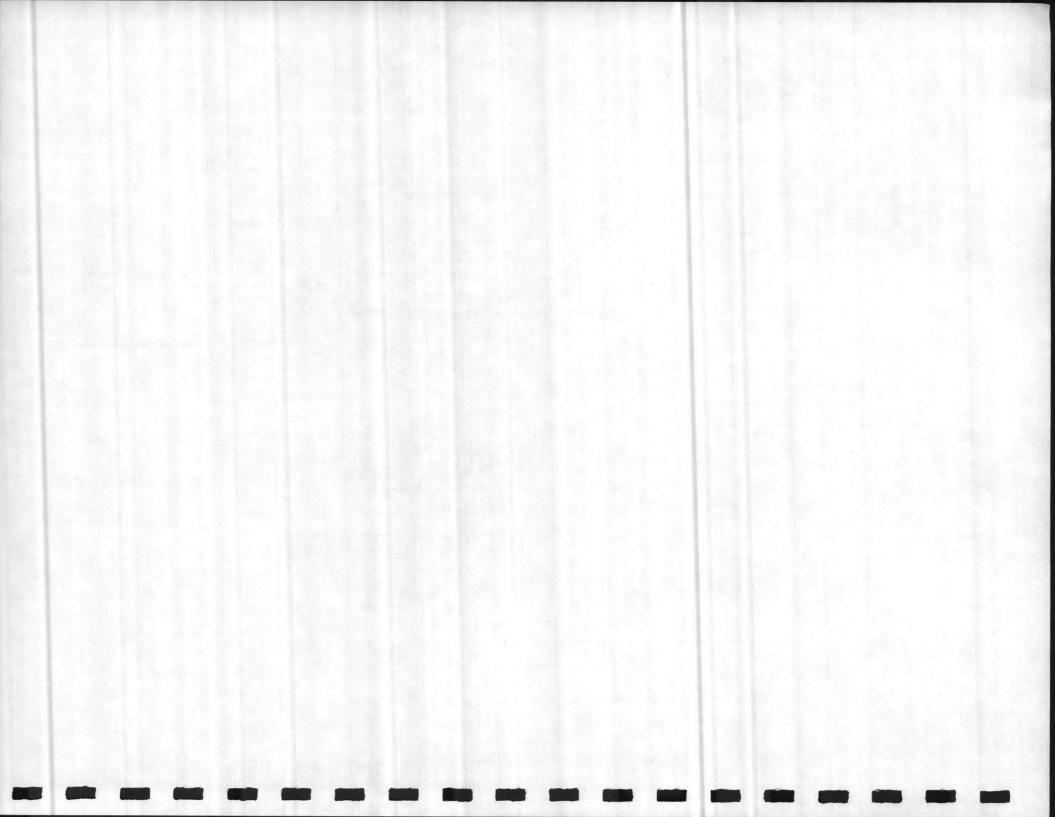
DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
List Capacity of an 8-Hour Training Day. Specify: Unit of Measure, e.g., No. of Bns/Sqdns No. of Aircraft/Helos No. of AAVs/LCACs as Appropriate	15		
Number of Days per Year the Maneuver Area is Available	335		
Non-availability per Year Total Maintenance Weather Budget Fire Condition/Weather Weekends/Holidays Other	30	o	
Is the Maneuver Area Capable of Nighttime Use? Yes, No	 Yes		
Other Maneuver Areas/Ranges Which Must Be Closed When This Maneuver Area is in Use	Undefined		

FILE NAME: UP010056 PAGE 3 OF 5 DATE: 03/05/87

MANEUVER AREA MANAGER: D. J. Hashagen, Sr._

UTMAS-P-0001

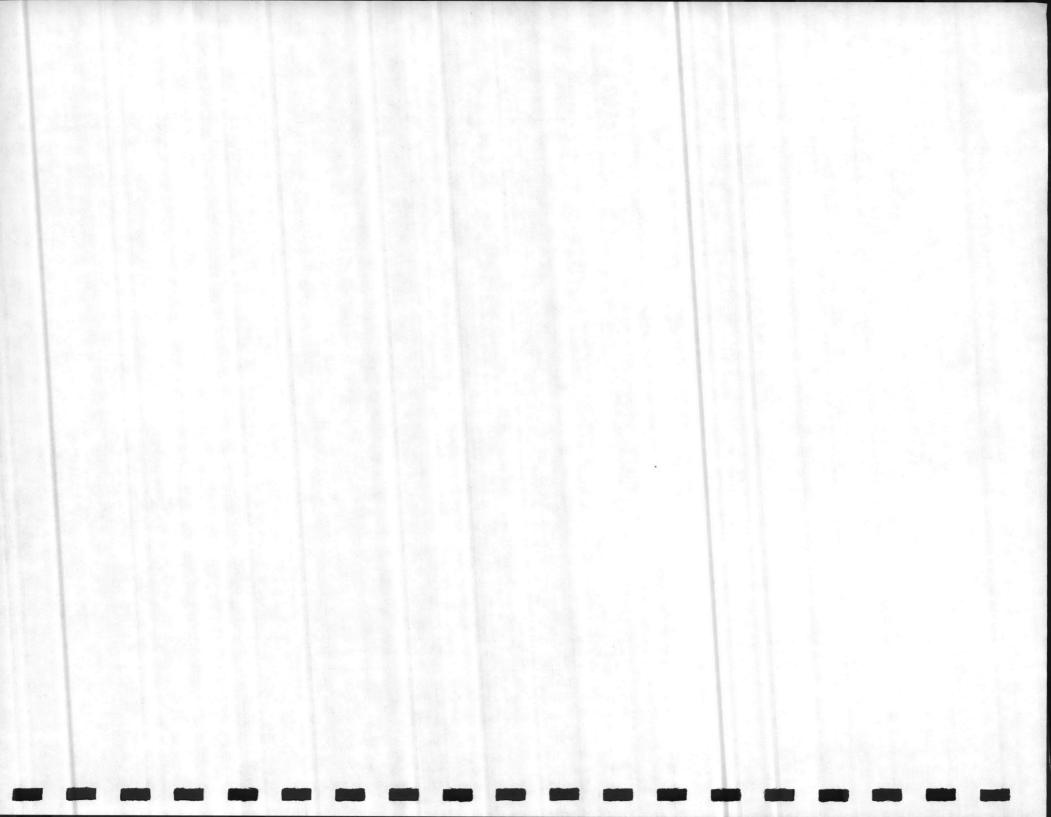
1.25%



PRESENT CHARACTERISTICS		DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE
NO	8	
10 12	 	
x		
	No Yes LZ Lark TP948386 LZ Robin TP951428 10 10 12 10 X Woodpecker habitat X Woodpecker habitat	No Yes LZ Lark TP948386 LZ Robin TP951428 10 10 X Woodpecker habitat X X Tree harvest



DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE
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: UP010056	1		-
5 DATE: 03/05/	87 MANEUVER AREA MANAGER: D. J	. Hashagen, Sr	UTMAS-P-



LATAR MANEUVER AREA INVENTORY DATA FORM (UTMAS-P-0001)

----- TYPE MANEUVER AREA: ------SUBMITTED BY: D. J. Hashagen, Sr., DRCO, AV 484-2102 Infantry Electronic Warfare X Amphibious Exercises Artillery Armor (LAVs, AAVs, Tanks) MAGTE FTX MANEUVER AREA NAME AND LOCATION: BC, MCB, Camp Lejeune, NC Combined Arms Air-to-Ground Operations **Communications Exercises** Other Logistics Exercises Other INSTRUCTIONS: -- One form for each maneuver area

-- Fill in data elements as appropriate

-- Use right column for new or improved maneuver areas needed

DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Range Shape and Dimensions Dimensions (km)	2.8 sq km		
Primary Direction of Fire			
	TP730442 to TP740452 to TP752441 to TP746426 to TP730424		
Associated Air Space Altitude (ft) Ingress and Egress Routes	17,999 N to S		
Access No. of Land Access Routes No. of Land Water Routes			
No. of Air Ingress Routes No. of Air Egress Routes			
No. of Beach Access Areas			

FILE NAME: UP010057 PAGE 1 OF 5 DATE: 03/05/87

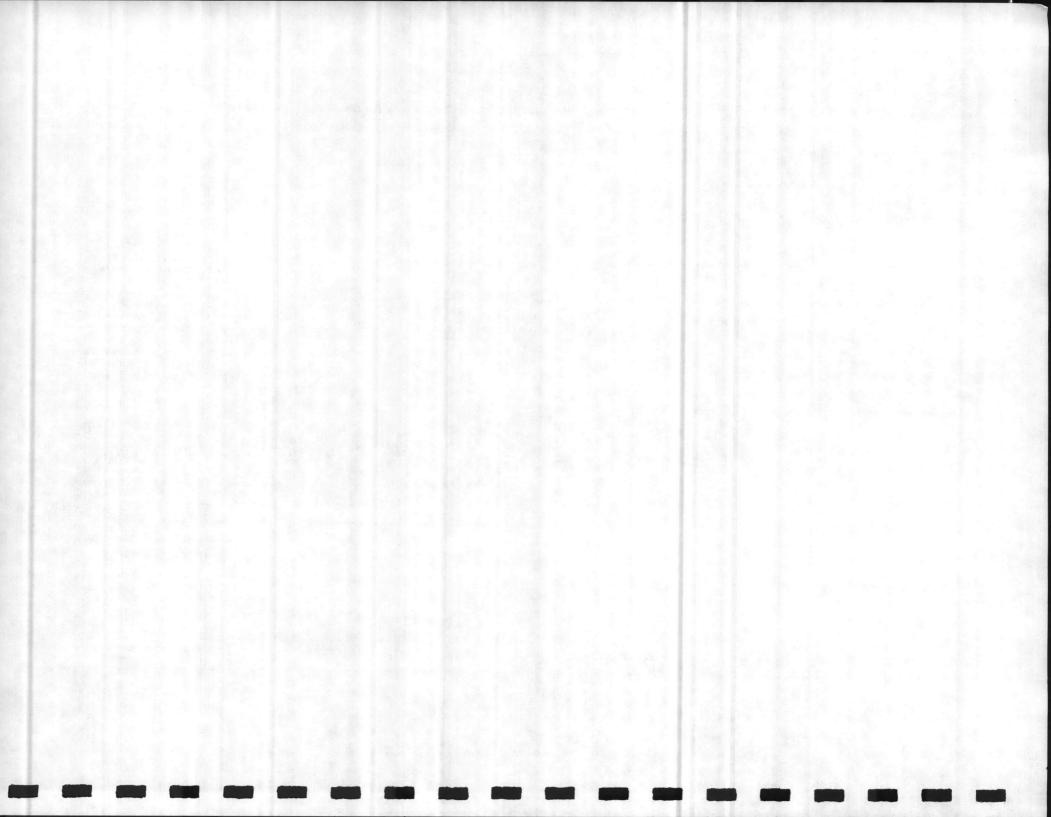
MANEUVER AREA MANAGER: D. J. Hashagen, Sr.



DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Climate SeasonalX Tropic Temperate Arctic Desert All-Weather (Indoor) Other		NOT APPLICABLE	NOT APPLICABLE
Terrain Type Percentage Mountainous Percentage Rolling Percentage Swamp Percentage Desert Percentage Beach Percentage Level		NOT APPLICABLE	NOT APPLICABLE
Soil Type Percentage Rock Percentage Sand Percentage Clay Percentage Swamp/Marsh Percentage Loamy Percentage Other		NOT APPLICABLE	NOT APPLICABLE
Vegetation Percentage None Percentage Sparse Percentage Moderate Percentage Heavy	40		

FILE NAME: UP010057 PAGE 2 OF 5 DATE: 03/05/87

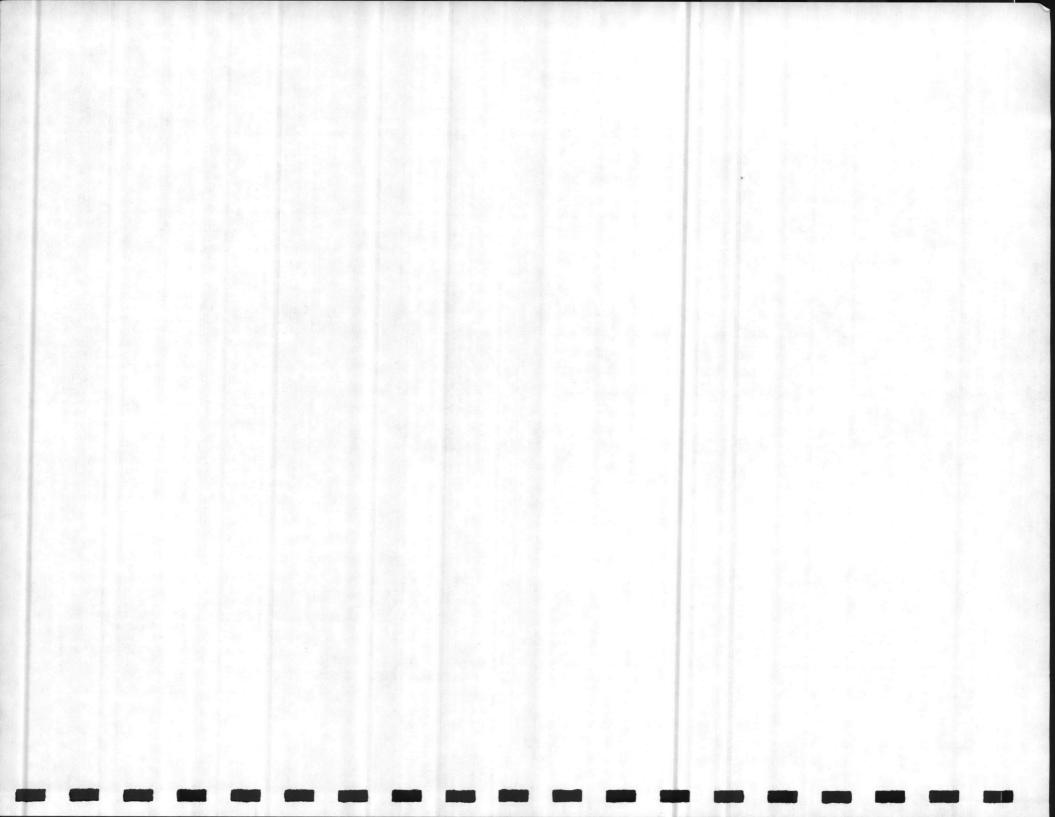
MANEUVER AREA MANAGER: D. J. Hashagen, Sr._



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(es 3-12, B-14	``````````````````````````````````````	
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FILE NAME: UP010057 PAGE 3 OF 5 DATE: 03/05/87

MANEUVER AREA MANAGER: D. J. Hashagen, Sr._

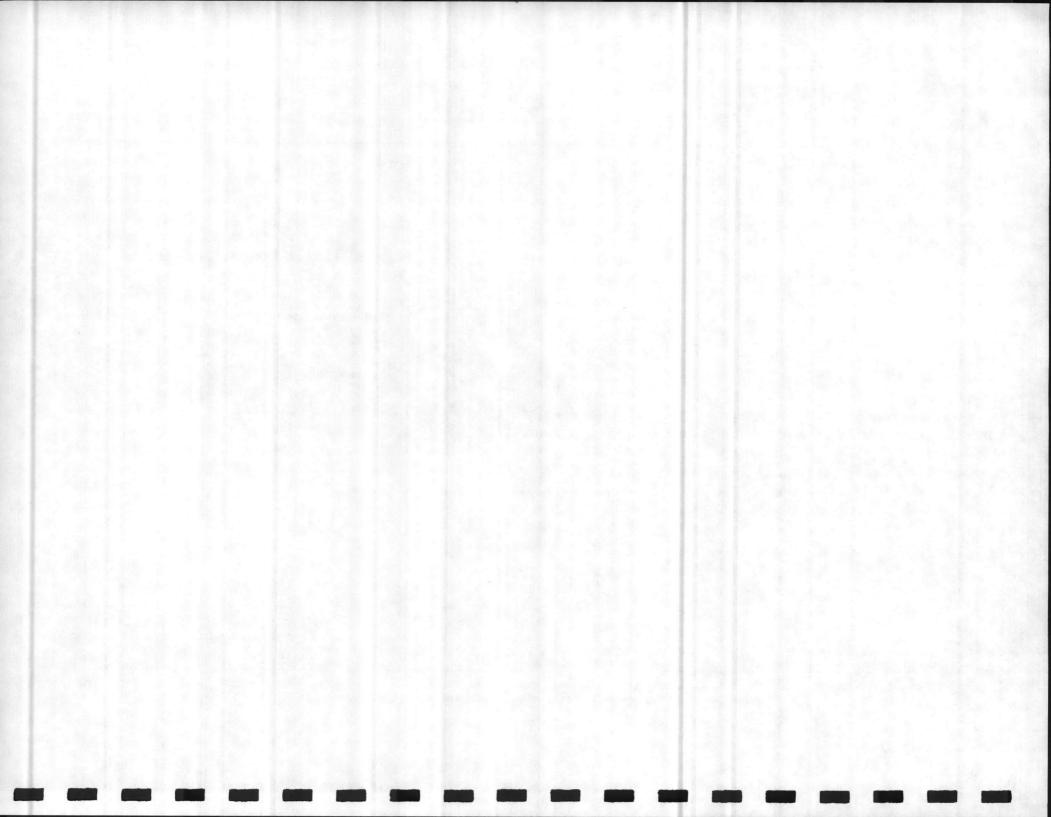


DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Are There Site-unique Features (Waivers to Man- euver Area Standards, Safety, etc.)? Yes, No, Explain	No		
quirements Placed on Using	Yes B-12 TP743449 B-14 TP734425		
Distance from Supply Points POL (km) Ammunition (km) Rations (km)	130		
Restrictions on Maneuver Area Use Environmental	x		
ILE NAME: UP010057 AGE 4 OF 5 DATE: 03/05/87	MANEUVER AREA MANAGER: D. J.	Sr	

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IT CHARACTERISTICS	(INCLUDE YEAR)	(SPECIFY YEAR)	CHARACTERISTICS NEEDED IF APPLICABLE
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LATAR MANEUVER AREA INVENTORY DATA FORM (UTMAS-P-0001)

SUBMITTED BY: D. J. Hashagen, Sr., DRCO, AV 484-2102

	TYPE MANE	UVER AREA:
x	Infantry X Artillery	Electronic Warfare
x	Armor (LAVs, AAVs, Tanks)	MAGTE FTX Air-to-Ground Operations
x	Combined Arms Communications Exercises	Other
X	Logistics Exercises	Other

1999년 - 2011년 - 1997년 - 2013년 1997년 - 111년 199

INSTRUCTIONS:

-- One form for each maneuver area

-- Fill in data elements as appropriate

-- Use right column for new or improved maneuver areas needed

MANEUVER AREA NAME AND LOCATION: BD, MCB, Camp Lejeune, NC

DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Range Shape and Dimensions Dimensions (km) Primary Direction of Fire	1.3 sq km		
Coordinates	TP7341 to TP7342 to TP7342 to TP7442		
	/\ /\ North		
Associated Air Space Altitude (ft) Ingress and Egress Routes		·	
Access No. of Land Access Routes No. of Land Water Routes No. of Air Ingress Routes No. of Air Egress Routes No. of Beach Access Areas			

FILE NAME: UP010058 PAGE 1 OF 5 DATE: 03/05/87

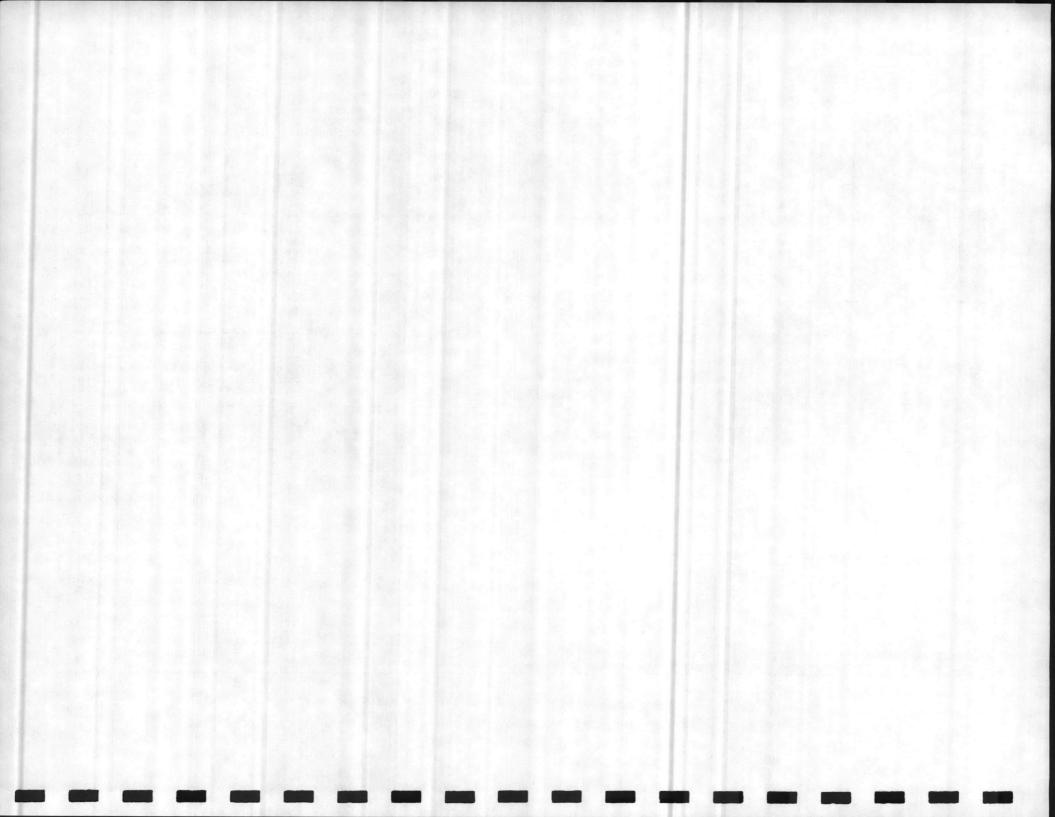
MANEUVER AREA MANAGER: D. J. Hashagen, Sr.



DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)	
Climate SeasonalX TropicX TemperateArctic DesertAll-Weather (Indoor) Other			NOT APPLICABLE	
Terrain Type Percentage Mountainous Percentage Rolling		NOT APPLICABLE	NOT APPLICABLE	
Soil Type Percentage Rock		NOT APPLICABLE	NOT APPLICABLE	
Vegetation Percentage None Percentage Sparse	0			

FILE NAME: UP010058 PAGE 2 OF 5 DATE: 03/05/87

MANEUVER AREA MANAGER: D. J. Hashagen, Sr.



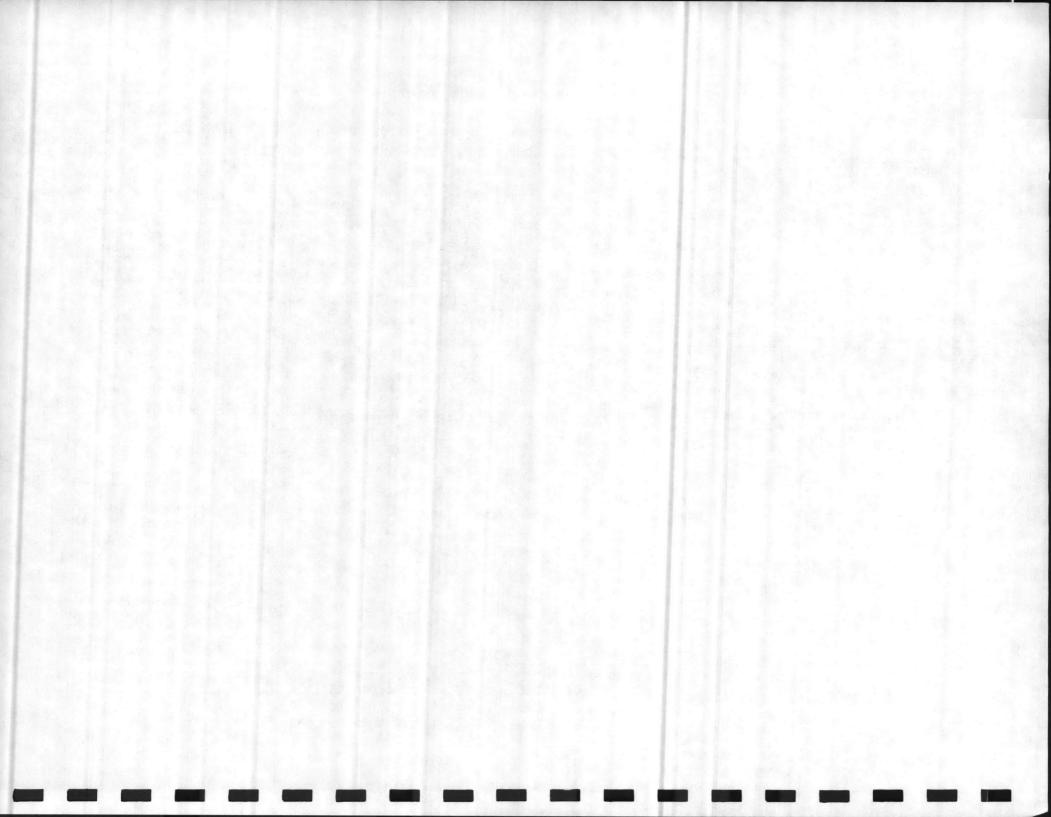
DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
List Capacity of an 8-Hour Training Day. Specify: Unit of Measure, e.g., No. of Bns/Sqdns No. of Aircraft/Helos No. of AAVs/LCACs as Appropriate			
Number of Days per Year the Maneuver Area is Available	335		
Non-availability per Year Total Maintenance Weather Budget Fire Condition/Weather Weekends/Holidays Other	30	0	0
Is the Maneuver Area Capable of Nighttime Use? Yes, No	Yes		
	Yes B-14		

FILE NAME: UP010058 PAGE 3 OF 5 DATE: 0

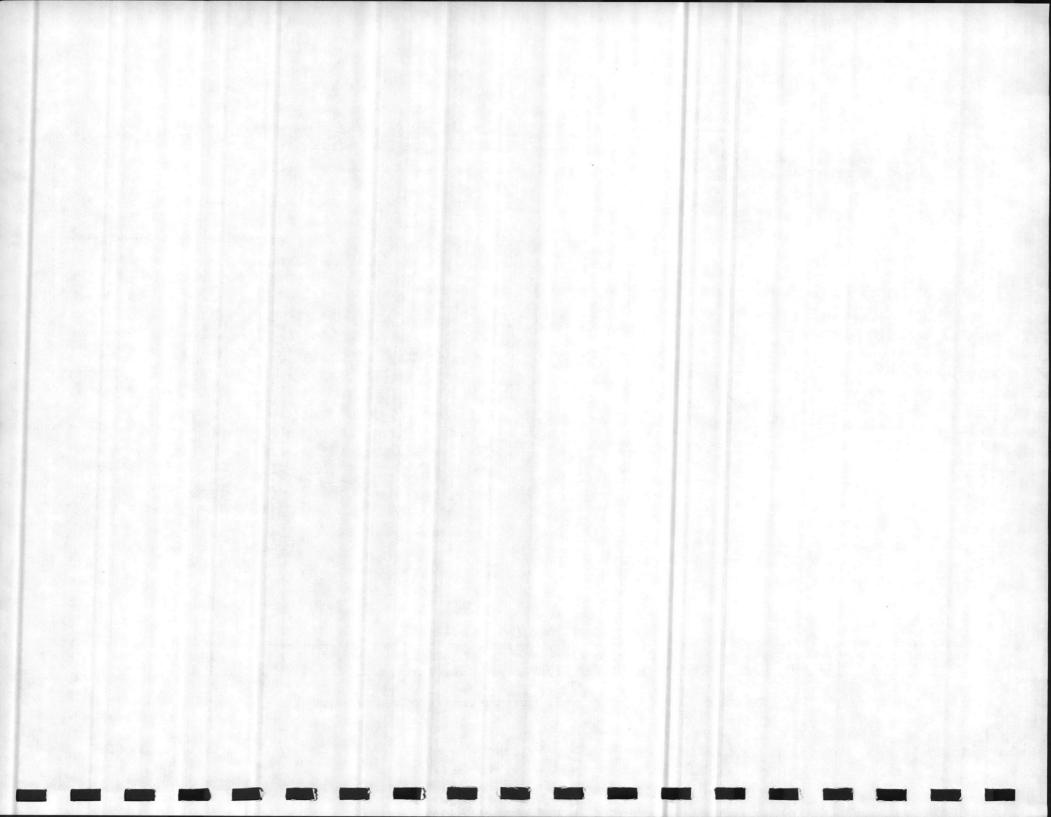
DATE: 03/05/87 MANEUVER AREA MANAGER: D. J. Hashagen, Sr.



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DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES	DESIRED CHARACTERISTICS
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LATAR MANEUVER AREA INVENTORY DATA FORM (UTMAS-P-0001)

SUBMITTED BY: D. J. Hashagen, Sr., DRCO, AV 484-2102

	TYPE MA	NEUVER	AREA:
X	Infantry	X	Electronic Warfare
	Artillery	X	Amphibious Exercises
X	Armor (LAVs, AAVs, Tanks)	x	MAGTF FTX
x	Combined Arms	x	Air-to-Ground Operations
x	Communications Exercises		Other
x	Logistics Exercises		Other

MANEUVER AREA NAME AND LOCATION: E, MCB, Camp Lejeune, NC

INSTRUCTIONS:

-- One form for each maneuver area

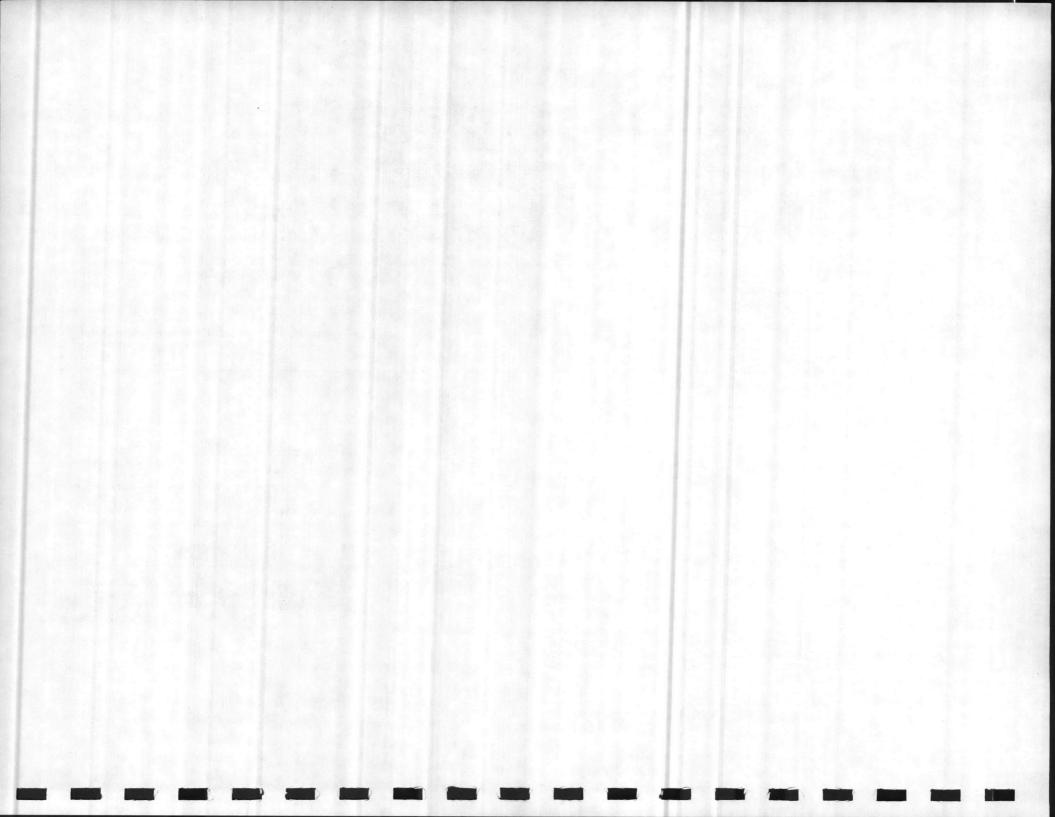
-- Fill in data elements as appropriate

--- Use right column for new or improved maneuver areas needed

DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Range Shape and Dimensions Dimensions (km)	5.5 sq km		
Primary Direction of Fire			
	TP8523 to TP8425 to TP9328 to TP9328		
Associated Air Space	 R-5306D		
Altitude (ft) Ingress and Egress Routes	17,999		
Access No. of Land Access Routes	1		
No. of Land Water Routes			
No. of Air Ingress Routes	1		
No. of Air Egress Routes			
No. of Beach Access Areas	5		

DATE: 03/05/87 PAGE 1 OF 5

MANEUVER AREA MANAGER: D. J. Hashagen, Sr.



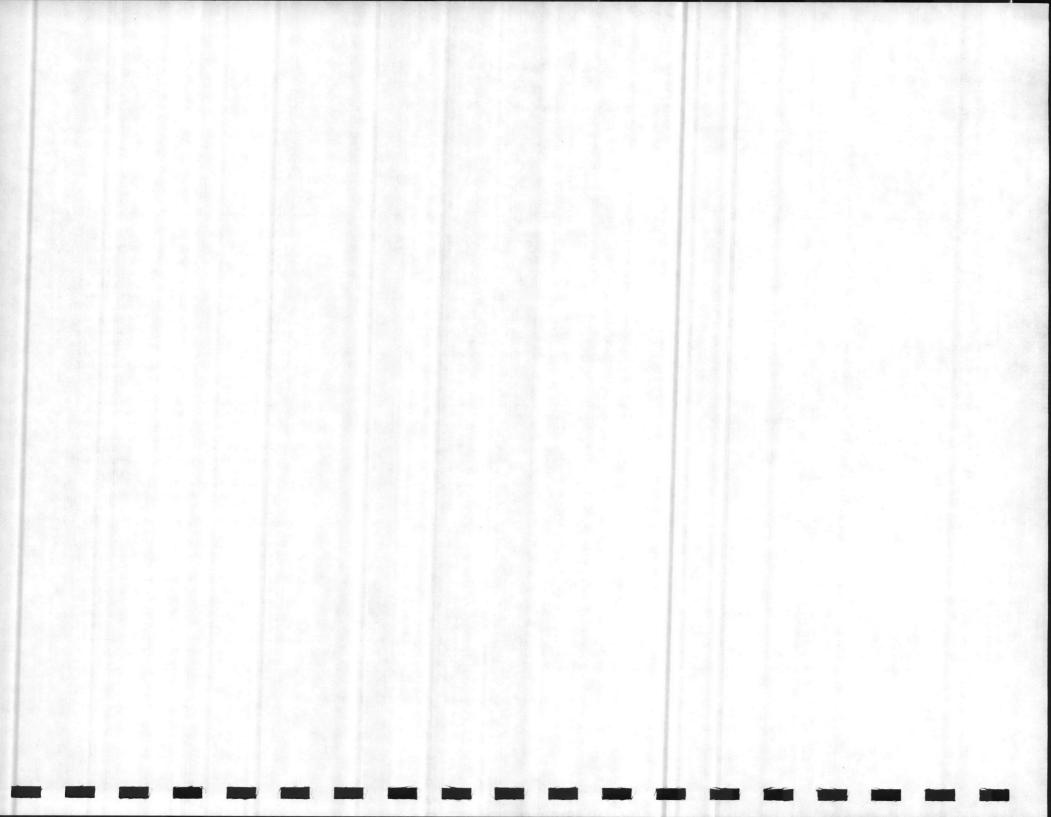
DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Climate SeasonalX TropicX TemperateArctic DesertAll-Weather (Indoor) Other		NOT APPLICABLE	NOT APPLICABLE
Terrain Type Percentage Mountainous Percentage Rolling Percentage Swamp Percentage Desert Percentage Beach Percentage Level Percentage Water	0	NOT APPLICABLE	NOT APPLICABLE
Soil Type Percentage Rock		NOT APPLICABLE	NOT APPLICABLE
Vegetation Percentage None	0		

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LATAR MANEUVER AREA INVENTORY DATA FORM (UTMAS-P-0001) (CONTINUED)

FILE NAME: UP010059

PAGE 2 OF 5 DATE: 03/05/87 MANEUVER AREA MANAGER: D. J. Hashagen, Sr._



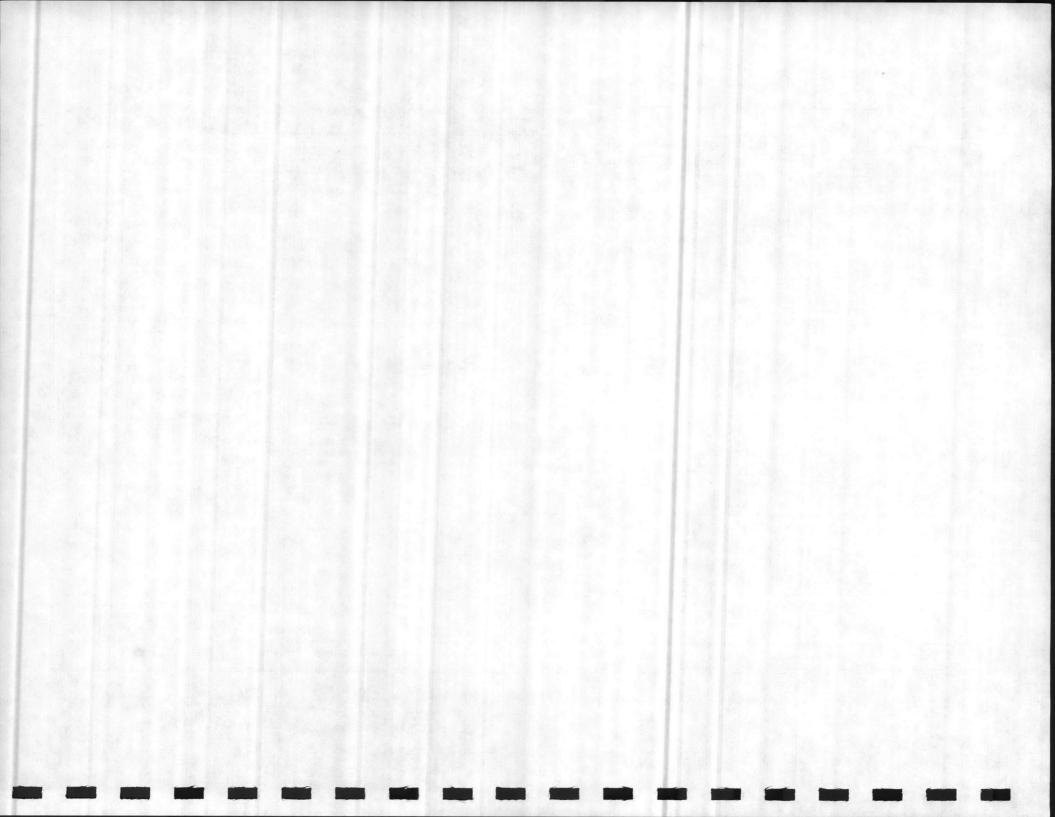
PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
8	· · · · · · · · · · · · · · · · · · ·	
5	0	0
 Yes		
	3 8 30 	3

FILE NAME: UP010059 PAGE 3 OF 5 DATE: 03/05/87

MANEUVER AREA MANAGER: D. J. Hashagen, Sr._

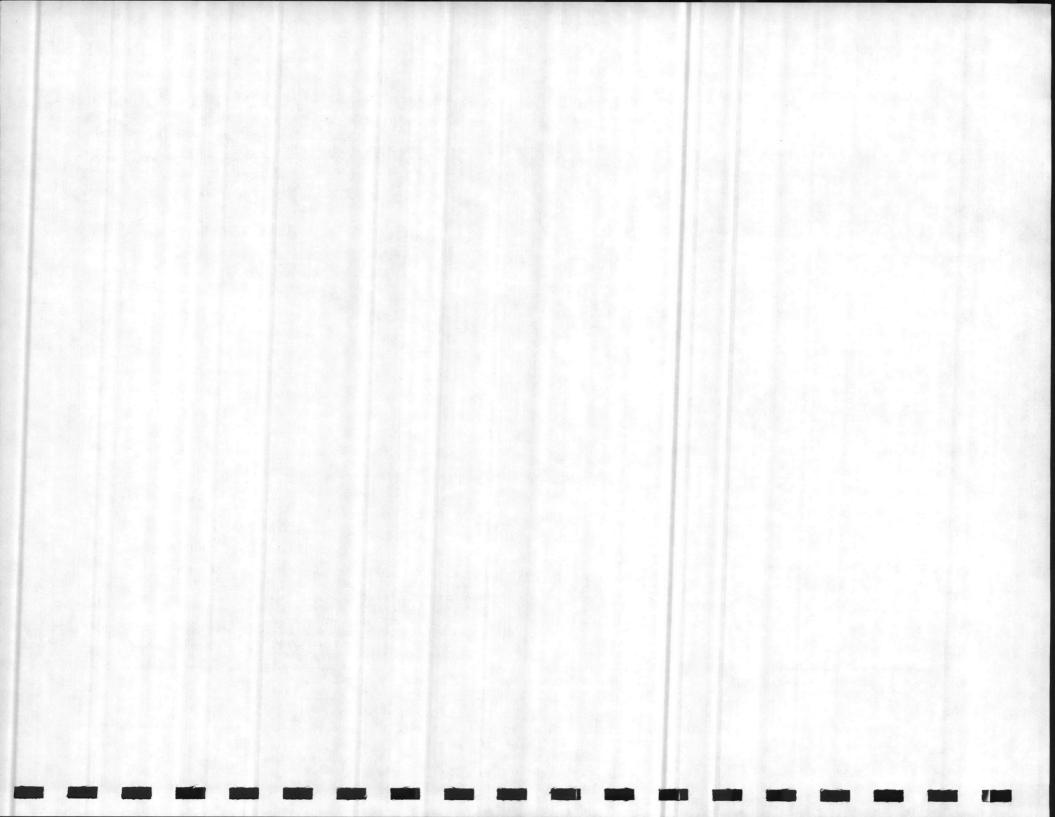


PRESENT CHARACTERISTICS		DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
No		
Yes Onslow North Tower TP882248 Onslow South Tower TP934287 LZ Reconnaissance TP915275 E-1 TP8824 OZ Shark TP840215	•	
8 8 8 8		· · ·
X X X X Weather X Recreational Facilities See Restrictions (page 5 of 5)		
	No Yes Onslow North Tower TP882248 Onslow South Tower TP934287 LZ Reconnaissance TP915275 E-1 TP8824 IOZ Shark TP840215 8 8 	PRESENT CHARACTERISTICS (INCLUDE YEAR)



LATAR	MANEUVER	AREA	INVENTORY	DATA	FORM	(UTMAS-P-0001)	(CONTINUED)

DATA ELEMENT	PRESENT CHARACTERISTICS		DESIRED CHARACTERISTICS
	Restrictions (from page 4 of 5 Environmental restrictions due to right whales, green sea turtles, and sand dunes Northern 4,200 meters north of Riseley Pier are closed due to designated recreational facilities	4	
			•



LATAR MANEUVER AREA INVENTORY DATA FORM (UTMAS-P-0001)

SUBMITTED BY: D. J. Hashagen, Sr., DRCO, AV 484-2102

----- TYPE MANEUVER AREA: -----Infantry Electronic Warfare X X Artillery Amphibious Exercises Armor (LAVs, AAVs, Tanks) Combined Arms MAGTE FTX Air-to-Ground Operations **Communications Exercises** Other X Logistics Exercises Other X

MANEUVER AREA NAME AND LOCATION: FA, MCB, Camp Lejeune, NC

INSTRUCTIONS:

-- One form for each maneuver area

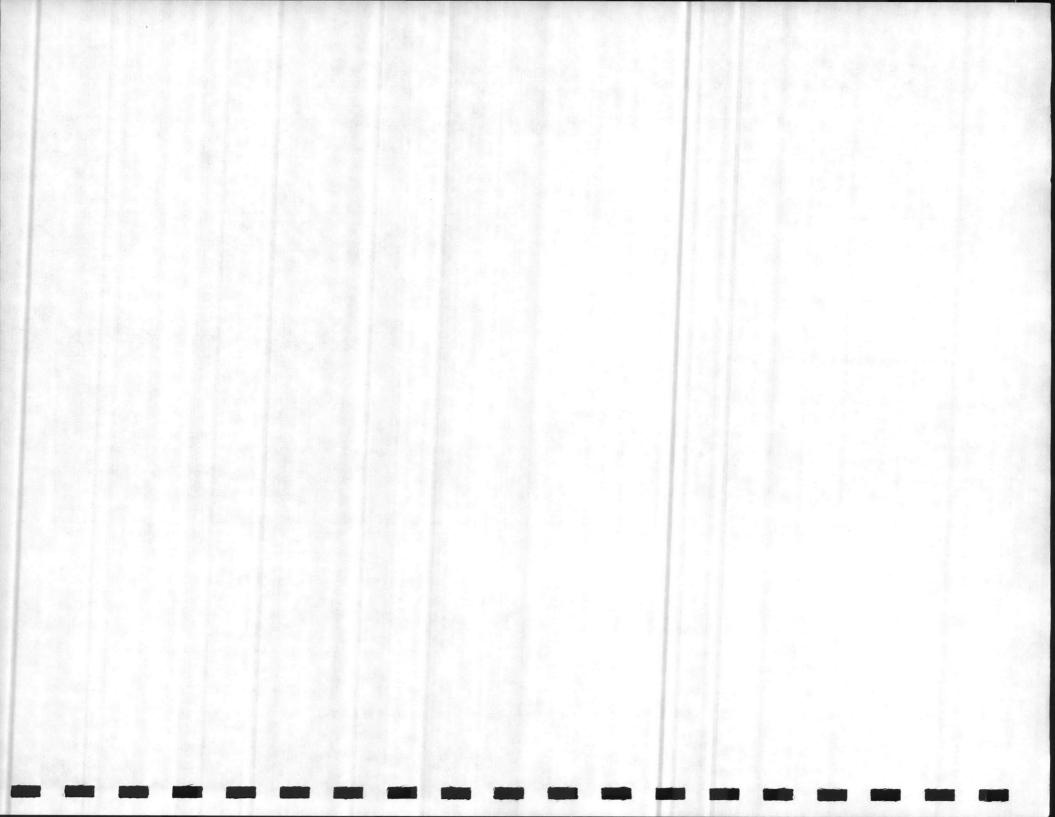
-- Fill in data elements as appropriate

-- Use right column for new or improved maneuver areas needed

DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Range Shape and Dimensions Dimensions (km)	14.75 sq km		
Primary Direction of Fire			
	TP864416 to TP910427 to TP900379 to TP872386		
Associated Air Space Altitude (ft) Ingress and Egress Routes	R-5306D 17,999 S to N	 	
Access			
No. of Land Access Routes No. of Land Water Routes	8		
No. of Air Ingress Routes			
No. of Air Egress Routes No. of Beach Access Areas			

FILE NAME: UP010060 PAGE 1 OF 5 DATE: 03/05/87

MANEUVER AREA MANAGER: D. J. Hashagen, Sr.



LATAR	MANEUVER	AREA	INVENTORY	DATA	FORM	(UTMAS-P-0001)	(CONTINUED)

DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Climate Seasonal Tropic Temperate Arctic Desert All-Weather (Indoor) Other		NOT APPLICABLE	NOT APPLICABLE
Terrain Type Percentage Mountainous Percentage Rolling Percentage Swamp Percentage Desert Percentage Beach Percentage Level Percentage Water		NOT APPLICABLE	NOT APPLICABLE
Soil Type Percentage Rock Percentage Sand Percentage Clay Percentage Swamp/Marsh Percentage Loamy Percentage Other	80 20 	NOT APPLICABLE	NOT APPLICABLE
Vegetation Percentage None Percentage Sparse Percentage Moderate Percentage Heavy	30 30		

FILE NAME: UP010060 PAGE 2 OF 5 DATE: 03/05/87

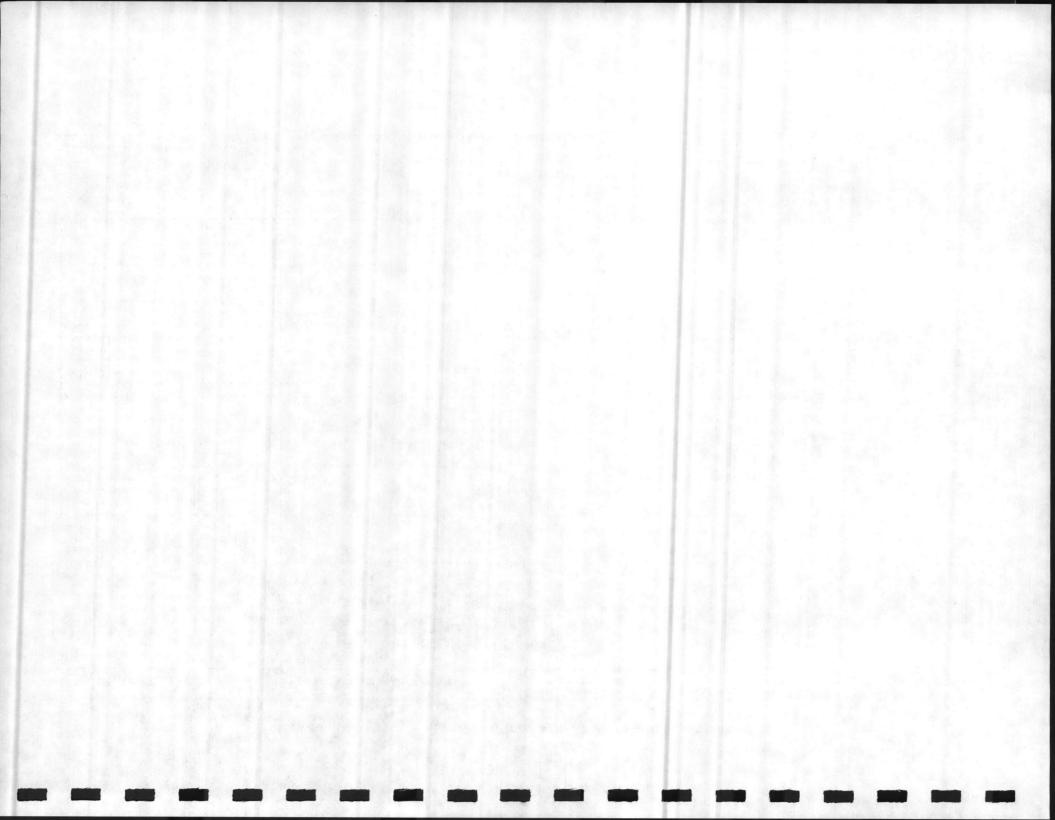
MANEUVER AREA MANAGER: D. J. Hashagen, Sr._



DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
List Capacity of an 8-Hour Training Day. Specify: Unit of Measure, e.g., No. of Bns/Sqdns No. of Aircraft/Helos No. of AAVs/LCACs as Appropriate	15	· · · · · · · · · · · · · · · · · · ·	
Number of Days per Year the Maneuver Area is Available	335		
Non-availability per Year Total Maintenance Weather Budget Fire Condition/Weather Weekends/Holidays Other	30		
Is the Maneuver Area Capable of Nighttime Use? Yes, No	Yes		
	Yes F-12, F-2, F-5, F-11		

FILE NAME: UP010060 PAGE 3 OF 5 DATE: 03/05/87

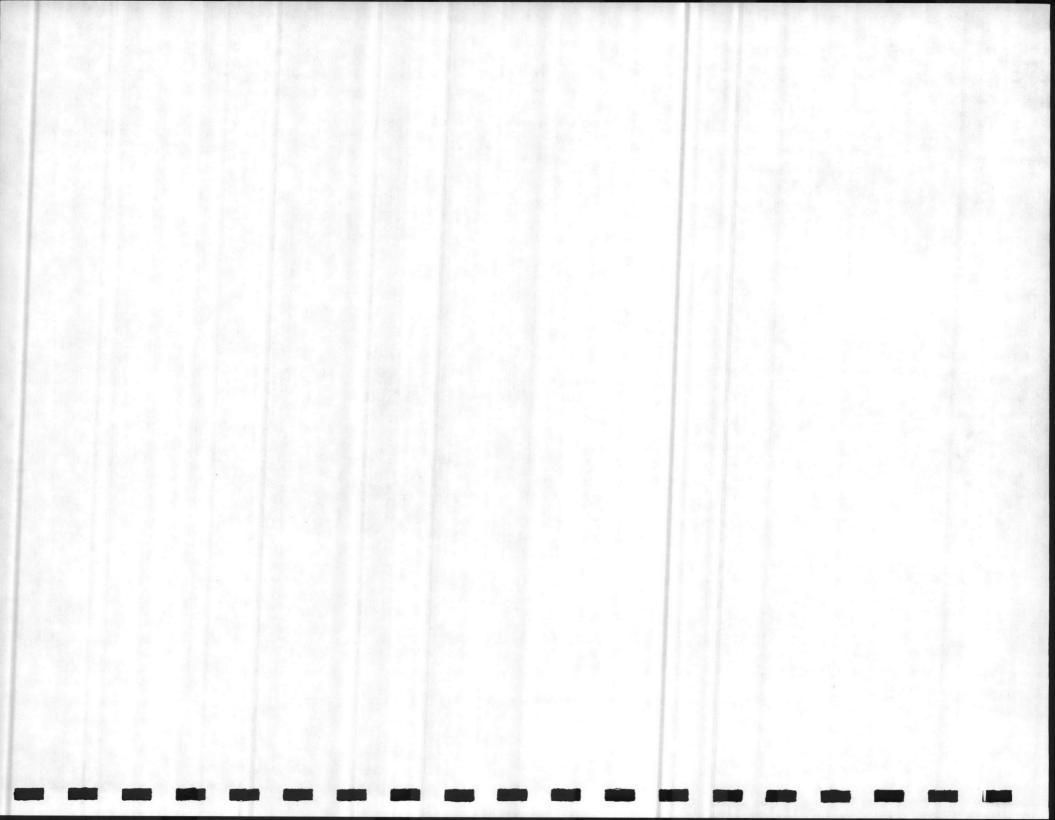
MANEUVER AREA MANAGER: D. J. Hashagen, Sr.



PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE
No		
Yes No maneuver when hot F-12 TP874404 F-2 TP907427 F-5 TP909426 F-11 TP869395	Yes F-10, F-9, F-18, and GP-2 no longer exist due to F-12 becoming a demolitions range	
3 5 3 3		· · · · · · · · · · · · · · · · · · ·
X Woodpecker habitat X Woodpecker habitat X X X X X Tree harvest X Fire Conditions		
	Image: Second state No Yes No maneuver when hot F-12 TP874404 F-2 TP907427 F-5 TP909426 F-11 TP869395 Image: Second state Image: Second state </td <td>PRESENT CHARACTERISTICS (INCLUDE YEAR) No No Yes (Include Year) Yes (Include Year)</td>	PRESENT CHARACTERISTICS (INCLUDE YEAR) No No Yes (Include Year) Yes (Include Year)



DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES	DESIRED CHARACTERISTICS
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			· · · · · · · · · · · · · · · · · · ·
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LATAR MANEUVER AREA INVENTORY DATA FORM (UTMAS-P-0001)

SUBMITTED BY: D. J. Hashagen, Sr., DRCO, AV 484-2102

TYPE MANEUVER	AREA:
Infantry	Electronic Warfare
Artillery	Amphibious Exercises
Armor (LAVs, AAVs, Tanks)	MAGTF FTX
Combined Arms	Air-to-Ground Operations
Communications Exercises	Other
Logistics Exercises	Other

MANEUVER AREA NAME AND LOCATION: FB, MCB, Camp Lejeune, NC

INSTRUCTIONS:

-- One form for each maneuver area

-- Fill in data elements as appropriate

-- Use right column for new or improved maneuver areas needed

DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Primary Direction of Fire Coordinates	4 sq km TP9141 to TP9340 to TP9042 to TP9343		
	179343		
Associated Air Space Altitude (ft) Ingress and Egress Routes	R-5306D 17,999 N to W	 	
Access No. of Land Access Routes No. of Land Water Routes No. of Air Ingress Routes No. of Air Egress Routes No. of Beach Access Areas			

DATE: 03/05/87 PAGE 1 OF 5

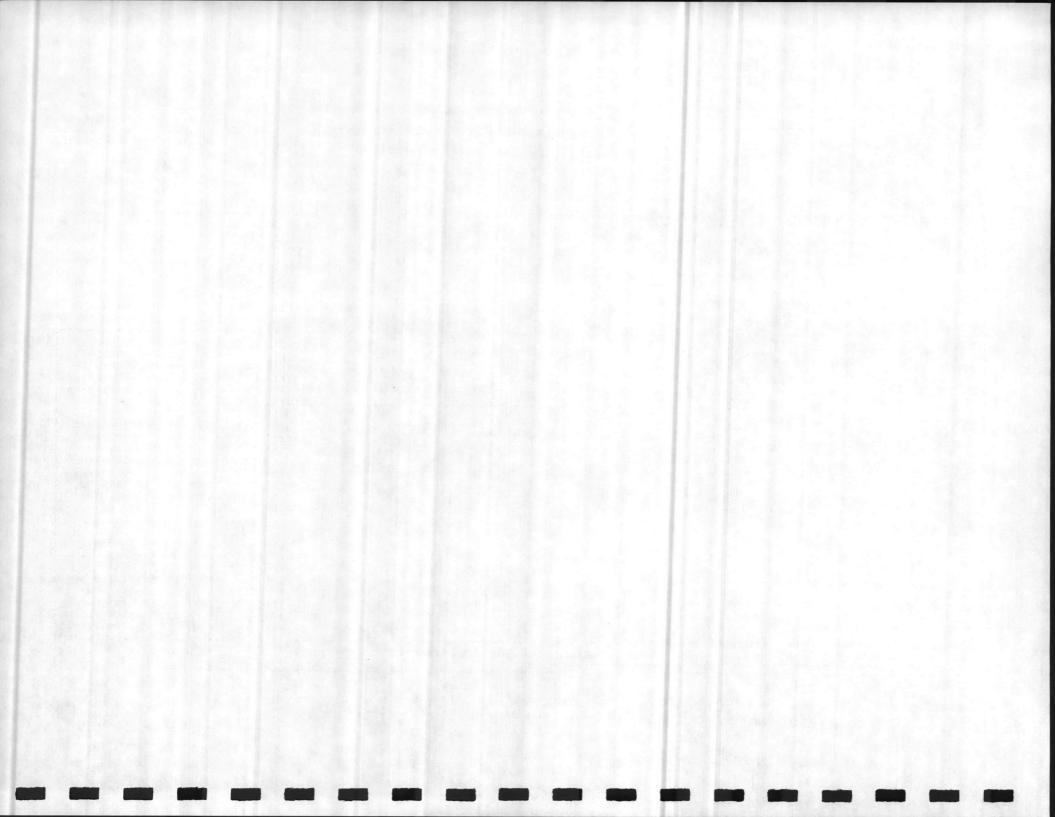
MANEUVER AREA MANAGER: D. J. Hashagen, Sr.



DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS
Climate SeasonalX Tropic TemperateArctic Desert All-Weather (Indoor) Other		NOT APPLICABLE	NOT APPLICABLE
Ferrain Type Percentage Mountainous Percentage Rolling		NOT APPLICABLE	NOT APPLICABLE
Soil Type Percentage Rock		NOT APPLICABLE	NOT APPLICABLE
Vegetation Percentage None)		

FILE NAME: UP010061 PAGE 2 OF 5 DATE: 03/05/87

MANEUVER AREA MANAGER: D. J. Hashagen, Sr._

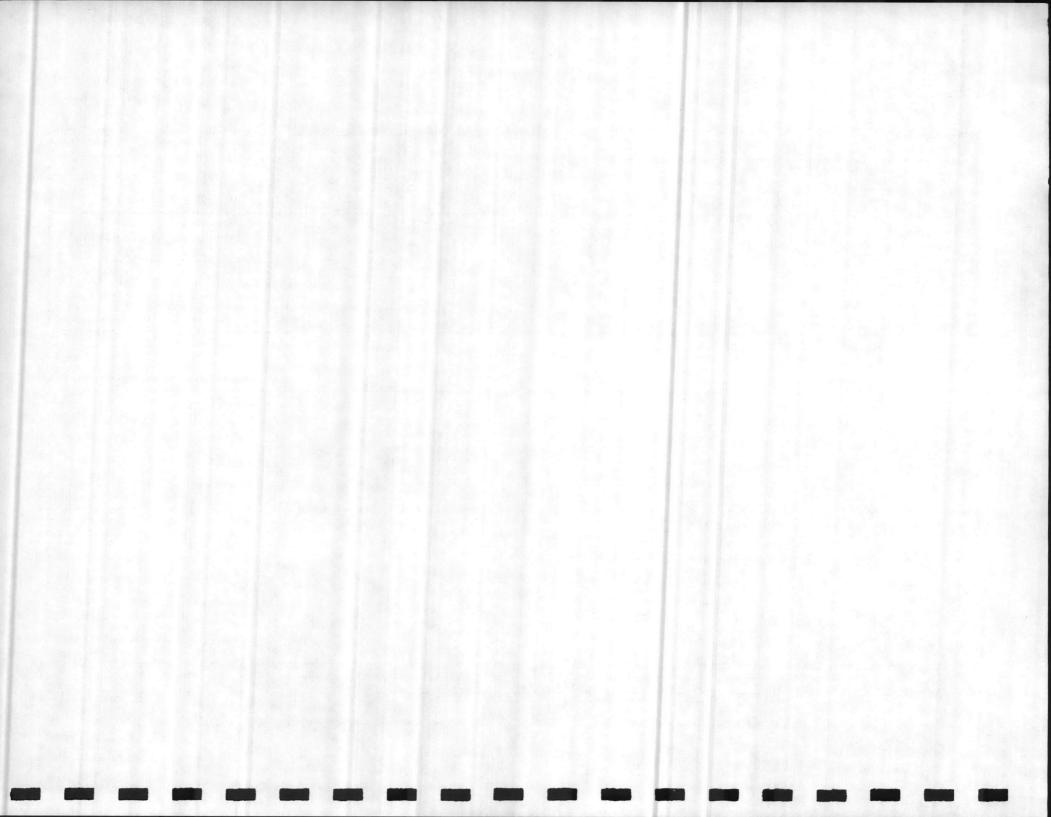


	(SPECIFY YEAR NEEDED IF APPLICABLE)
	0
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FILE NAME: UP010061 PAGE 3 OF 5 DATE: 0

DATE: 03/05/87 MANEUV

MANEUVER AREA MANAGER: D. J. Hashagen, Sr._

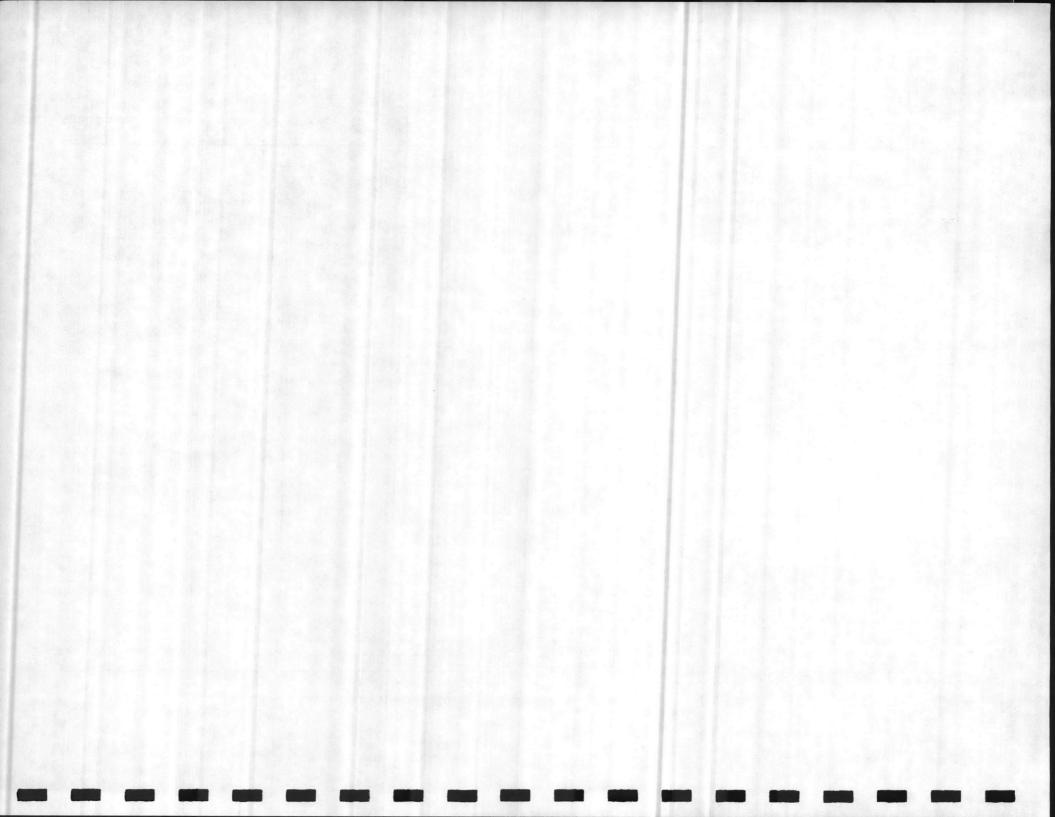


PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
No		
Yes F-4 TP918421 GP-3 TP92234157 GP-4 TP92704066		
13	 	· ·
x		
	No Yes F-4 TP918421 GP-3 TP92234157 GP-4 TP92704066 10 13 10 X Woodpecker habitat X	PRESENT CHARACTERISTICS (INCLUDE YEAR)

1



DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS
IAME: UP010061			İ



LATAR MA	NEUVER A	REA INV	ENTORY	DATA	FORM	(UTMAS-P-0001)
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SUBMITTED BY: D. J. Hashagen, Sr., DRCO, AV 484-2102

MANEUVER AREA NAME AND LOCATION: FC, MCB, Camp Lejeune, NC

TYPE MANEUVER	AREA:
Infantry Artillery	Electronic Warfare Amphibious Exercises
Armor (LAVs, AAVs, Tanks)	MAGTF FTX
Combined Arms	Air-to-Ground Operations
Communications Exercises	Other
Logistics Exercises	Other

INSTRUCTIONS:

-- One form for each maneuver area

-- Fill in data elements as appropriate

-- Use right column for new or improved maneuver areas needed

PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE
12.5 sq km		
TP9038 to TP9141 to TP9436 to TP9340		
/\ /\ North		· · · · · · · · · · · · · · · · · · ·
		a set of the
		I I
	12.5 sq km TP9038 to TP9141 to TP9436 to TP9340 /\ NORTH 17,999 N to W 7 7	PRESENT CHARACTERISTICS (INCLUDE YEAR) 12.5 sq km

FILE NAME: UP010062 PAGE 1 OF 5 DATE: 03/05/87

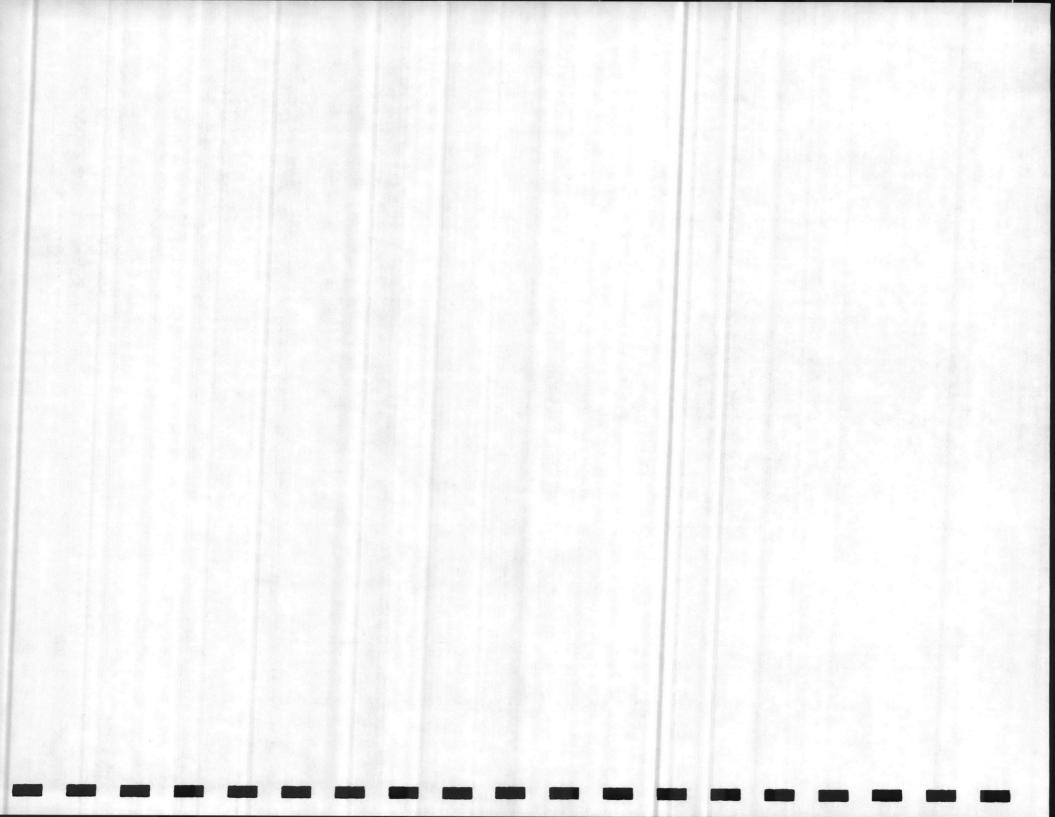
MANEUVER AREA MANAGER: D. J. Hashagen, Sr.



DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS SPECIFY YEAR NEEDED IF APPLICABLE	
Climate Seasonal Tropic Temperate Arctic Desert All-Weather (Indoor) Other	x	NOT APPLICABLE	NOT APPLICABLE	
Terrain Type Percentage Mountainous Percentage Rolling Percentage Swamp Percentage Desert Percentage Beach Percentage Level Percentage Water	40	NOT APPLICABLE	NOT APPLICABLE	
Soil Type Percentage Rock Percentage Sand Percentage Clay Percentage Swamp/Marsh Percentage Loamy Percentage Other	100	NOT APPLICABLE	NOT APPLICABLE	
Vegetation Percentage None Percentage Sparse Percentage Moderate Percentage Heavy	30 ·····			

FILE NAME: UP010062 PAGE 2 OF 5 DATE: 03/05/87

MANEUVER AREA MANAGER: D. J. Hashagen, Sr.

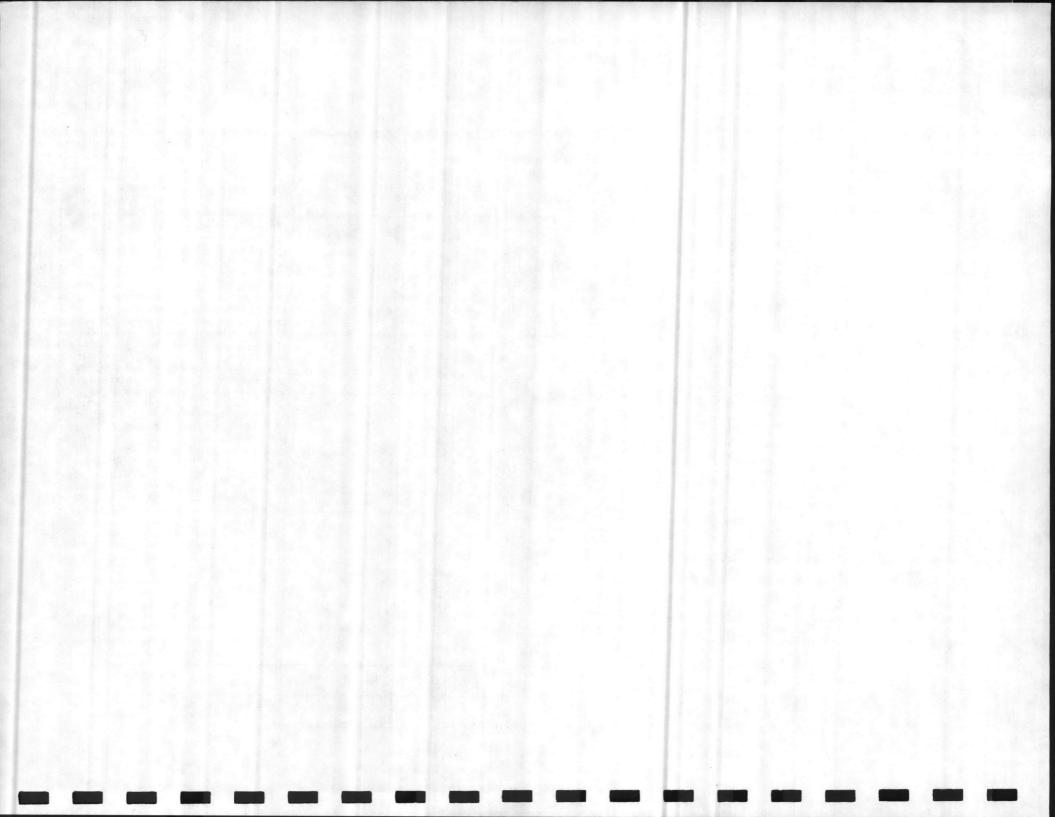


DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
List Capacity of an 8-Hour Training Day. Specify: Unit of Measure, e.g., No. of Bns/Sqdns No. of Aircraft/Helos No. of AAVs/LCACs as Appropriate		· · · · · · · · · · · · · · · · · · ·	
Number of Days per Year the Maneuver Area is Available	335		
Non-availability per Year Total. Maintenance. Weather. Budget. Fire Condition/Weather. Weekends/Holidays. Other.	30		0
of Nighttime Use? Yes, No	Yes		•
	Yes F-2, F-3, F-4, F-5		

FILE NAME: UP010062 PAGE 3 OF 5 DATE: 03/05/87

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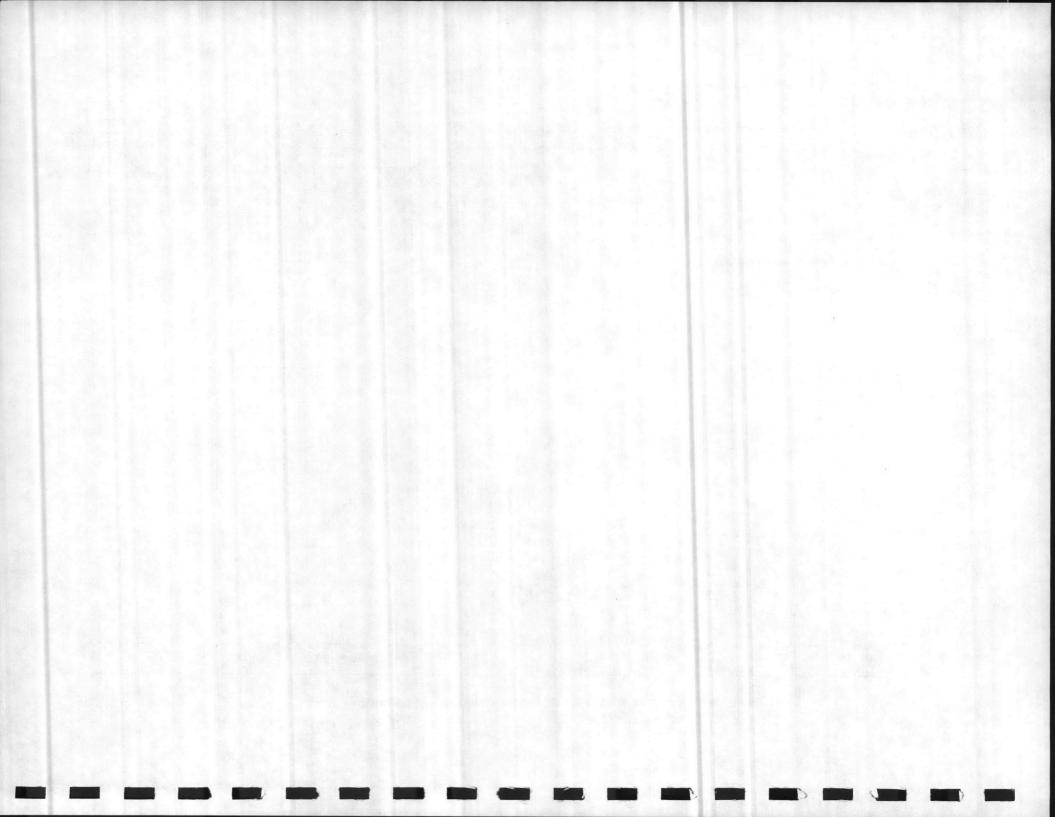
MANEUVER AREA MANAGER: D. J. Hashagen, Sr._



DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Are There Site-unique Features (Waivers to Man- euver Area Standards, Safety, etc.)? Yes, No, Explain	QU		
Are There Site-unique Re- quirements Placed on Using Units? Yes, No, Explain	res Yes F-2 TP907427 F-3 TP939379 F-4 TP918421 F-5 TP909426		
Distance from Supply Points POL (km) Ammunition (km) Rations (km)	9 9		
Restrictions on Maneuver Area Use Environmental AICUZ FAA Noise Noise Pyrotechnics/Flare Time of Day Other	X X X X Tree harvest X X Fire Conditions		
FILE NAME: UP010062 PAGE 4 OF 5 DATE: 03/05/87	MANEUVER AREA MANAGER: D. J.	J. Hashagen, Sr.	UTMAS-P-0001



DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE
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LATAR MANEUVER AREA INVENTORY DATA FORM (UTMAS-P-0001)

SUBMITTED BY: D. J. Hashagen, Sr., DRCO, AV 484-2102

	TYPE MAN	IEUVER	AREA:
X	Infantry	X	Electronic Warfare
X	Artillery		Amphibious Exercises
X	Armor (LAVs, AAVs, Tanks)		MAGTF FTX
	Combined Arms		Air-to-Ground Operations
X	Communications Exercises		Other
X	Logistics Exercises		Other
		Contract of the state of the	

MANEUVER AREA NAME AND LOCATION: FD, MCB, Camp Lejeune, NC

INSTRUCTIONS:

-- One form for each maneuver area

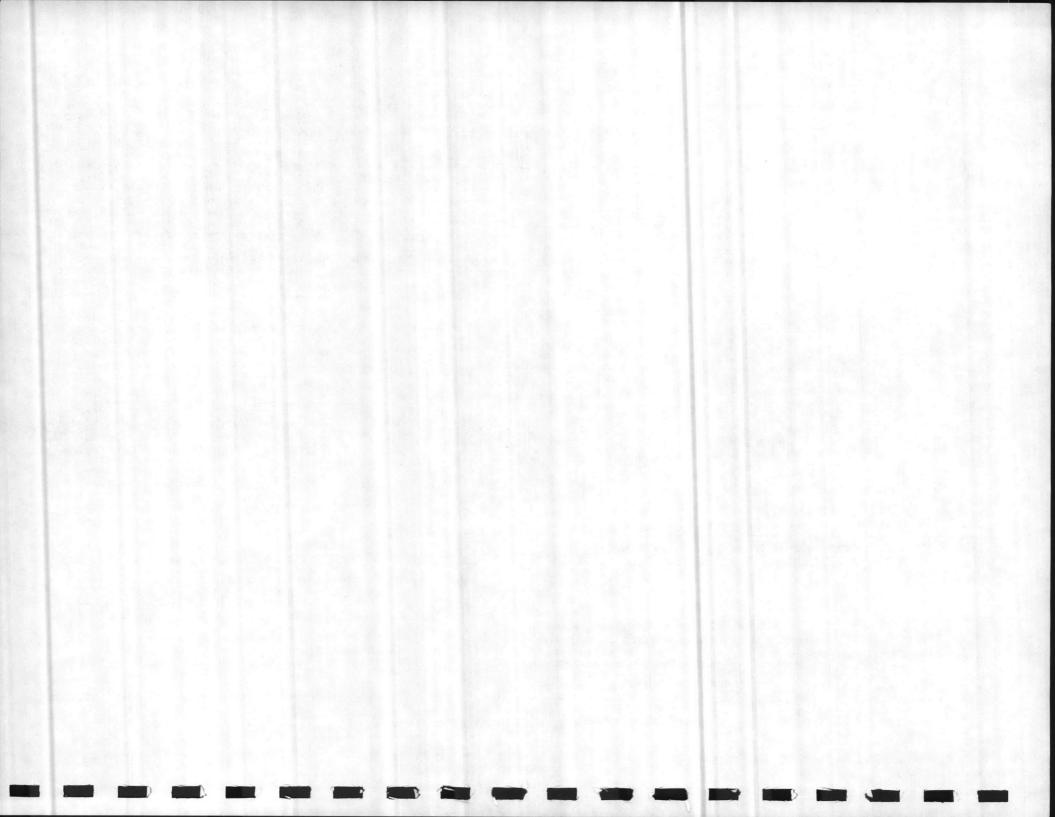
-- Fill in data elements as appropriate

-- Use right column for new or improved maneuver areas needed

DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Range Shape and Dimensions Dimensions (km) Primary Direction of Fire	4.2 sq km		
	TP8738 to TP8837 to TP9038 to TP9037		
Associated Air Space Altitude (ft) Ingress and Egress Routes	17,999		•
Access No. of Land Access Routes			
No. of Land Water Routes No. of Air Ingress Routes No. of Air Egress Routes No. of Beach Access Areas	1 1		

FILE NAME: UP010063 PAGE 1 OF 5 DATE: 03/05/87

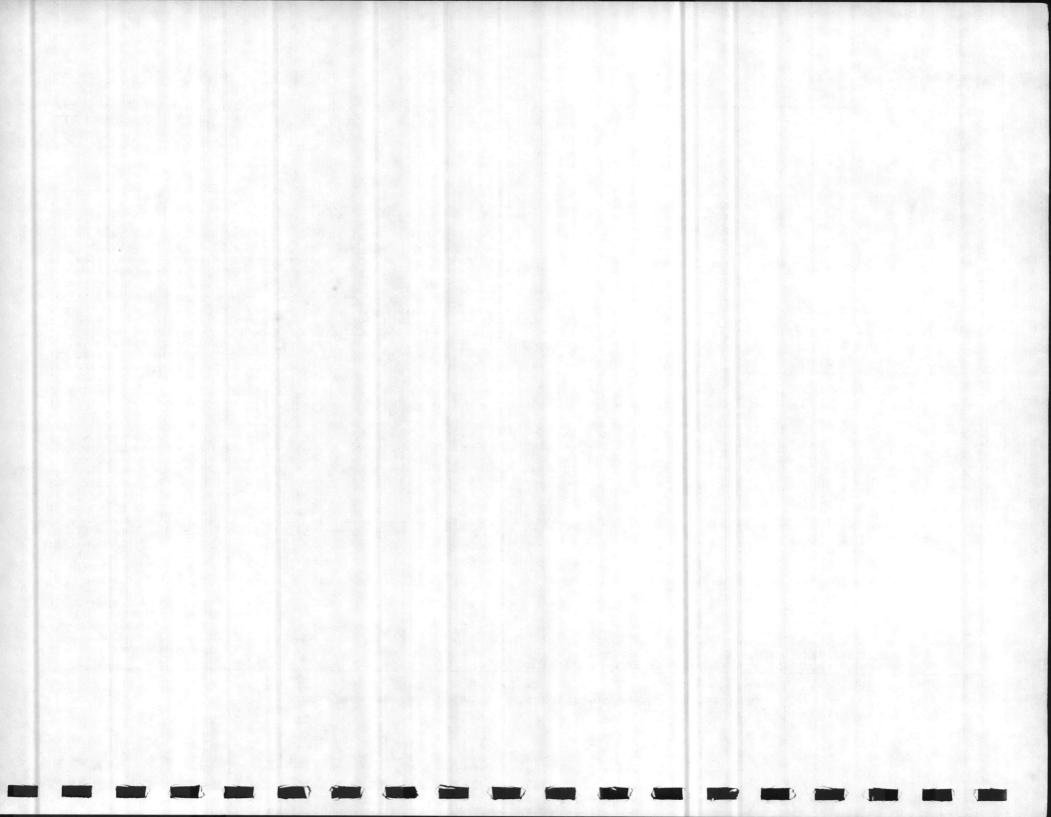
MANEUVER AREA MANAGER: D. J. Hashagen, Sr.



		ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS
Climate SeasonalX Tropic Temperate Arctic Desert All-Weather (Indoor) Other		NOT APPLICABLE	NOT APPLICABLE
Terrain Type Percentage Mountainous Percentage Rolling		NOT APPLICABLE	NOT APPLICABLE
Soil Type Percentage Rock		NOT APPLICABLE	. NOT APPLICABLE
Vegetation Percentage None			

FILE NAME: UP010063 PAGE 2 OF 5 DATE: 03/05/87

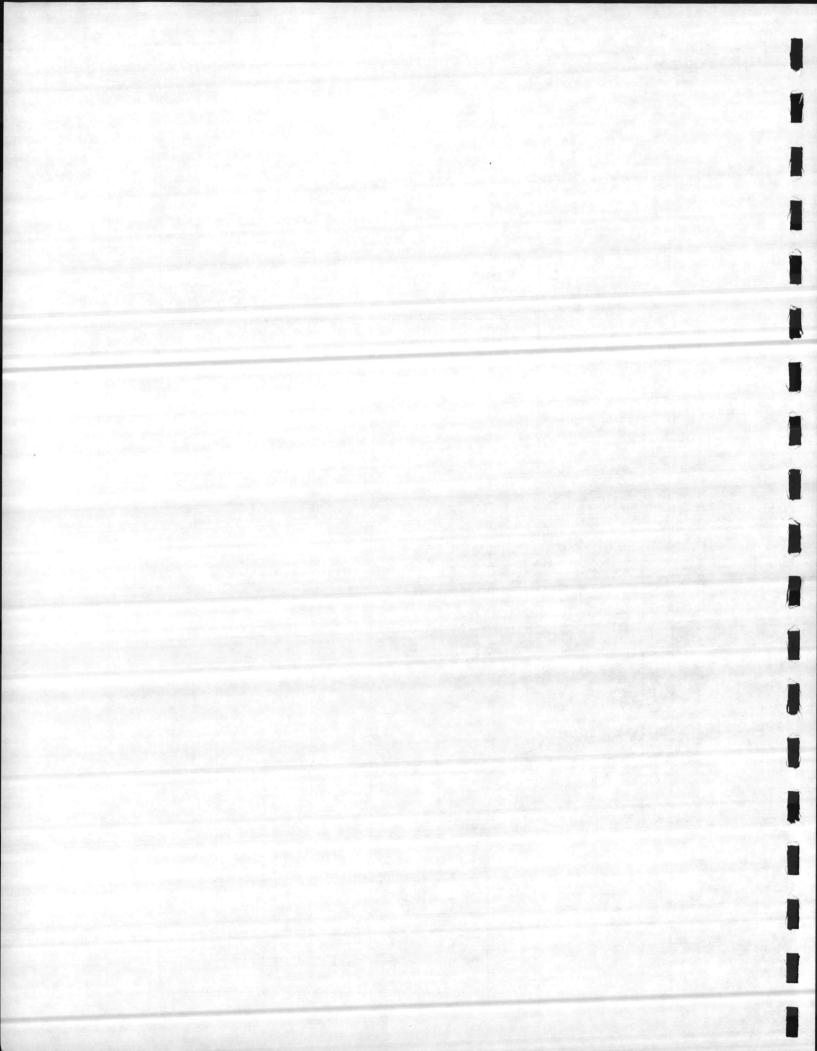
MANEUVER AREA MANAGER: D. J. Hashagen, Sr._



DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
List Capacity of an 8-Hour Training Day. Specify: Unit of Measure, e.g., No. of Bns/Sqdns No. of Aircraft/Helos No. of AAVs/LCACs as Appropriate	4		
Number of Days per Year the Maneuver Area is Available	335		
Non-availability per Year Total Maintenance Weather Budget Fire Condition/Weather Weekends/Holidays Other	30		
Is the Maneuver Area Capable of Nighttime Use? Yes, No 	Yes		
Other Maneuver Areas/Ranges Which Must Be Closed When This Maneuver Area is in Use	Undefined		

FILE NAME: UP010063 PAGE 3 OF 5 DATE: 03/05/87

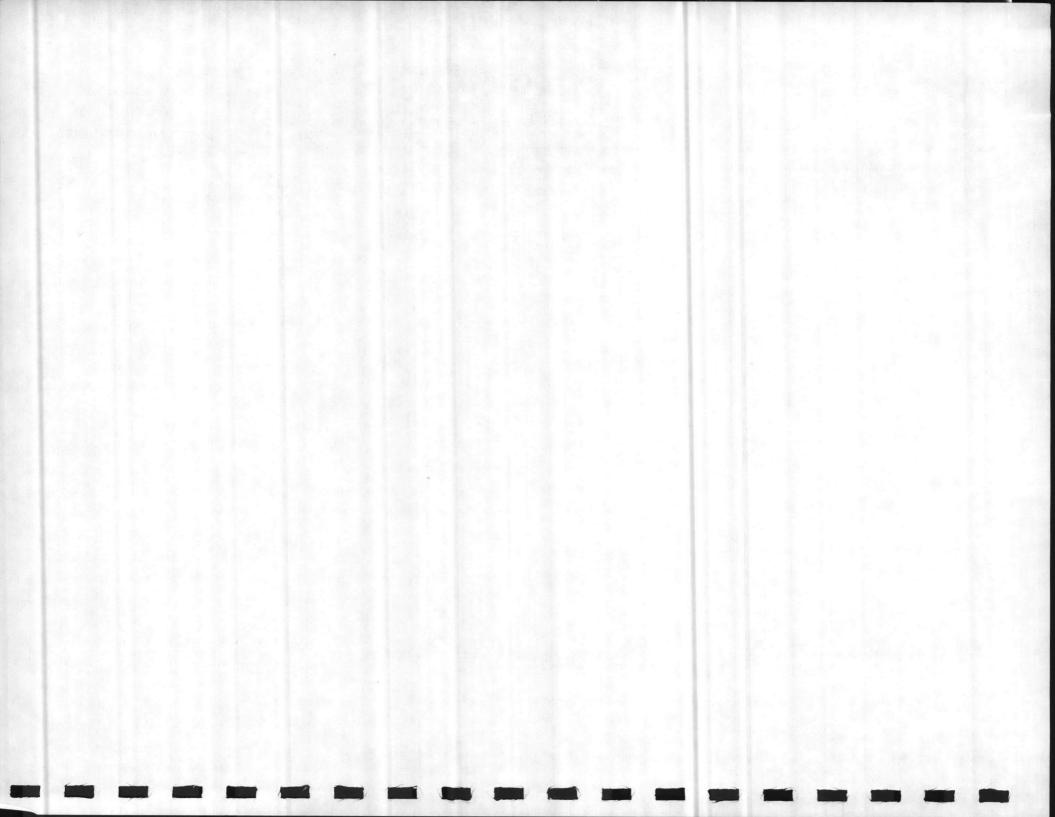
MANEUVER AREA MANAGER: D. J. Hashagen, Sr._



LATAR MANEUV	ER AREA	INVENTORY	DATA	FORM	(UTMAS-P-0001)	(CONTINUED)
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DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE
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NAME: UP010063		-	



LATAR MANEUVER AREA INVENTORY DATA FORM (UTMAS-P-0001)

SUBMITTED BY: D. J. Hashagen, Sr., DRCO, AV 484-2102		TYPE MANEUVER AREA:	
	Infantry	Electronic Wa	
	Artillery	Amphibious Exc	ercises
MANEUVER AREA NAME AND LOCATION: F-17, MCB, Camp Leje	eune, NC Armor (LAVs, AAVs,	Tanks) MAGTF FTX	
	Combined Arms	Air-to-Ground	Operations
	Communications Exe	rcises X Dry Net Train	ing
	Logistics Exercise	s Other	
	and the second sec		

INSTRUCTIONS:

-- One form for each maneuver area

-- Fill in data elements as appropriate

-- Use right column for new or improved maneuver areas needed

DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Primary Direction of Fire	300 sq yds NA TP885385		
Associated Air Space Altitude (ft) Ingress and Egress Routes		 	
Access No. of Land Access Routes No. of Land Water Routes No. of Air Ingress Routes No. of Air Egress Routes No. of Beach Access Areas			

FILE NAME: UP010064 PAGE 1 OF 5 DATE: 03/05/87

MANEUVER AREA MANAGER: D. J. Hashagen, Sr.



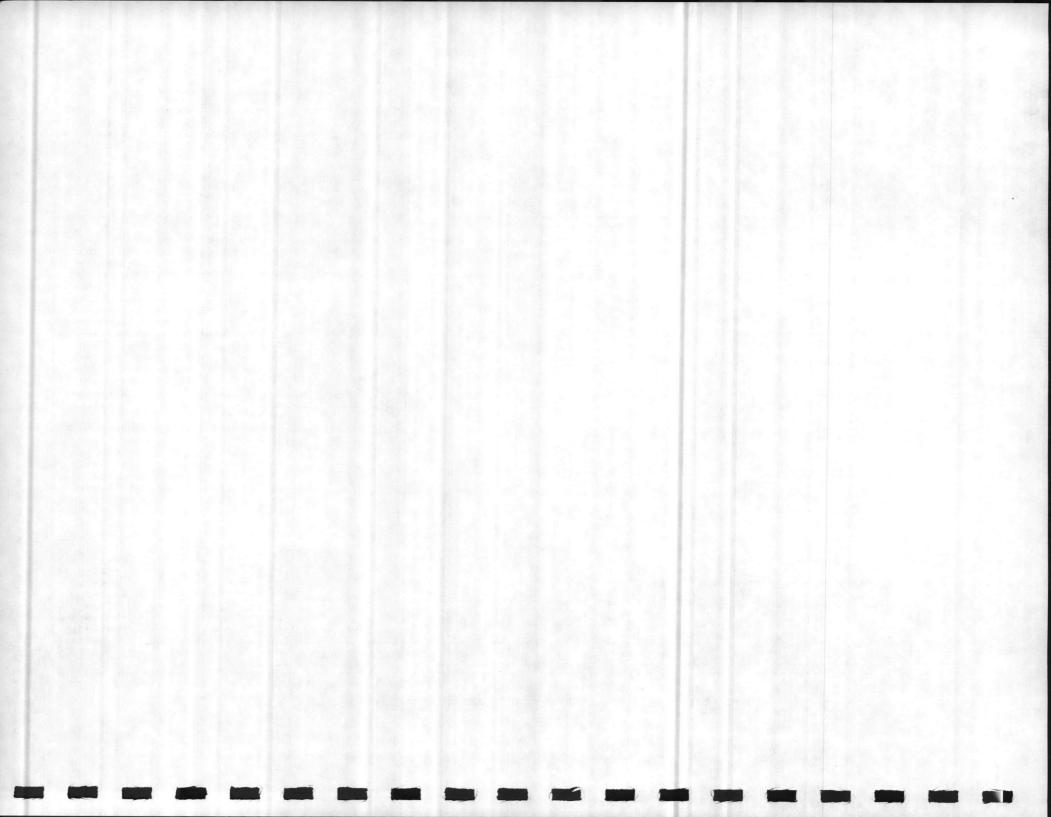
Climate Seasonal	DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Percentage Mountainous Percentage Rolling Percentage Ramp NOT APPLICABLE Percentage Desert NOT APPLICABLE Percentage Beach 100 Percentage Level 100 Percentage Rock Percentage Rock Percentage Sand 100 Percentage Clay NOT APPLICABLE Percentage Clay NOT APPLICABLE Percentage Other NOT APPLICABLE Vegetation Percentage None Percentage Sparse	SeasonalX Tropic Temperate Arctic Desert All-Weather (Indoor)		NOT APPLICABLE	NOT APPLICABLE
Percentage Rock	Percentage Mountainous Percentage Rolling Percentage Swamp Percentage Desert Percentage Beach Percentage Level 1	00	NOT APPLICABLE	NOT APPLICABLE
Percentage None	Percentage Rock Percentage Sand	00	NOT APPLICABLE	NOT APPLICABLE
이야지는 것이 되는 것이 같아요. 그는 것이 같이 있는 것이 같아요. 이렇게 잘 많아요. 이렇게 잘 많아요. 이렇게 잘 많아요. 이렇게 잘 못했는 것이 않는 것이 않아요. 이렇게 가지 않는 것이 않는 것이 같아요. 이렇게 말 다 나는 것이 같아요. 이렇게 말 다 나는 것이 않는 것이 않 않는 않는 것이 않 않 것이 않아? 않는 것이 않는 않다. 않는 것이 않 않이 않는 않이 않이 않다. 않는 것이 않는 것이 않는 않이 않이 않는 않는 않는 않이 않는 않? 않이 않 않 않 않 않? 않 않 않 않 않 않 않 않 않 않? 않? 않 않 않? 않 않? 않 않이 않? 않? 않 않?	Percentage None Percentage Sparse	00		

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LATAR MANEUVER AREA INVENTORY DATA FORM (UTMAS-P-0001) (CONTINUED)

FILE NAME: UP010064 PAGE 2 OF 5 DATE: 03/05/87

MANEUVER AREA MANAGER: D. J. Hashagen, Sr.

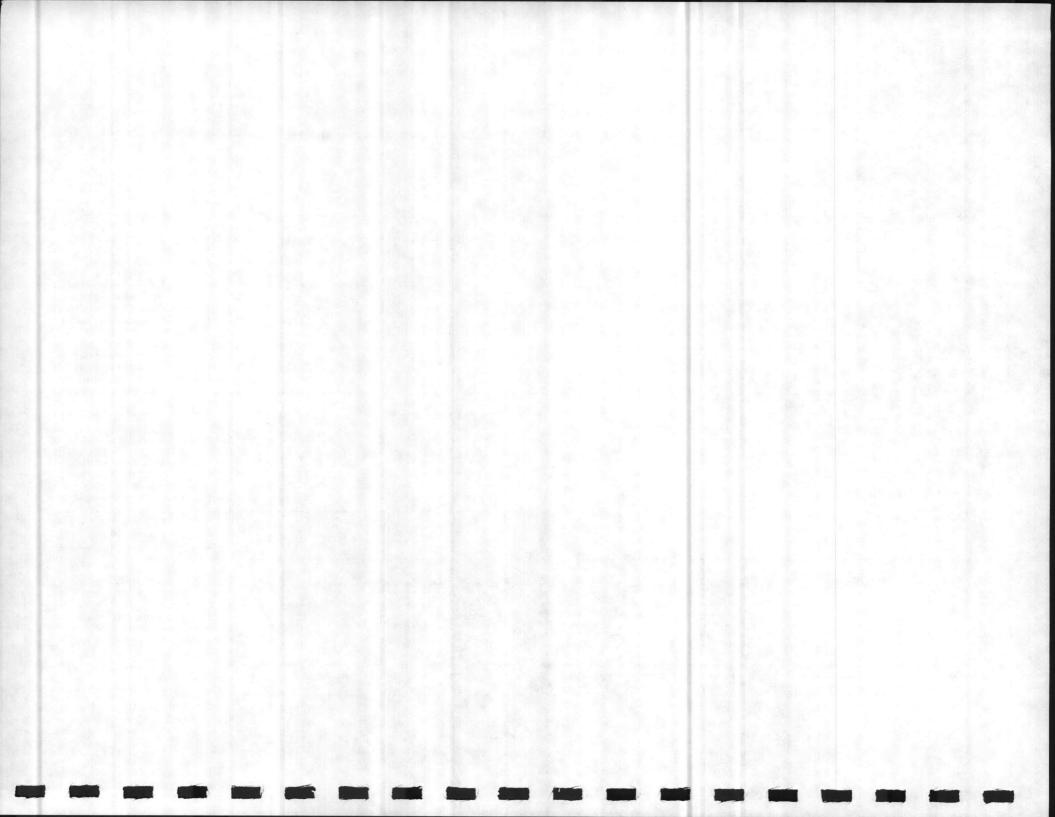


PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
2 Сов NA NA	·····	
365		
NA 0		0
		 ,
NA		
	2 Cos NA NA 365 NA 0 	PRESENT CHARACTERISTICS (INCLUDE YEAR) 2 Cos

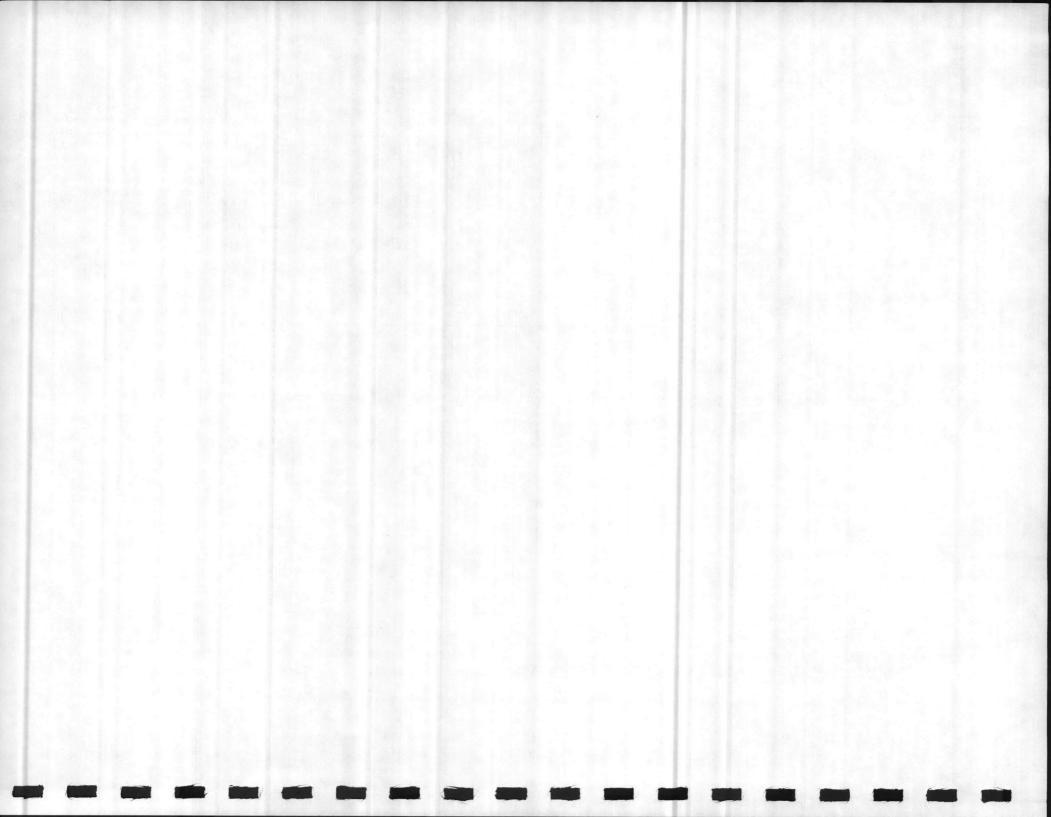
FILE NAME: UP010064 PAGE 3 OF 5 DATE:

DATE: 03/05/87

MANEUVER AREA MANAGER: D. J. Hashagen, Sr.

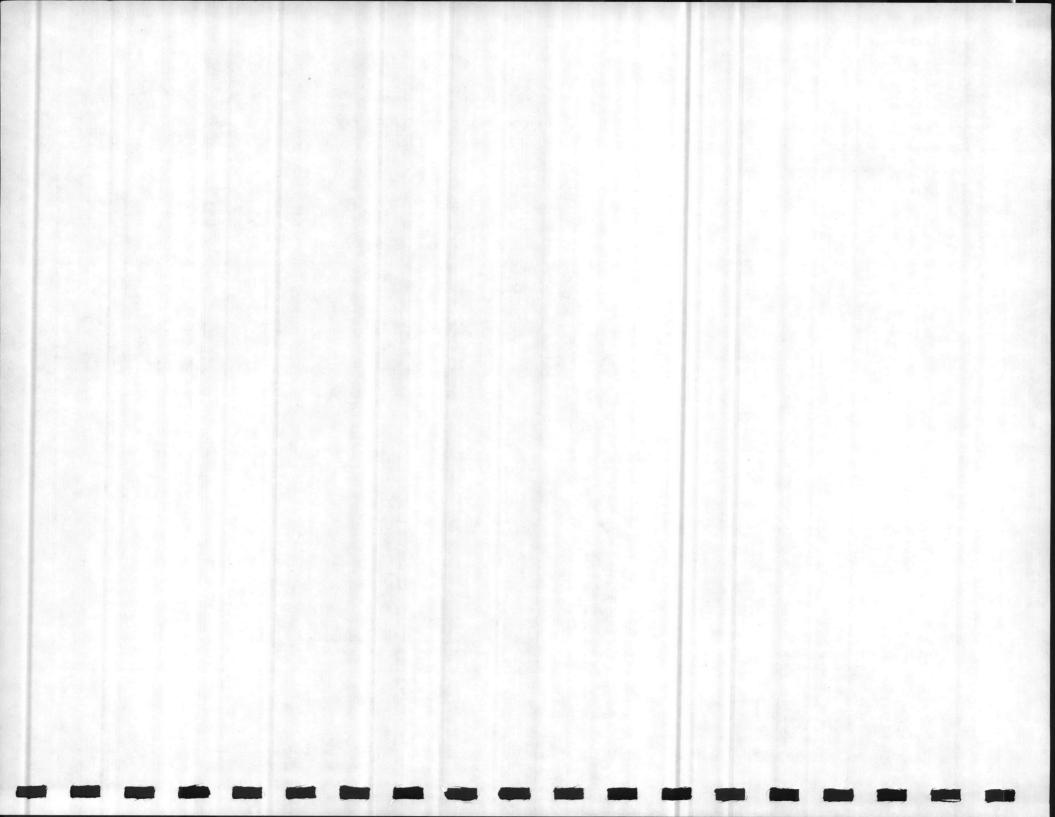


DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS
Are There Site-unique Features (Waivers to Man- euver Area Standards, Safety, etc.)? Yes, No, Explain	NA		
Are There Site-unique Re- quirements Placed on Using Units? Yes, No, Explain	NA		
Distance from Supply Points POL (km) Ammunition (km) Rations (km)	NA	 	
Restrictions on Maneuver Area Use Environmental AICUZ FAA Gas/Chemical Pyrotechnics/Flare Time of Day Time of Year Other			
ILE NAME: UP010064 AGE 4 OF 5 DATE: 03/05/87	MANEUVER AREA MANAGER: D. J.		I I



LATAR MANEUVER A	AREA	INVENTORY	DATA	FORM	(UTMAS-P-0001)	(CONTINUED)
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DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE
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LATAR MANEUVER AREA INVENTORY DATA FORM (UTMAS-P-0001)

SUBMITTED BY: D. J. Hashagen, Sr., DRCO, AV 484-2102

	TYPE MANEUV	ER AREA:
Х	Infantry X	Electronic Warfare
x	Artillery	Amphibious Exercises
X	Armor (LAVs, AAVs, Tanks)	MAGTF FTX
	Combined Arms	Air-to-Ground Operations
X	Communications Exercises	Other
x	Logistics Exercises	Other

MANEUVER AREA NAME AND LOCATION: GF, MCB, Camp Lejeune, NC

INSTRUCTIONS:

-- One form for each maneuver area

-- Fill in data elements as appropriate -- Use right column for new or improved maneuver areas needed

DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Range Shape and Dimensions Dimensions (km) Primary Direction of Fire	5.5 sq km	G-10 expansion	
Coordinates	TP9030 to TP8934 to TP9432 to TP9533		
Associated Air Space Altitude (ft) Ingress and Egress Routes	R-5306D 17,999 W to S	 	
Access No. of Land Access Routes No. of Land Water Routes No. of Air Ingress Routes No. of Air Egress Routes No. of Beach Access Areas	1		

FILE NAME: UP010065 PAGE 1 OF 5 DATE: 03/05/87

MANEUVER AREA MANAGER: D. J. Hashagen, Sr.



LATAR MANEUVER	AREA	INVENTORY	DATA	FORM	(UTMAS-P-	0001)	(CONTINUED)	
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DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Climate Seasonal Tropic Temperate Arctic Desert All-Weather (Indoor) Other	x	NOT ₆ APPLICABLE	NOT APPLICABLE
Terrain Type Percentage Mountainous Percentage Rolling Percentage Swamp Percentage Desert Percentage Beach Percentage Level Percentage Water	80 .	NOT APPLICABLE	NOT APPLICABLE
Soil Type Percentage Rock Percentage Sand Percentage Clay Percentage Swamp/Marsh Percentage Loamy Percentage Other	85	NOT APPLICABLE	NOT APPLICABLE
Vegetation Percentage None Percentage Sparse Percentage Moderate Percentage Heavy	30 30		

FILE NAME: UP010065 PAGE 2 OF 5 DATE: 03/05/87

MANEUVER AREA MANAGER: D. J. Hashagen, Sr.

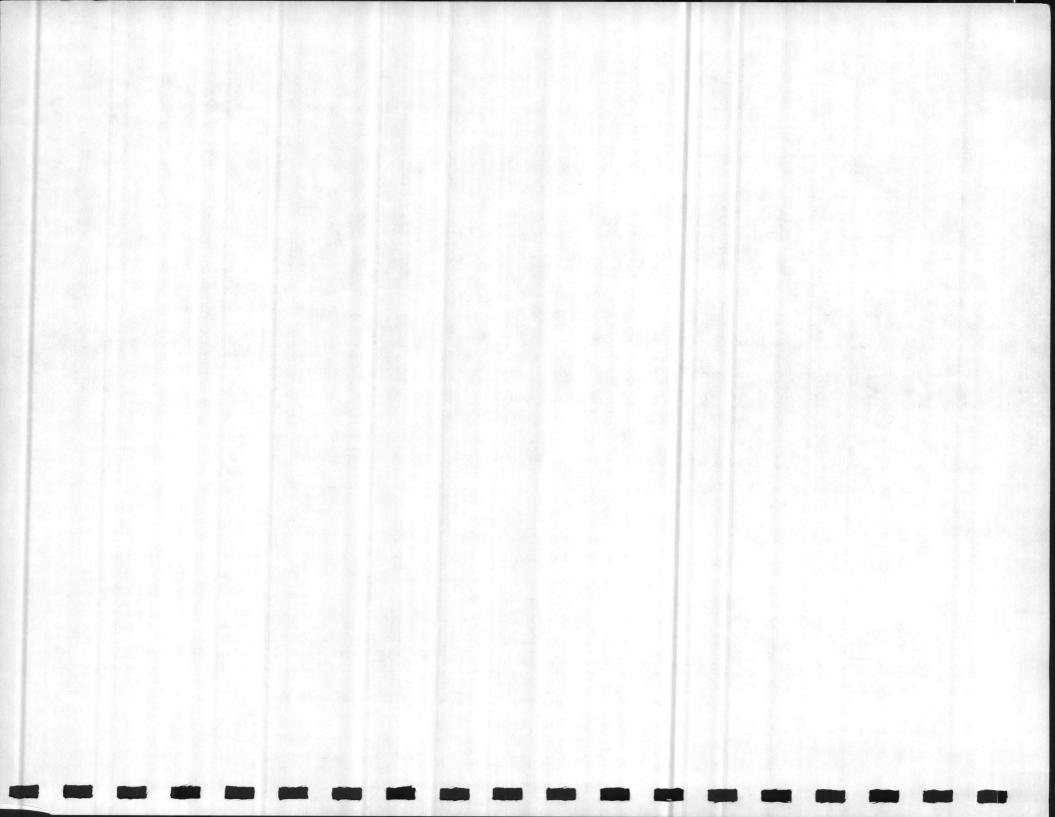


LATAR M	ANEUVER	AREA	INVENTORY	DATA	FORM	(UTMAS-P-0001)	(CONTINUED)
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PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
3 2 15		
335		
30 30 30	0	
Yes		
GA-4		
	3 2 15 335 30 30 Yes	PRESENT CHARACTERISTICS (INCLUDE YEAR) 3

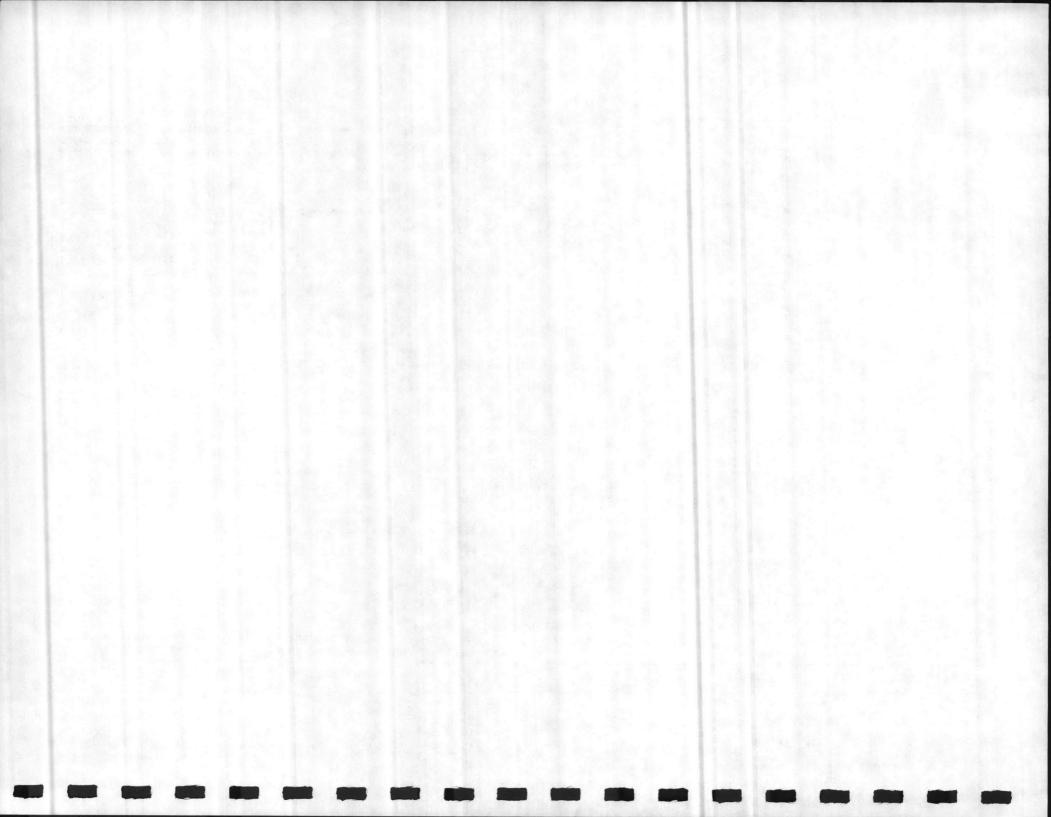
FILE NAME: UP010065 PAGE 3 OF 5 DATE: 03/05/87

MANEUVER AREA MANAGER: D. J. Hashagen, Sr._



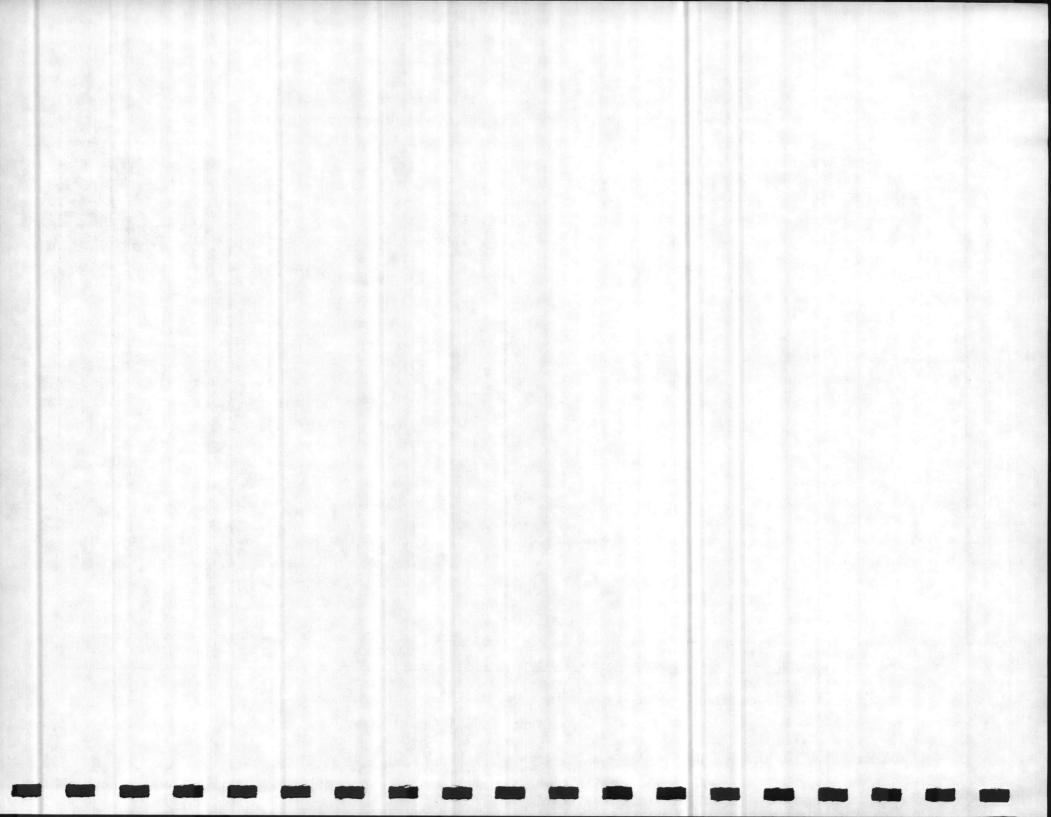
LATAR MANEU	VER AREA	INVENTORY	DATA	FORM	(UTMAS-P-0001)	(CONTINUED)	

Are There Site-unique Peatures (Maivers to Man- euver Area Standards, Safety, etc.)? Yes, No, Explain G-A4 Demolitions Range (L2 Crow) Are There Site-unique Re- quirements Placed on Using Units? Yes, No, Explain GP-15 TF942338 GP-17 TP915322 GP-22 TF908308 GP-22 TF908308 GP-22 TF908308 GP-22 TF908324 G-10 Expansion GP-17 TF942338 GP-17 TF915322 GP-18 TF933324 GP-18 TF933324 GP-18 TF933324 GP-18 TF933324 Distance from Supply Points POL (km)	DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
quirements Placed on Using Units?GP-17 TP915322 (GP-18 TP933324 GP-18 TP933324 GP-17 TP915322 GP-17 TP915322 GP-17 TP915322 GP-18 TP933324 GP-18 TP933324 	Features (Waivers to Man- euver Area Standards, Safety, etc.)?			
POL (km)	quirements Placed on Using Units? Yes, No, Explain	GP-17 TP915322 GP-18 TP933324 GP-22 TP908308	GP-15 TP942338 GP-17 TP915322 GP-18 TP933324	
Restrictions on Maneuver Area Use Environmental AICUZ FAA Noise Gas/Chemical Yrotechnics/Flare Time of Day Time of Year X Tree harvest	POL (km) Ammunition (km)	5	· · · · · · · · · · · · · · · · · · ·	
	Restrictions on Maneuver Area Use Environmental	X X X Tree harvest		



DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE
		No. Marking a series	
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	State State State State		
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LATAR MANEUVER AREA INVENTORY DATA FORM (UTMAS-P-0001)

SUBMITTED BY: D. J. Hashagen, Sr., DRCO, AV 484-2102

	TYPE MAN	EUVER AREA:
X	Infantry	X Electronic Warfare
X	Artillery	X Amphibious Exercises
X	Armor (LAVs, AAVs, Tanks)	X MAGTF FTX
	Combined Arms	Air-to-Ground Operations
X	Communications Exercises	Other
x	Logistics Exercises	Other

MANEUVER AREA NAME AND LOCATION: GG, MCB, Camp Lejeune, NC

INSTRUCTIONS:

-- One form for each maneuver area

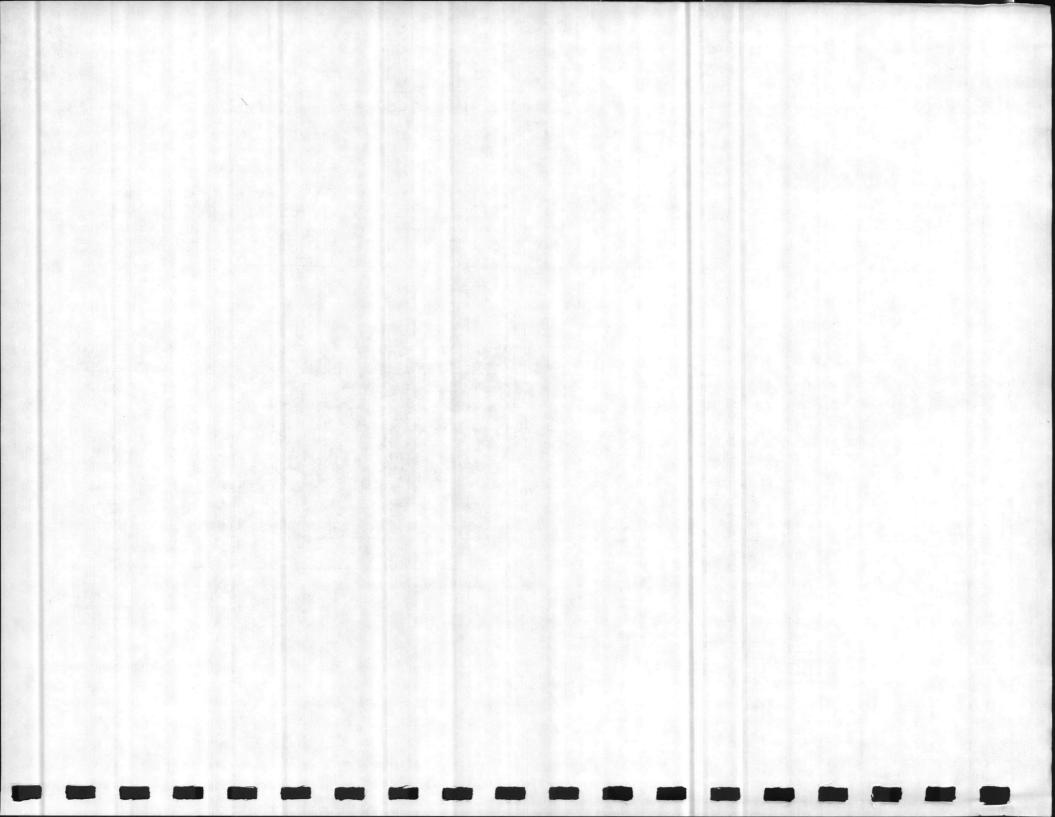
-- Fill in data elements as appropriate

-- Use right column for new or improved maneuver areas needed

DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS
Range Shape and Dimensions Dimensions (km)	7 sq km		
Primary Direction of Fire			
	TP9127 to TP9029 to TP9328 to TP9432		
Associated Air Space Altitude (ft) Ingress and Egress Routes	R-5306D 17,999 W to N	 	· · · · · · · · · · · · · · · · · · ·
Access No. of Land Access Routes			
No. of Land Water Routes No. of Air Ingress Routes			
No. of Air Egress Routes No. of Beach Access Areas	2		

FILE NAME: UP010066 PAGE 1 OF 5 DATE: 03/05/87

MANEUVER AREA MANAGER: D. J. Hashagen, Sr.

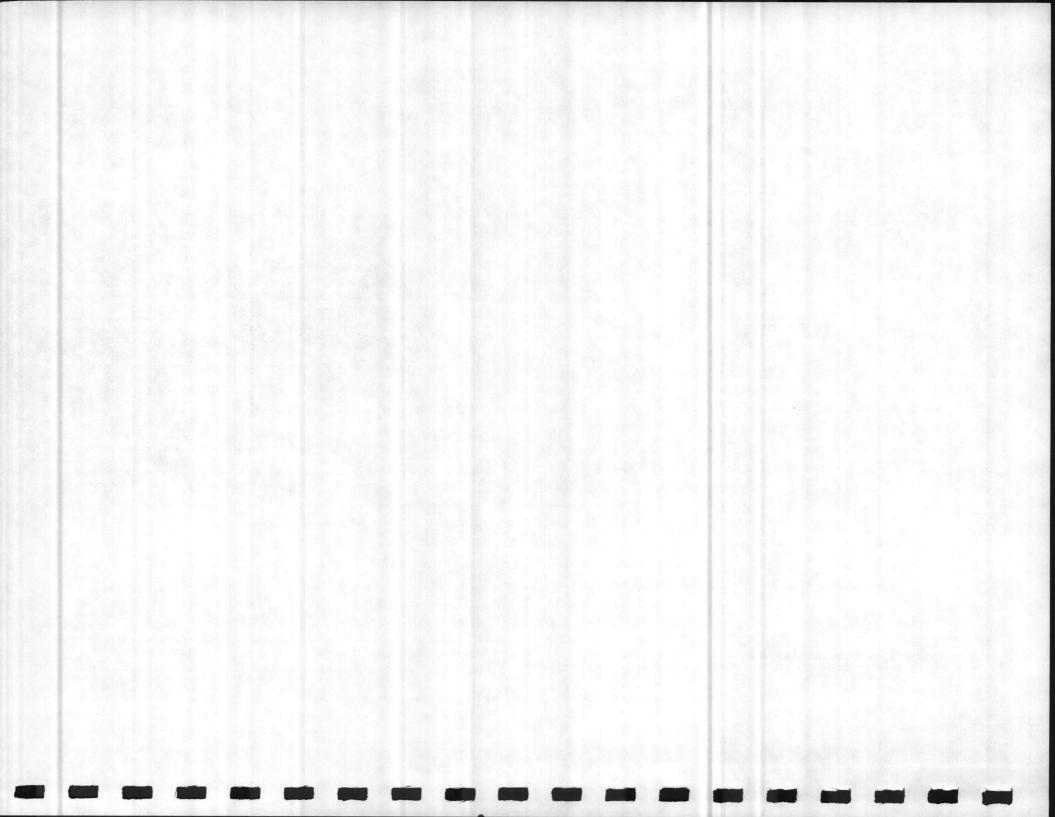


LATAR MANEUV	ER AREA	INVENTORY	DATA	FORM	(UTMAS-P-0001)	(CONTINUED)
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DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Climate Seasonal Tropic Temperate Arctic Desert All-Weather (Indoor) Other	K	NOT «APPLICABLE	NOT APPLICABLE
Terrain Type Percentage Mountainous Percentage Rolling Percentage Swamp Percentage Desert Percentage Beach Percentage Level Percentage Water	15	NOT APPLICABLE	NOT APPLICABLE
Soil Type Percentage Rock Percentage Sand Percentage Clay Percentage Swamp/Marsh Percentage Loamy Percentage Other		NOT APPLICABLE	NOT APPLICABLE
Vegetation Percentage None Percentage Sparse Percentage Moderate Percentage Heavy	20 50		

FILE NAME: UP010066 PAGE 2 OF 5 DATE: 03/05/87

MANEUVER AREA MANAGER: D. J. Hashagen, Sr.



PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
8		
335		
30		0
 Yes		
Undefined		
	3 8 15 335 30 30	PRESENT CHARACTERISTICS (INCLUDE YEAR) 3

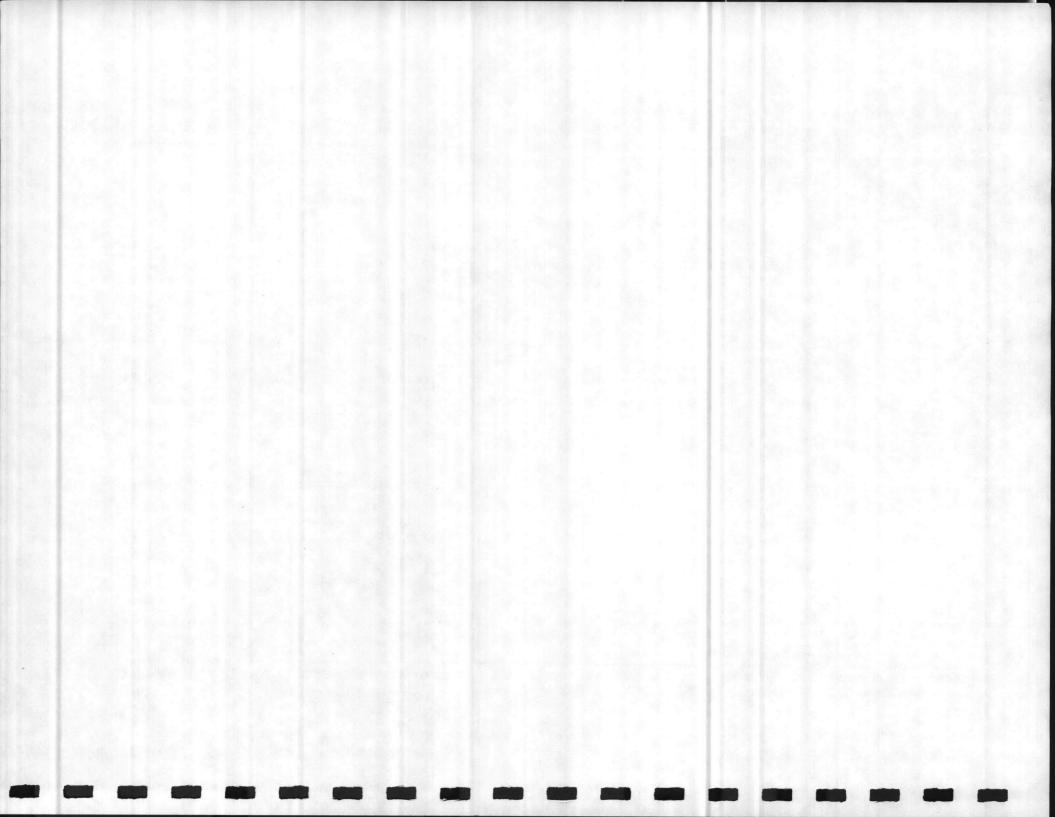
FILE NAME: UP010066 PAGE 3 OF 5 DATE: 03/05/87

MANEUVER AREA MANAGER: D. J. Hashagen, Sr.

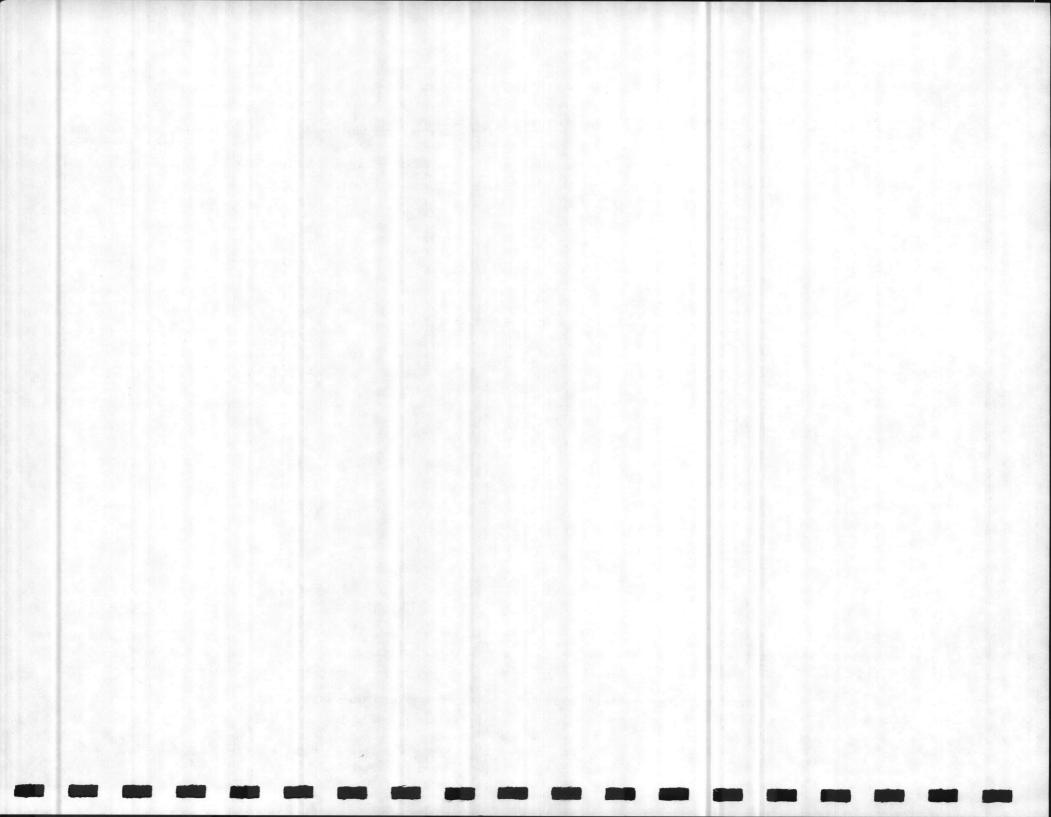


LATAR M	IANEUVER	AREA	INVENTORY	DATA	FORM	(UTMAS-P-0001)	(CONTINUED)
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PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
No		
GP-23 TP91843085 GP-28 TP91202935 GP-32 TP92762990 LZ Falcon TP912287 LZ Goose TP919308		
10 10 10 10 10		
X X X Tree harvest X Fire Conditions		
	No GP-23 TP91843085 GP-28 TP91202935 GP-32 TP92762990 LZ Falcon TP912287 LZ Goose TP919308 	No



DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABL
			-



SUBMITTED BY: D. J. Hashagen, Sr., DRCO, AV 484-2102

TYPE MANEUVER AREA: -----X Electronic Warfare Infantry Artillery Amphibious Exercises Armor (LAVs, AAVs, Tanks) MAGTF FTX Combined Arms Air-to-Ground Operations Communications Exercises Other Logistics Exercises Other

MANEUVER AREA NAME AND LOCATION: GI, MCB, Camp Lejeune, NC

INSTRUCTIONS:

-- One form for each maneuver area

-- Fill in data elements as appropriate -- Use right column for new or improved maneuver areas needed

DESIRED CHARACTERISTICS ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR) (SPECIFY YEAR NEEDED IF APPLICABLE) DATA ELEMENT PRESENT CHARACTERISTICS Range Shape and Dimensions Dimensions (km) 11.25 sq km Primary Direction of Fire TP9533 to TP9534 to TP9635 to Coordinates TP9635 Associated Air Space R-5306D Ingress and Egress Routes... |W to N Access No. of Land Access Routes... |5 No. of Land Water Routes.... No. of Air Ingress Routes ... | No. of Air Egress Routes.... No. of Beach Access Areas...

FILE NAME: UP010067 DATE: 03/05/87 PAGE 1 OF 5

MANEUVER AREA MANAGER: D. J. Hashagen, Sr.___

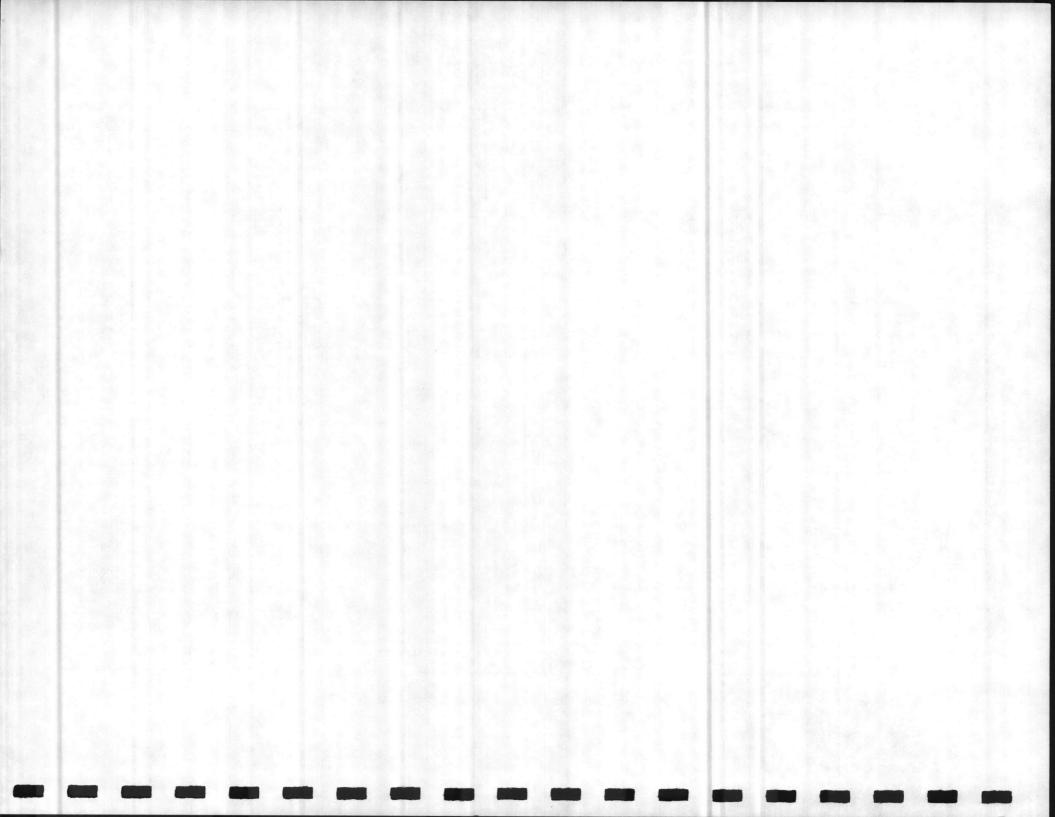
1.34



DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Climate Seasonal Tropic Temperate Arctic Desert All-Weather (Indoor) Other	x	NOT. APPLICABLE	NOT APPLICABLE
Terrain Type Percentage Mountainous Percentage Rolling Percentage Swamp Percentage Desert Percentage Beach Percentage Level Percentage Water	100	NOT APPLICABLE	NOT APPLICABLE
Soil Type Percentage Rock Percentage Sand Percentage Clay Percentage Swamp/Marsh Percentage Loamy Percentage Other	100	NOT APPLICABLE	NOT APPLICABLE
Vegetation Percentage None Percentage Sparse Percentage Moderate Percentage Heavy	130 160		

FILE NAME: UP010067 PAGE 2 OF 5 DATE: 03/05/87

MANEUVER AREA MANAGER: D. J. Hashagen, Sr._



PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
1 5		
335		
30 30 30	0	0
Yes		
G-7	 	
	1 5 335 30 30 Yes	PRESENT CHARACTERISTICS (INCLUDE YEAR) 1

FILE NAME: UP010067 PAGE 3 OF 5 DATE: 03/05/87

MANEUVER AREA MANAGER: D. J. Hashagen, Sr._



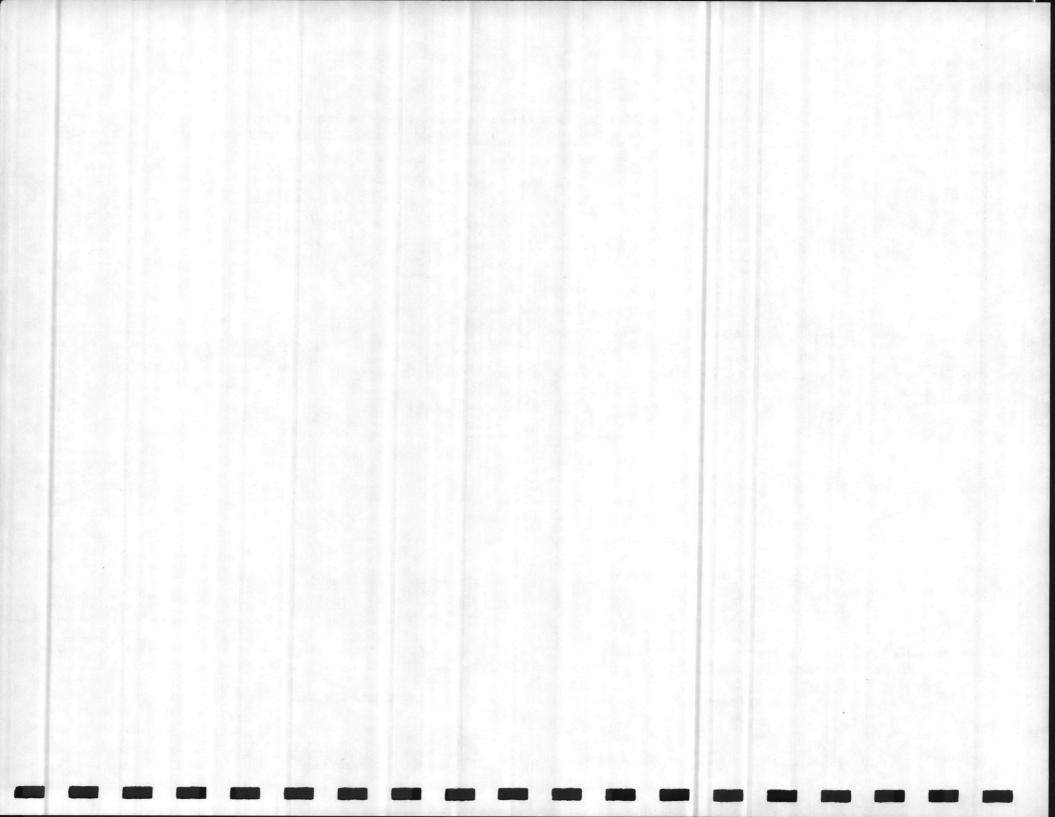
1

PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE
No		
 Yes G-7 ТР959342		
12 10 12 12		
X X X Tree harvest		
	No Yes G-7 TP959342	PRESENT CHARACTERISTICS (INCLUDE YEAR) No



DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE
			· · · · ·
NAME: UP010067	7 MANEUVER AREA MANAGER: D. J		i utmas-

4



SUBMITTED BY: D. J. Hashagen, Sr., DRCO, AV 484-2102

s

MANEUVER AREA NAME AND LOCATION: HA, MCB, Camp Lejeune, NC

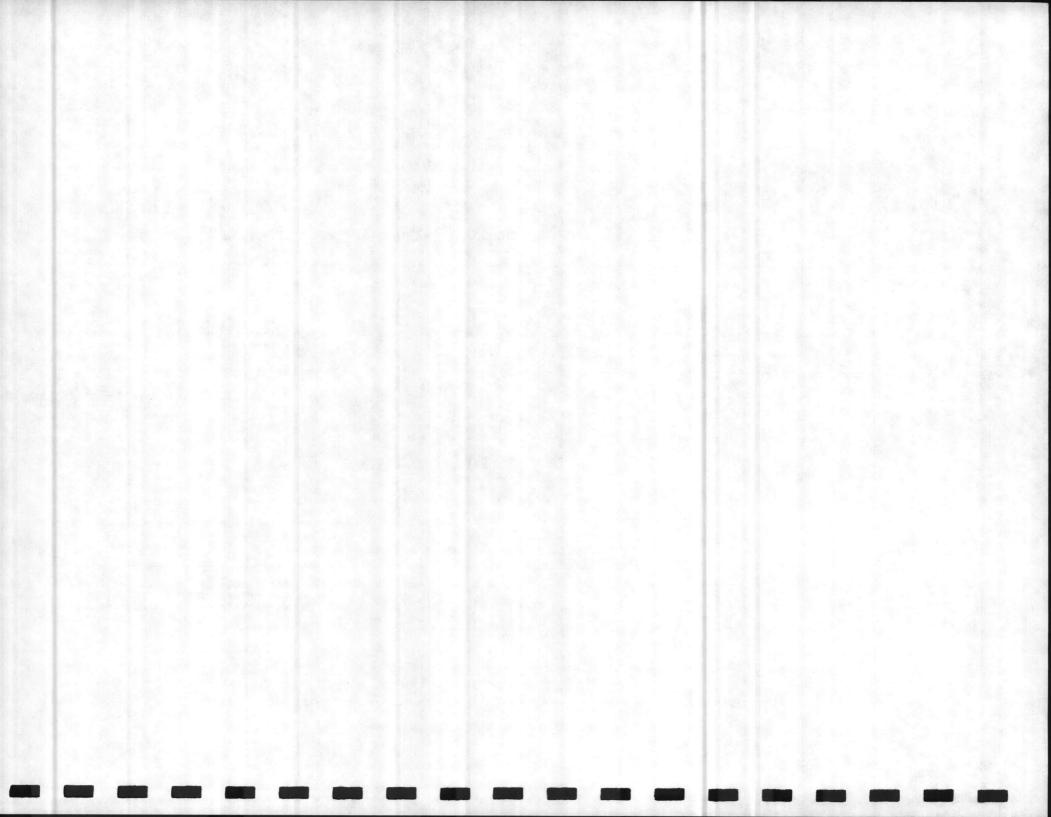
INSTRUCTIONS:

-- One form for each maneuver area

-- Fill in data elements as appropriate -- Use right column for new or improved maneuver areas needed

DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
ange Shape and Dimensions Dimensions (km)	6.2 sg km		
Primary Direction of Fire			
	TP8531 to TP8433 to TP8733 to TP8733		
Associated Air Space Altitude (ft) Ingress and Egress Routes	17,999		•
\CCe58			
No. of Land Access Routes No. of Land Water Routes			
No. of Air Ingress Routes			
No. of Air Egress Routes No. of Beach Access Areas			

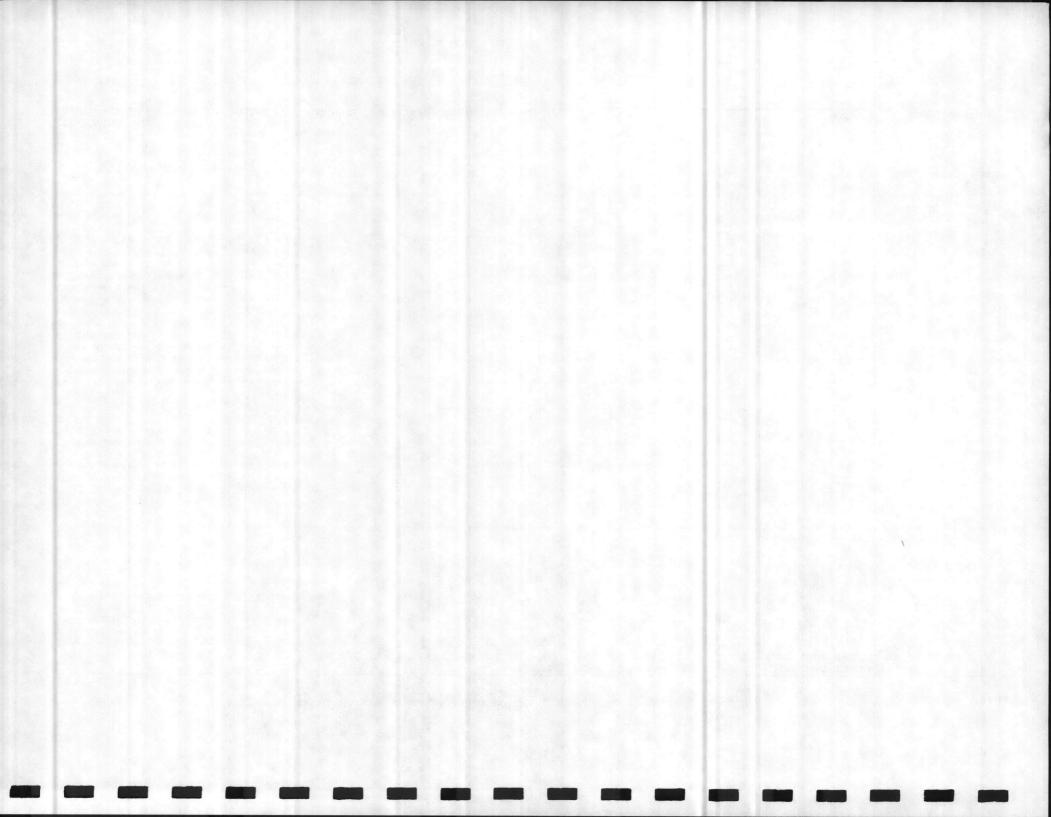
1234



DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Climate Seasonal Tropic Temperate Arctic Desert All-Weather (Indoor) Other	x	NOT _e APPLICABLE	NOT APPLICABLE
Terrain Type Percentage Mountainous Percentage Rolling Percentage Swamp Percentage Desert Percentage Beach Percentage Level Percentage Water	15	NOT APPLICABLE	NOT APPLICABLE
Soil Type Percentage Rock Percentage Sand Percentage Clay Percentage Swamp/Marsh Percentage Loamy Percentage Other	85	NOT APPLICABLE	NOT APPLICABLE
Vegetation Percentage None Percentage Sparse Percentage Moderate Percentage Heavy	30 15	· · · · · · · · · · · · · · · · · · ·	

FILE NAME: UP010068 PAGE 2 OF 5 DATE: 03/05/87

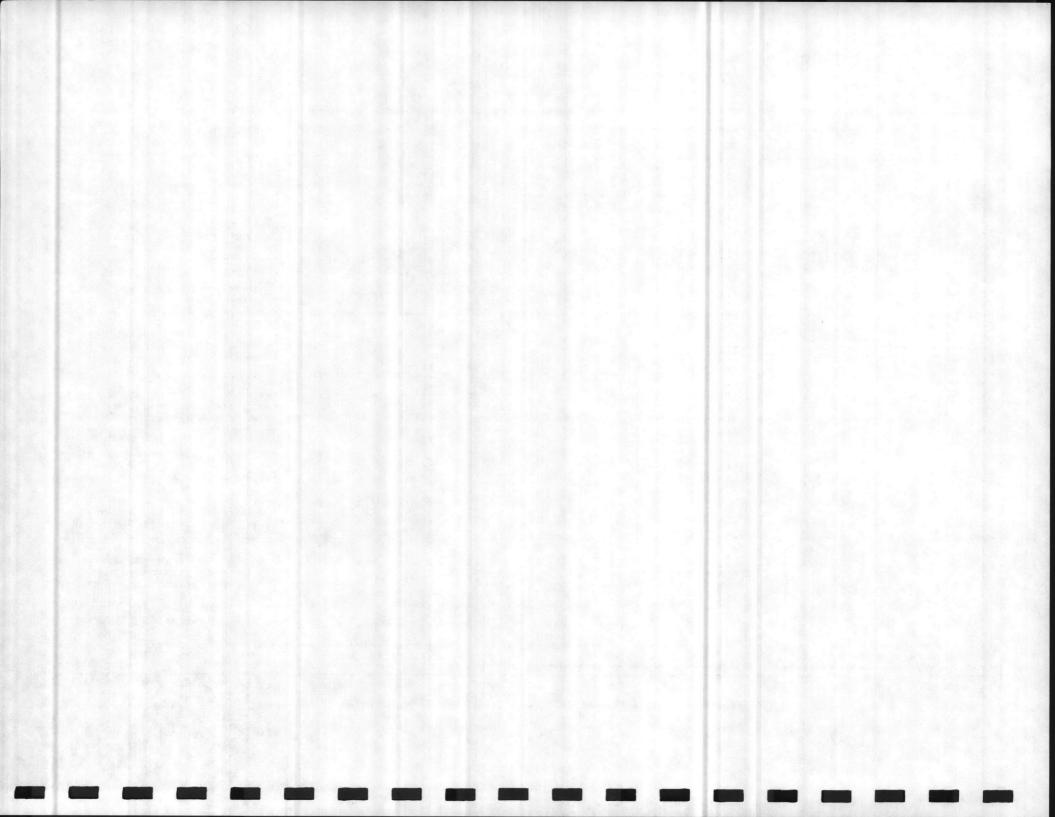
MANEUVER AREA MANAGER: D. J. Hashagen, Sr.



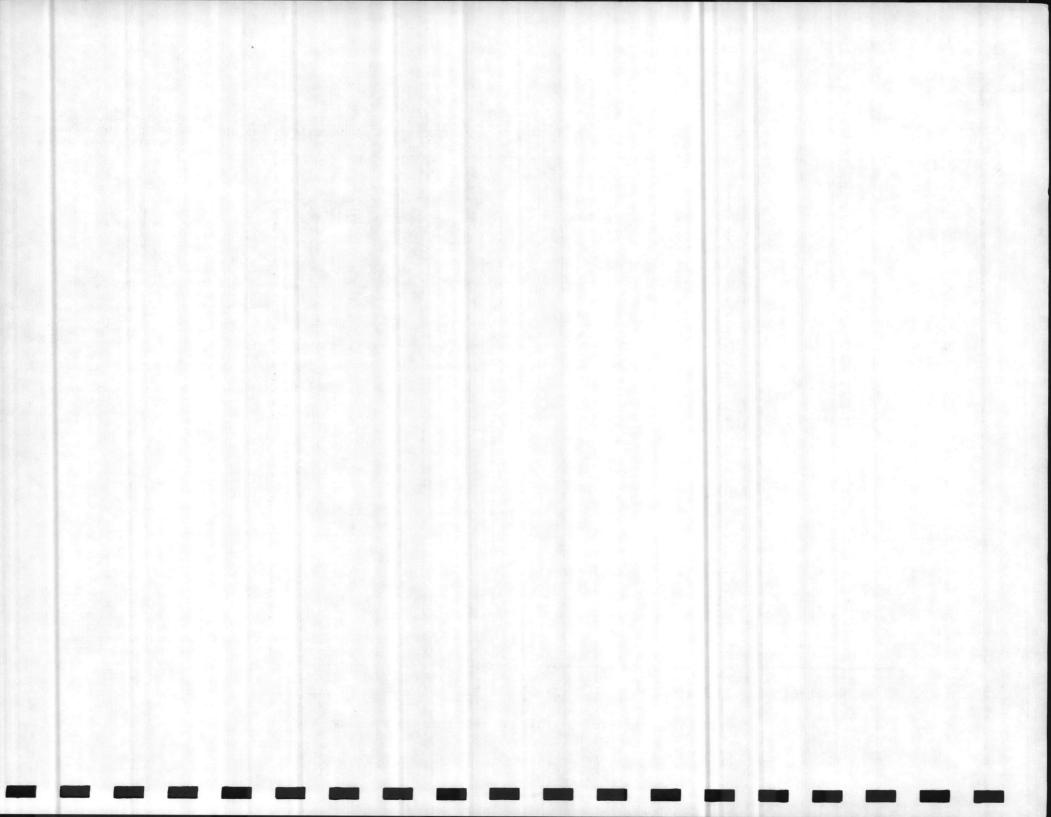
DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
List Capacity of an 8-Hour Training Day. Specify: Unit of Measure, e.g., No. of Bns/Sqdns No. of Aircraft/Helos No. of AAVs/LCACs as Appropriate		· · · · · · · · · · · · · · · · · · ·	
Number of Days per Year the Maneuver Area is Available	335		
Non-availability per Year Total Maintenance Weather Budget Fire Condition/Weather Weekends/Holidays Other	30	0	0
Is the Maneuver Area Capable of Nighttime Use? Yes, No	Yes	·	 ,
Other Maneuver Areas/Ranges Which Must Be Closed When This Maneuver Area is in Use	Undefined		

FILE NAME: UP010068 PAGE 3 OF 5 DATE: 03/05/87

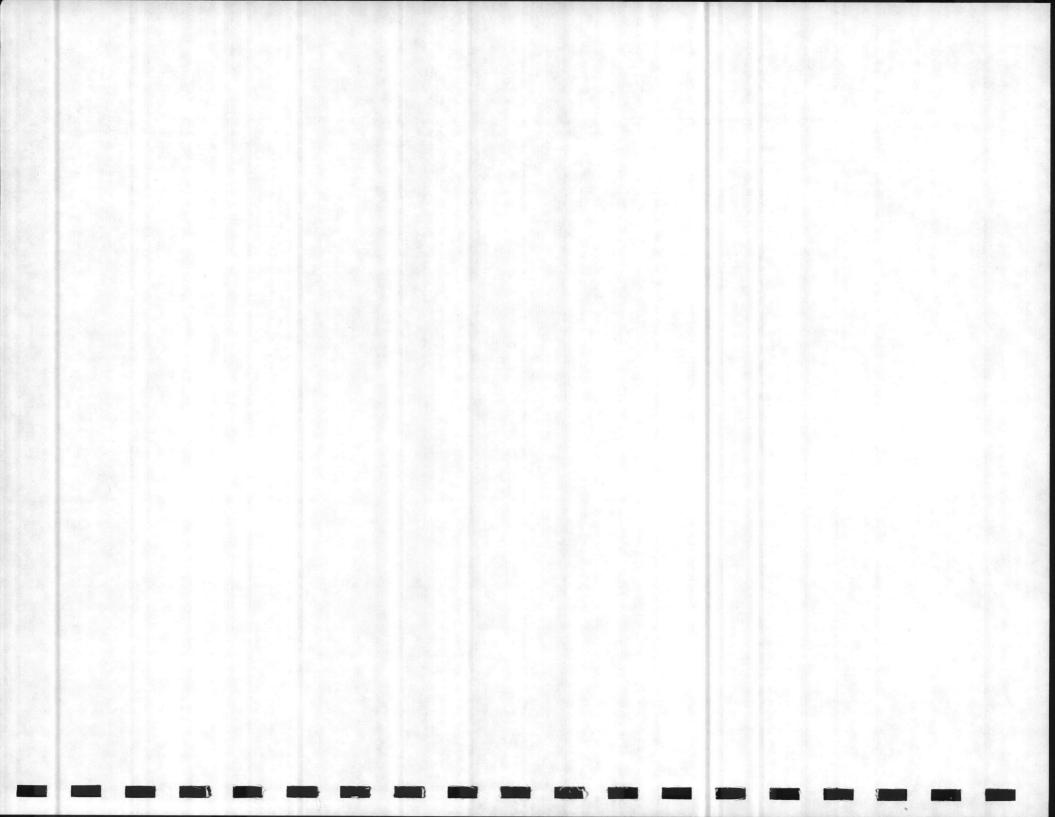
MANEUVER AREA MANAGER: D. J. Hashagen, Sr.



PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE
No		
Yes GP-42 TP854322		
15	 	
x		
		PRESENT CHARACTERISTICS (INCLUDE YEAR) No



DATA ELEMENT PRESE	ENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES ((INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABL
		I.	
		1	김 의 영향님과 관람이 없었네.
		1	
		1	i
		•	



SUBMITTED BY: D. J. Hashagen, Sr., DRCO, AV 484-2102 ----- TYPE MANEUVER AREA: -----Infantry Electronic Warfare х Artillery Amphibious Exercises Armor (LAVs, AAVs, Tanks) MAGTE FTX MANEUVER AREA NAME AND LOCATION: HB, MCB, Camp Lejeune, NC X Combined Arms Air-to-Ground Operations **Communications Exercises** Other Logistics Exercises Other

INSTRUCTIONS:

-- One form for each maneuver area

-- Fill in data elements as appropriate

-- Use right column for new or improved maneuver areas needed

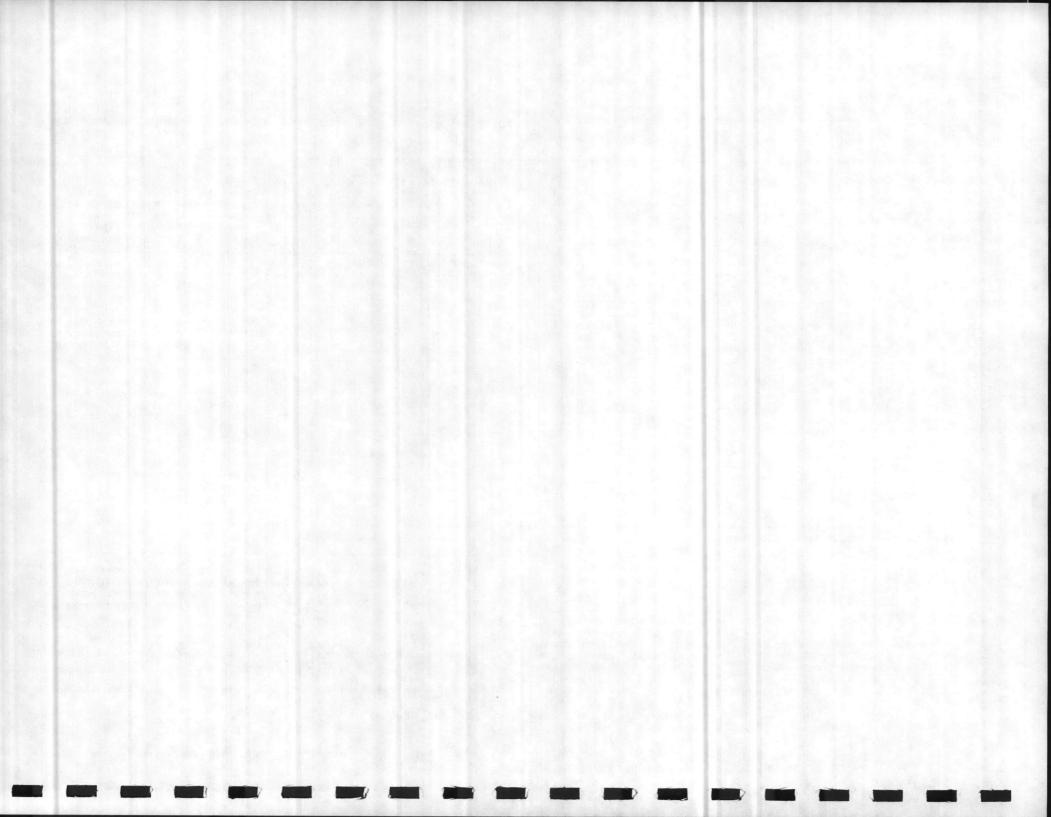
DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Range Shape and Dimensions Dimensions (km)	5.2 sq km		
Primary Direction of Fire			
Coordinates	TP876315 (center of mass)		
Associated Air Space Altitude (ft) Ingress and Egress Routes	R-5306D 17,999 W to S		
Access			
No. of Land Access Routes			
No. of Land Water Routes No. of Air Ingress Routes			
No. of Air Egress Routes			
No. of Beach Access Areas			

FILE NAME: UP010069 PAGE 1 OF 5 DATE: 03/05/87

MANEUVER AREA MANAGER: D. J. Hashagen, Sr.

UTMAS-P-0001

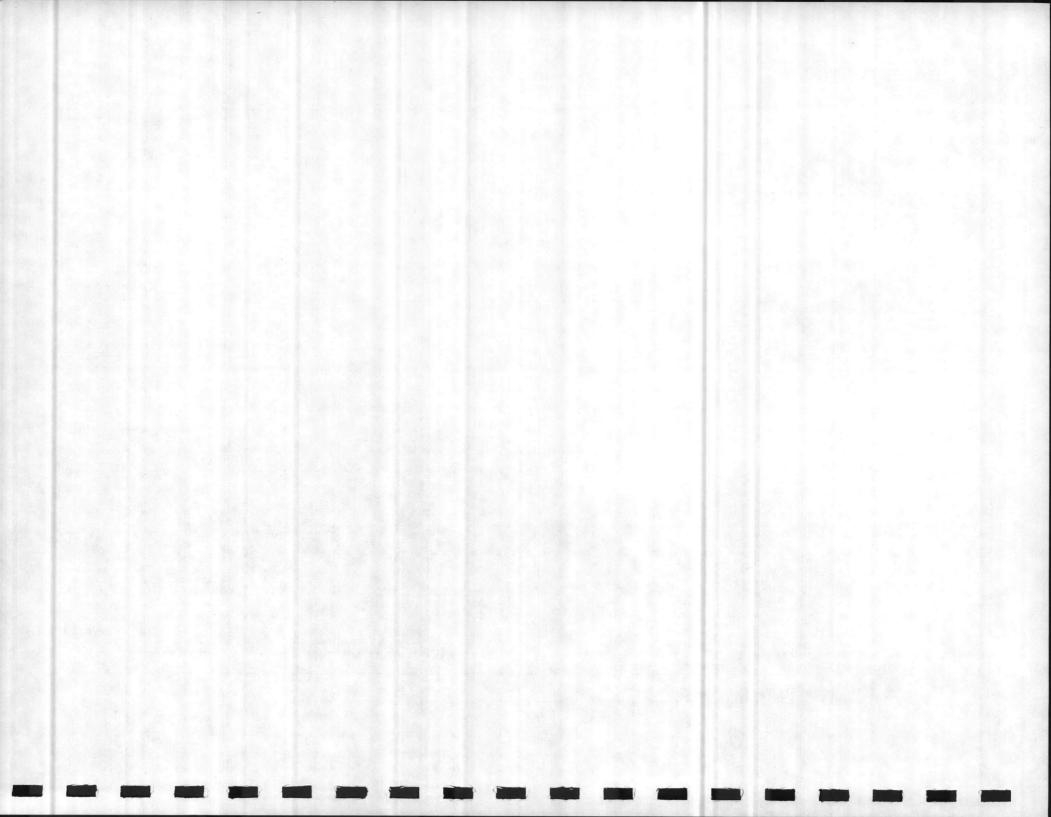
dillo.



DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Climate SeasonalX Tropic Temperate Arctic Desert All-Weather (Indoor) Other		NOT ₈ APPLICABLE	NOT APPLICABLE
Terrain Type Percentage Mountainous Percentage Rolling	0	NOT APPLICABLE	NOT APPLICABLE
Soil Type Percentage Rock Percentage Sand 5 Percentage Clay 5 Percentage Swamp/Marsh 5 Percentage Loamy Percentage Other		NOT APPLICABLE	NOT APPLICABLE
Vegetation Percentage None	0		

FILE NAME: UP010069 PAGE 2 OF 5 DATE: 03/05/87

MANEUVER AREA MANAGER: D. J. Hashagen, Sr.

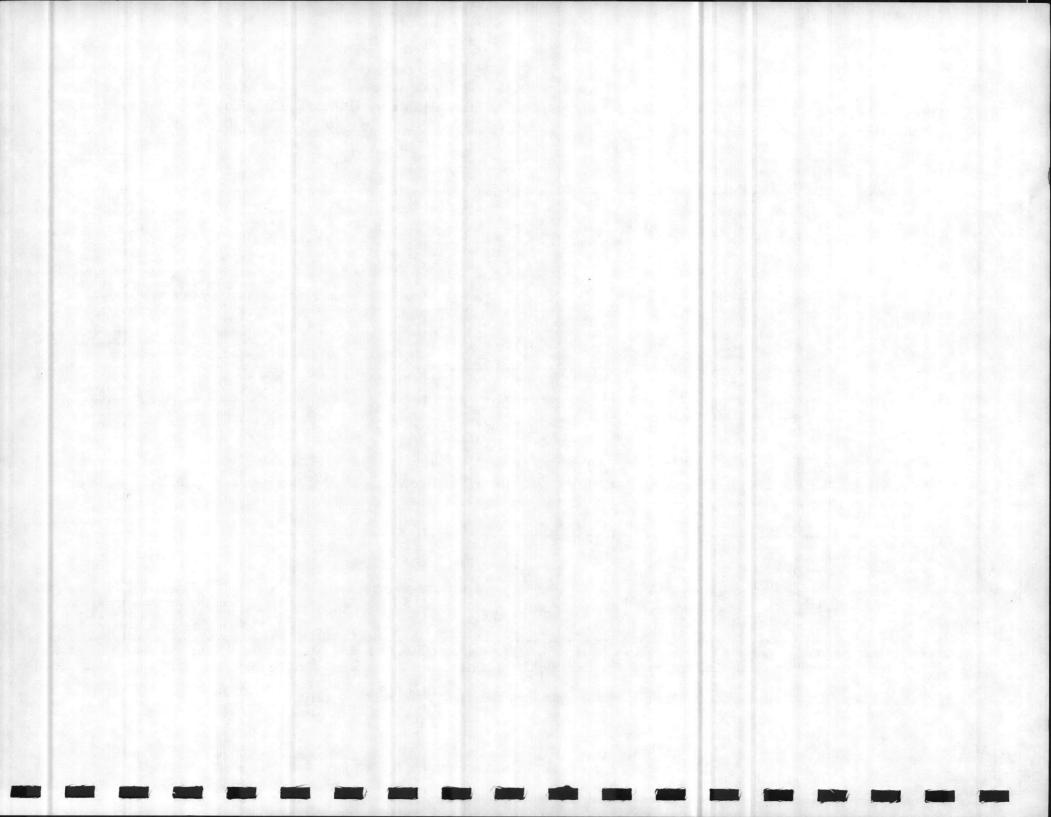


LATAR MAN	EUVER AREA	INVENTORY	DATA	FORM	(UTMAS-P-0001)	(CONTINUED)

PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
3 5 15		
335		
30	0	
 Yes 	·	 ,
Undefined		
	3 5 15 335 30 30 Yes	PRESENT CHARACTERISTICS (INCLUDE YEAR) 33

FILE NAME: UP010069 PAGE 3 OF 5 DATE: DATE: 03/05/87

MANEUVER AREA MANAGER: D. J. Hashagen, Sr.

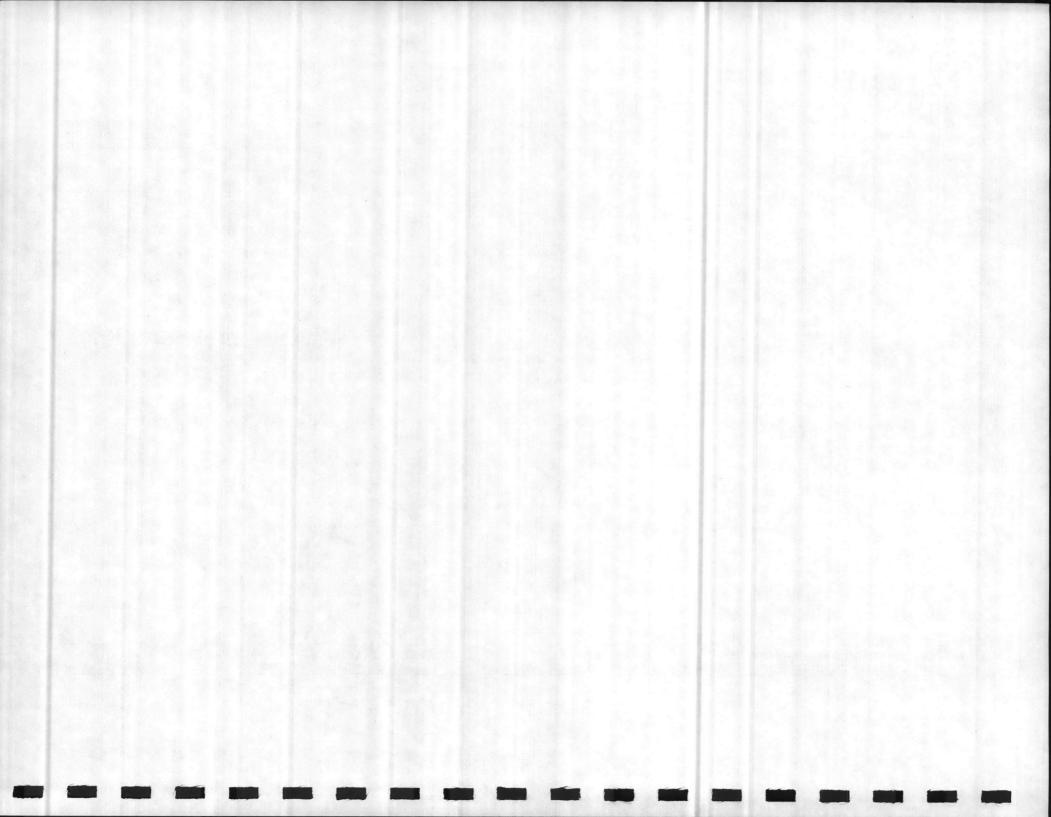


odo TP887308 ove TP859307 at Town TP889319 ove TP859307 1 TP887308		
	·····	· · · · · · · · · · · · · · · · · · ·
odpecker habitat ee harvest re Conditions		
	ove TP859307 at Town TP889319 ove TP859307 1 TP887308 	ove TP859307 at Town TP889319 ove TP859307 1 TP887308



DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE
	A Martin State of States		
	1		

.



SUBMITTED BY: D. J. Hashagen, Sr., DRCO, AV 484-2102

	TYPE MAN	NEUVER	AREA:
X	Infantry	X	Electronic Warfare
x	Artillery		Amphibious Exercises
X	Armor (LAVs, AAVs, Tanks)	and all all a	MAGTF FTX
x	Combined Arms		Air-to-Ground Operations
x	Communications Exercises		Other
x	Logistics Exercises		Other
Contra a Sector		0.000	

MANEUVER AREA NAME AND LOCATION: HC, MCB, Camp Lejeune, NC

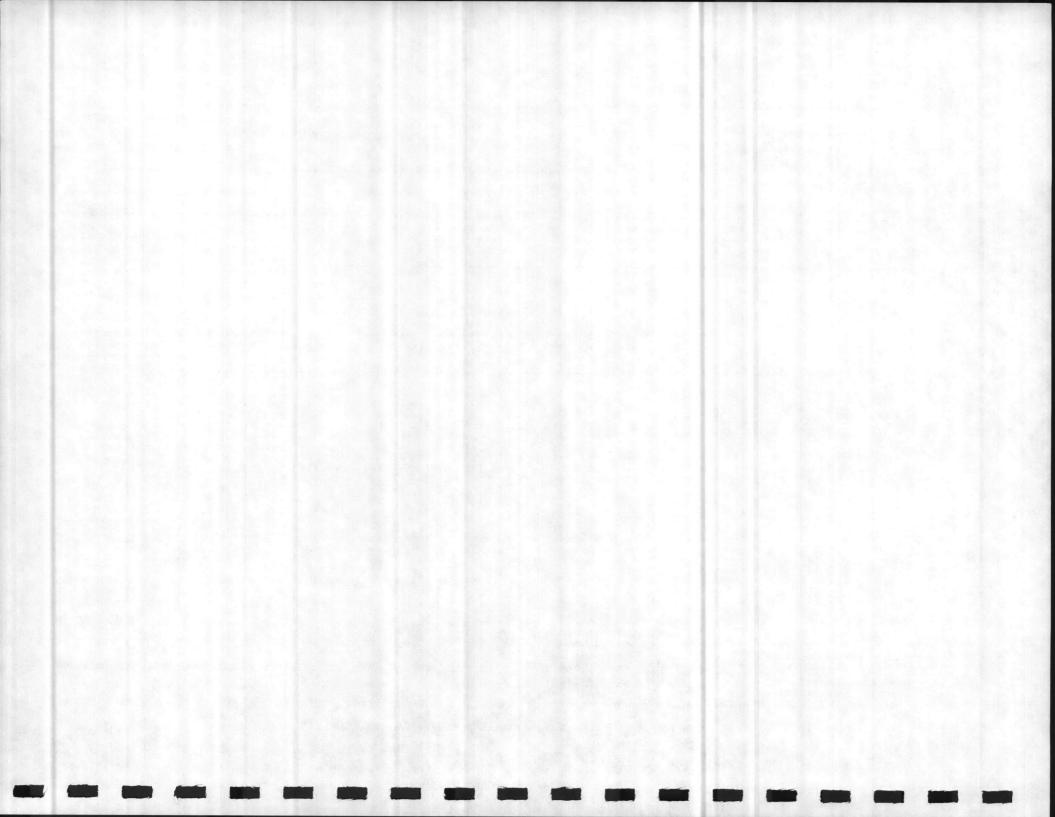
INSTRUCTIONS:

-- One form for each maneuver area

-- Fill in data elements as appropriate

-- Use right column for new or improved maneuver areas needed

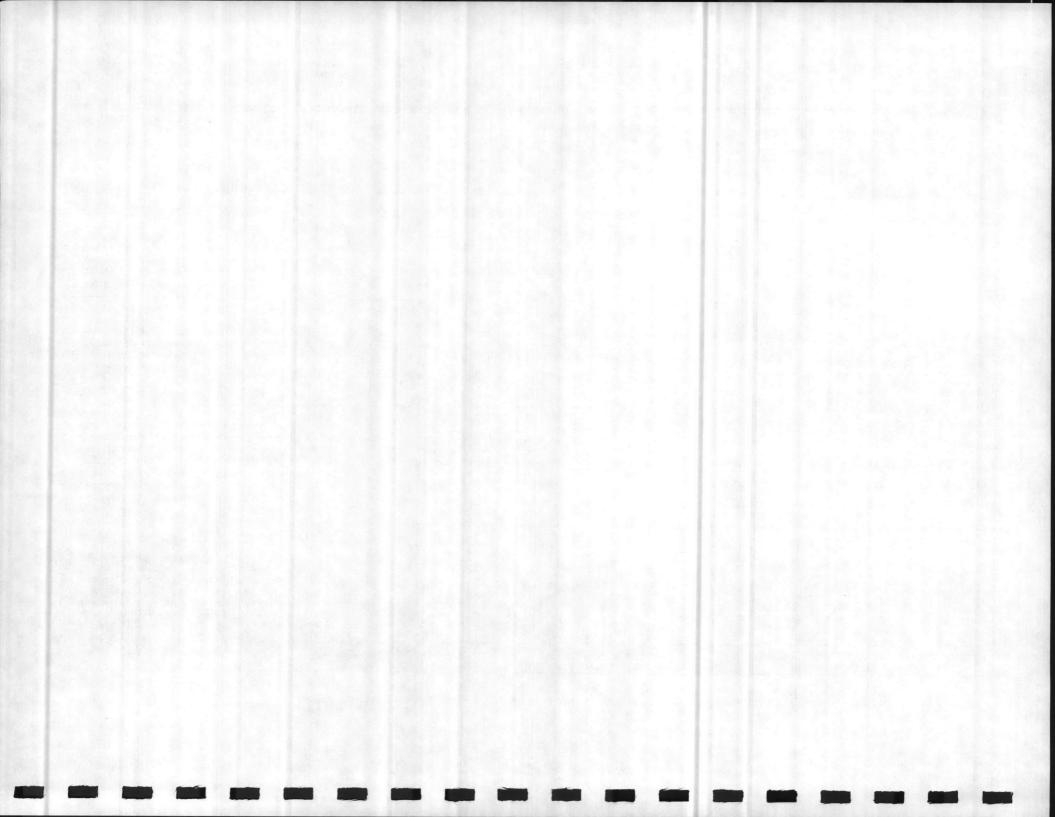
DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Range Shape and Dimensions Dimensions (km) Primary Direction of Fire	6.5 sq km		
Coordinates	TP8030 to TP8031 to TP8433 to TP8531		
Associated Air Space Altitude (ft) Ingress and Egress Routes	17,999		
Access No. of Land Access Routes No. of Land Water Routes No. of Air Ingress Routes No. of Air Egress Routes No. of Beach Access Areas	2		
No. of Air Egress Routes		······	UTMAS-P-0



DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)	
Climate Seasonal	K	NOT: APPLICABLE	NOT APPLICABLE	
Terrain Type Percentage Mountainous Percentage Rolling Percentage Swamp Percentage Desert Percentage Beach Percentage Level	10	NOT APPLICABLE	NOT APPLICABLE	
Soil Type Percentage Rock Percentage Sand Percentage Clay Percentage Swamp/Marsh Percentage Loamy Percentage Other		NOT APPLICABLE	NOT APPLICABLE	
Vegetation Percentage None Percentage Sparse Percentage Moderate Percentage Heavy	60			

FILE NAME: UP010070 PAGE 2 OF 5 DATE: 03/05/87

MANEUVER AREA MANAGER: D. J. Hashagen, Sr.



PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE
3 15		
335		
30 30 30		
Yes		
Undefined		
	3 15 335 30 30 Yes	PRESENT CHARACTERISTICS (INCLUDE YEAR) 3

FILE NAME: UP010070

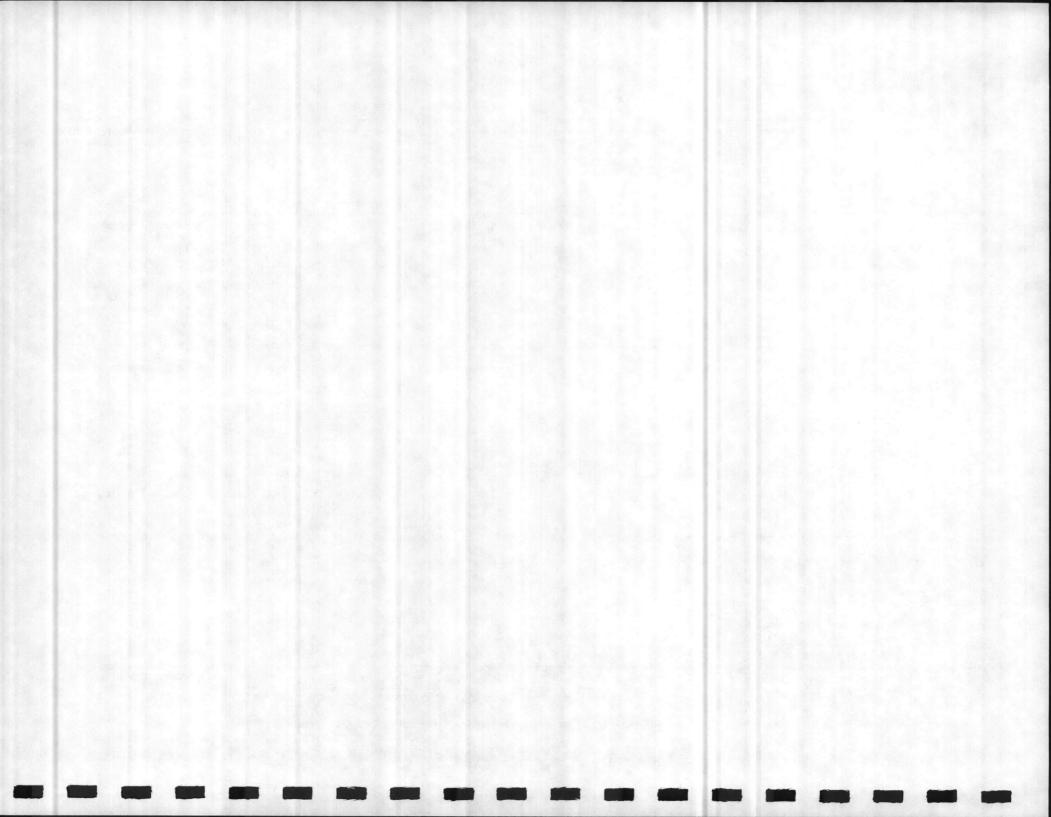
MANEUVER AREA MANAGER: D. J. Hashagen, Sr._

UTMAS-P-0001

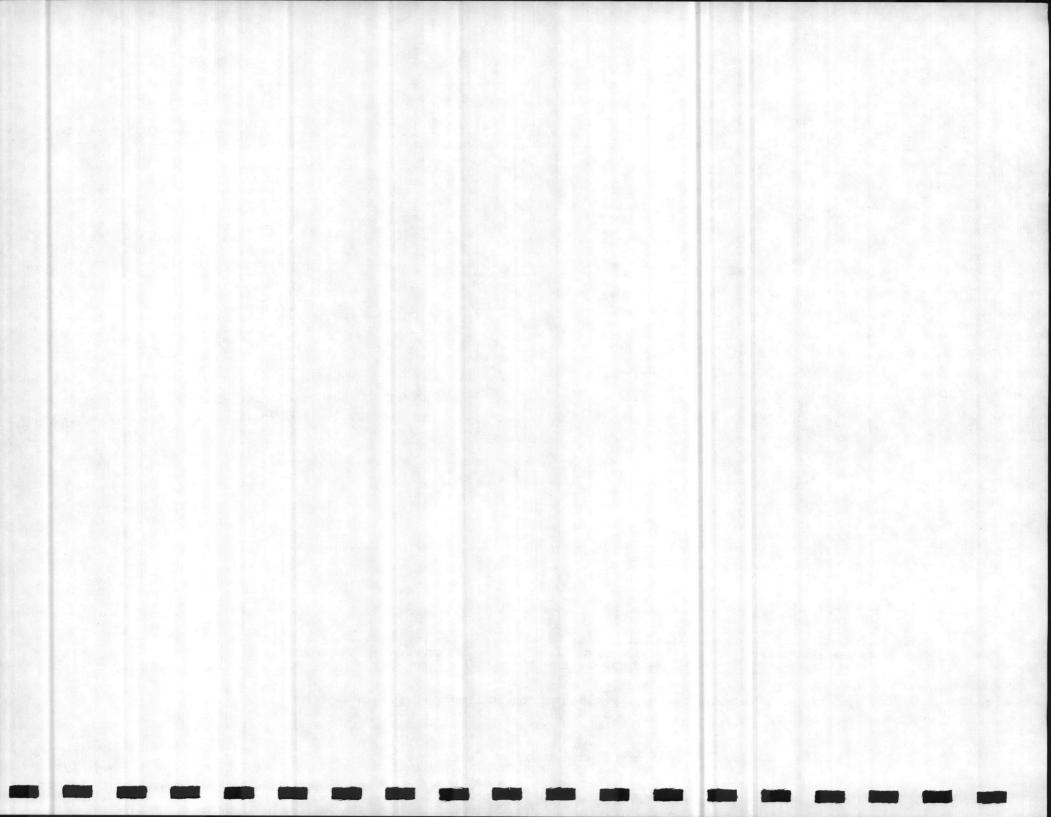
PAGE 3 OF 5 DATE: 03/05/87



DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
re There Site-unique Features (Waivers to Man- euver Area Standards, Safety, etc.)? Yes, No, Explain	No		
re There Site-unique Re- quirements Placed on Using Units? Yes, No, Explain	 No	•	
stance from Supply Points POL (km) Ammunition (km) Rations (km)	7		
estrictions on Maneuver Area Use Environmental AICUZ FAA Noise. Gas/Chemical Pyrotechnics/Flare Time of Day Time of Year.	X		



DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE
			a contract the data of the
		•	



SUBMITTED BY: D. J. Hashagen, Sr., DRCO, AV 484-2102

	TYPE MAI	NEUVER	AREA:
Х	Infantry.	X	Electronic Warfare
х	Artillery	125.8	Amphibious Exercises
X	Armor (LAVs, AAVs, Tanks)		MAGTF FTX
	Combined Arms		Air-to-Ground Operations
X	Communications Exercises		Other
x	Logistics Exercises		Other

MANEUVER AREA NAME AND LOCATION: HD, MCB, Camp Lejeune, NC

INSTRUCTIONS:

-- One form for each maneuver area

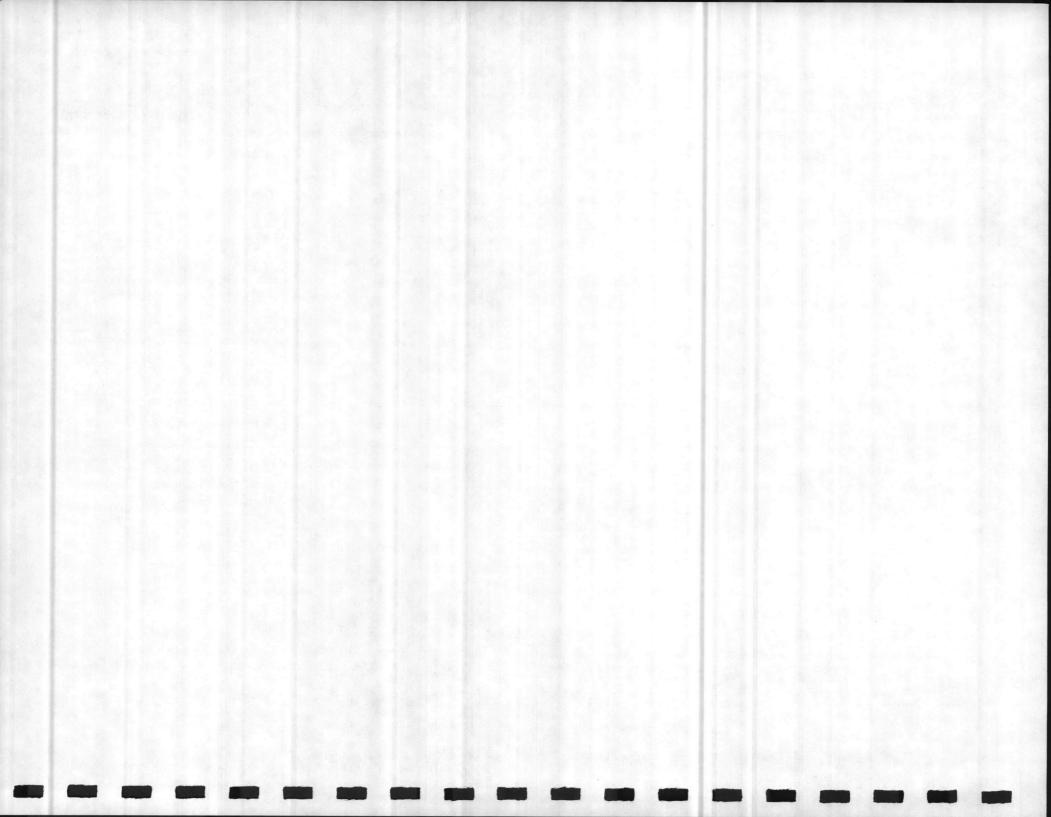
-- Fill in data elements as appropriate -- Use right column for new or improved maneuver areas needed

DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Range Shape and Dimensions Dimensions (km)	2 sq km	*.	
	TP8535 to TP8536 to TP8733 to TP8735		
Associated Air Space Altitude (ft) Ingress and Egress Routes	17,999	 ,	· ·
Access No. of Land Access Routes No. of Land Water Routes No. of Air Ingress Routes No. of Air Egress Routes No. of Beach Access Areas	1 1 1		

PAGE 1 OF 5

DATE: 03/05/87

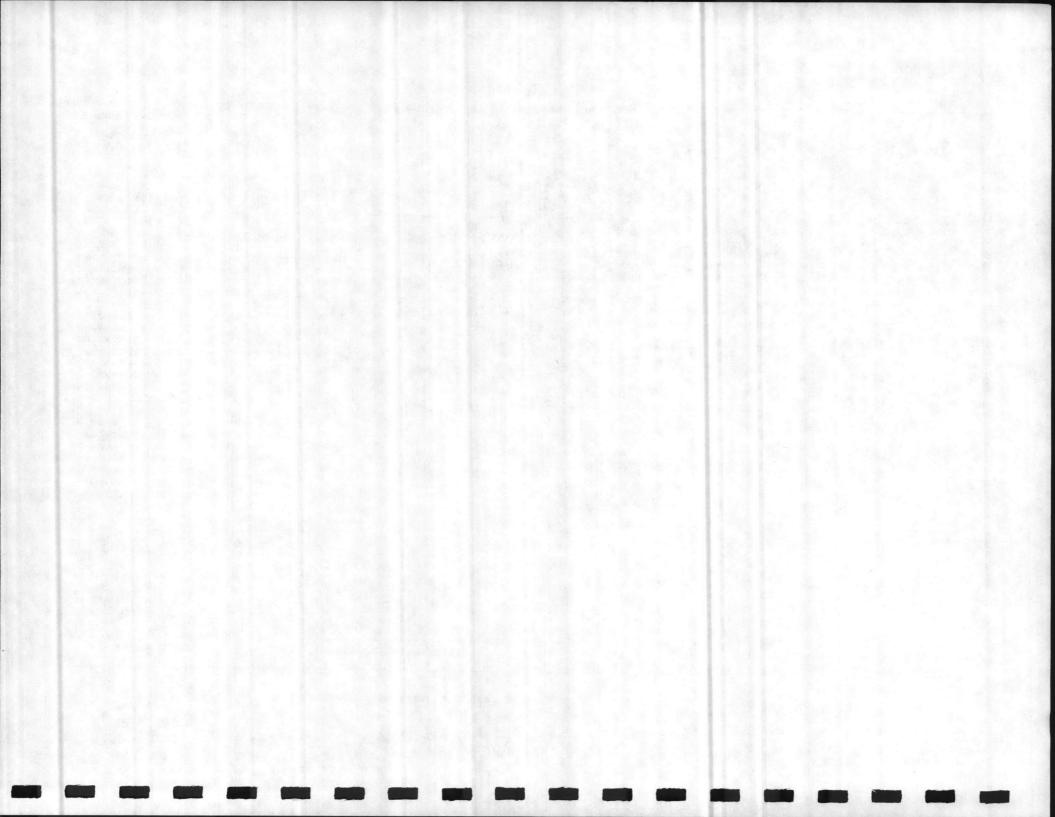
MANEUVER AREA MANAGER: D. J. Hashagen, Sr.



DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Climate SeasonalX Tropic Temperate Arctic Desert All-Weather (Indoor) Other		NOT APPLICABLE	NOT APPLICABLE
Terrain Type Percentage Mountainous Percentage Rolling		NOT APPLICABLE	NOT APPLICABLE
Soil Type Percentage Rock		NOT APPLICABLE	NOT APPLICABLE
Vegetation Percentage None		· · · · · · · · · · · · · · · · · · ·	

FILE NAME: UP010071 PAGE 2 OF 5 DATE: 03/05/87

MANEUVER AREA MANAGER: D. J. Hashagen, Sr.

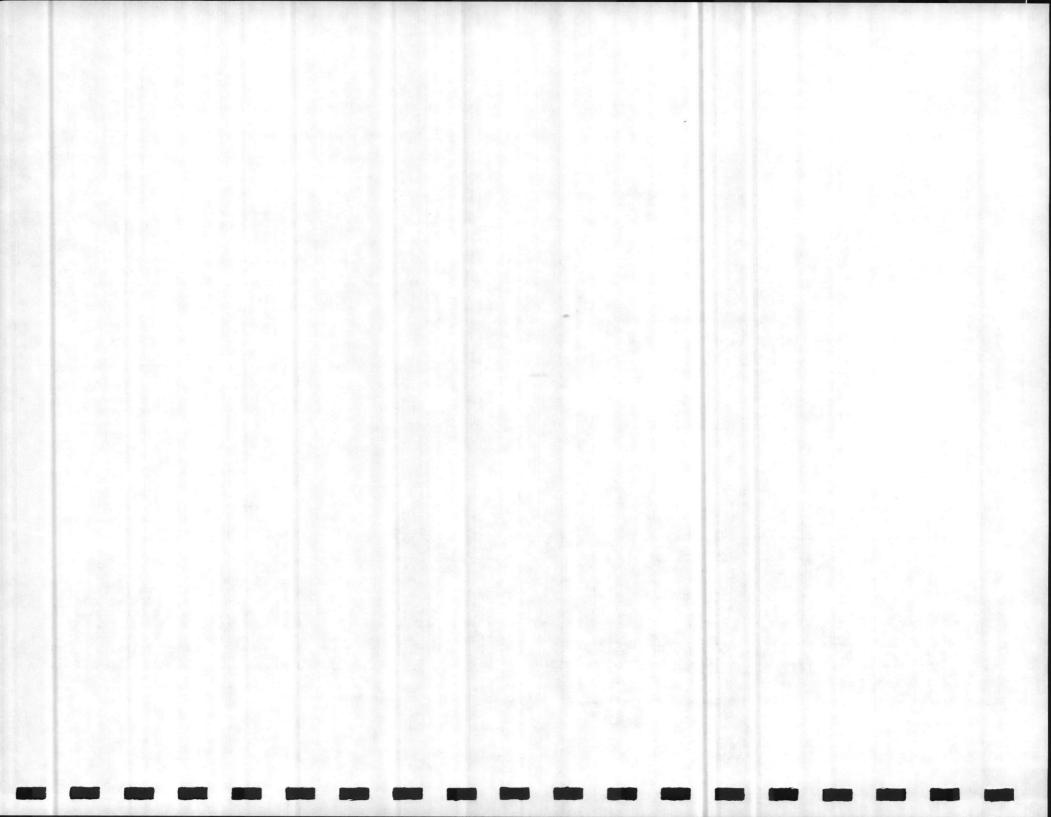


LATAR	MANEUVER	AREA	INVENTORY	DATA	FORM	(UTMAS-P-000	1) (CONTINUED)
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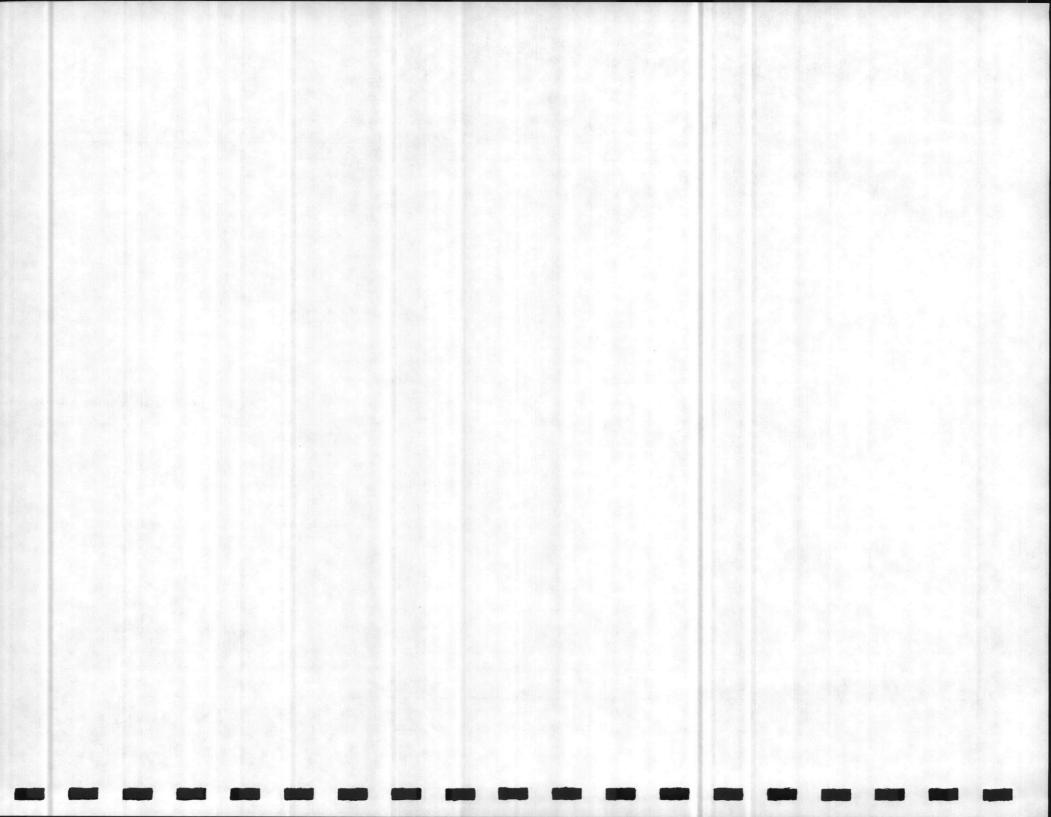
PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
13	· · · · · · · · · · · · · · · · · · ·	
 335 		
30	0	0
 Yes 	· · · · · · · · · · · · · · · · · · ·	
Undefined		
	3 3 15 	PRESENT CHARACTERISTICS (INCLUDE YEAR) 3

FILE NAME: UP010071 PAGE 3 OF 5 DATE: 03/05/87

MANEUVER AREA MANAGER: D. J. Hashagen, Sr.

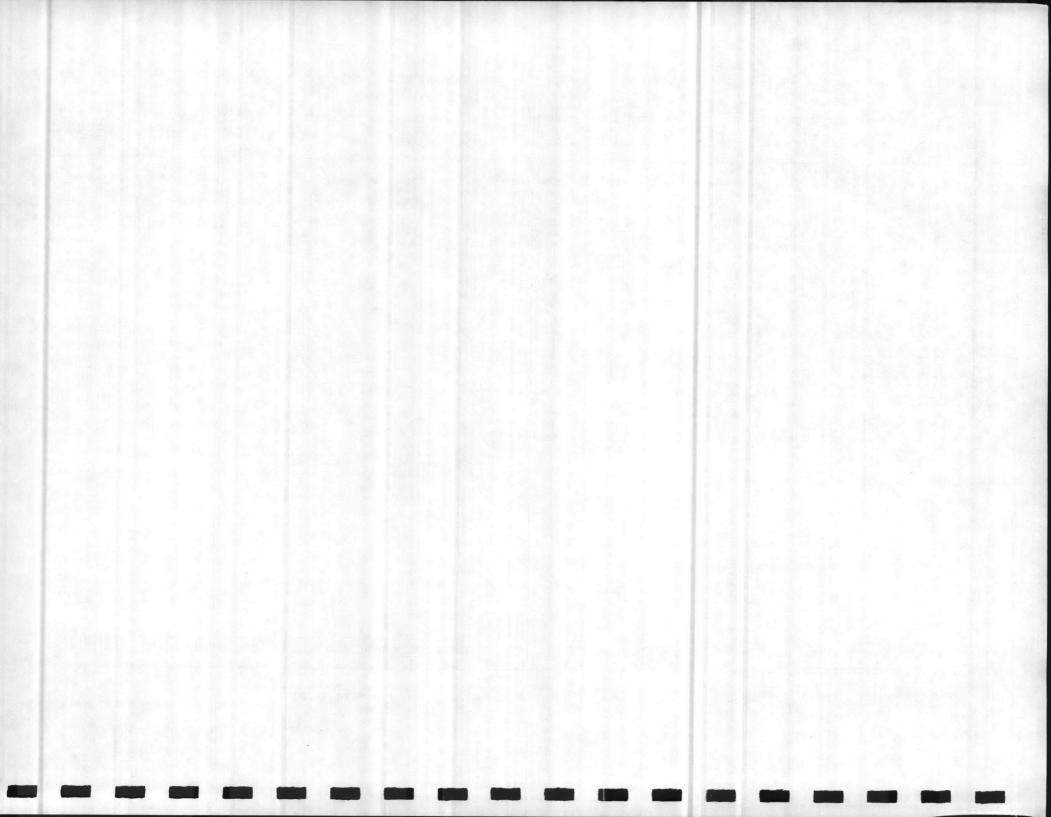


DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
re There Site-unique Features (Waivers to Man- euver Area Standards, Safety, etc.)? Yes, No, Explain	No		
re There Site-unique Re- quirements Placed on Using Units? Yes, No, Explain	Yes LZ Jaybird TP879337		
istance from Supply Points POL (km) Ammunition (km) Rations (km)	2	 	
estrictions on Maneuver Area Use Environmental AICUZ FAA Noise Gas/Chemical Pyrotechnics/Flare Time of Day	x		
Time of Year Other	X		



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DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS
영화 그는 말을 물을 줄 수 없다.			
나는 않는 동네 편안			
2011년 1월 1997년 1월 19 1월 1997년 1월 1 1월 1997년 1월 1			



SUBMITTED BY: D. J. Hashagen, Sr., DRCO, AV 484-2102	TYPE MANEUVER AREA:
	X Infantry X Electronic Warfare
	X Artillery Amphibious Exercises
MANEUVER AREA NAME AND LOCATION: HE, MCB, Camp Lejeune, NC	X Armor (LAVs, AAVs, Tanks) MAGTF FTX
	Combined Arms Air-to-Ground Operations
	X Communications Exercises Other
	X Logistics Exercises Other

INSTRUCTIONS:

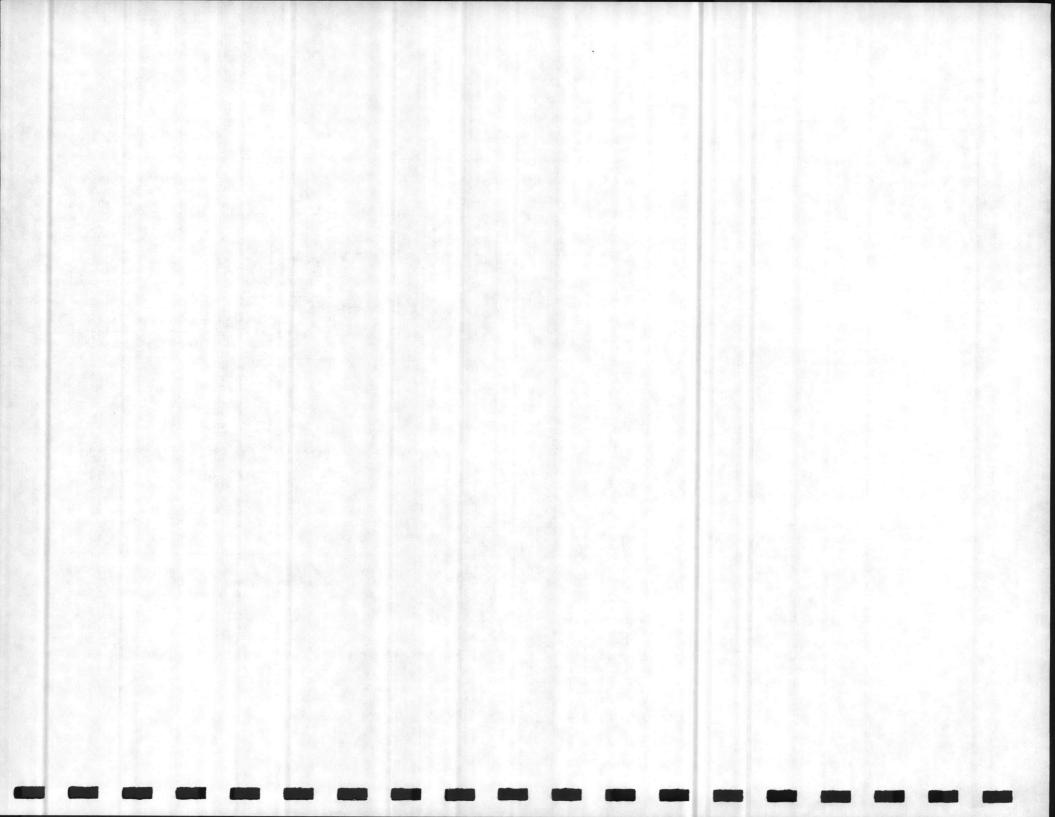
-- One form for each maneuver area

-- Fill in data elements as appropriate -- Use right column for new or improved maneuver areas needed

DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Range Shape and Dimensions Dimensions (km)	3 sq km		
Primary Direction of Fire			
Coordinates	TP890330 (center of mass)		
	R-5306D		
Altitude (ft) Ingress and Egress Routes	17,999 W to S		
Access			
No. of Land Access Routes			
No. of Land Water Routes			
No. of Air Ingress Routes No. of Air Egress Routes	1		
No. of Beach Access Areas			

FILE NAME: UP010072 UTMAS-P-0001 MANEUVER AREA MANAGER: D. J. Hashagen, Sr. PAGE 1 OF 5 DATE: 03/05/87

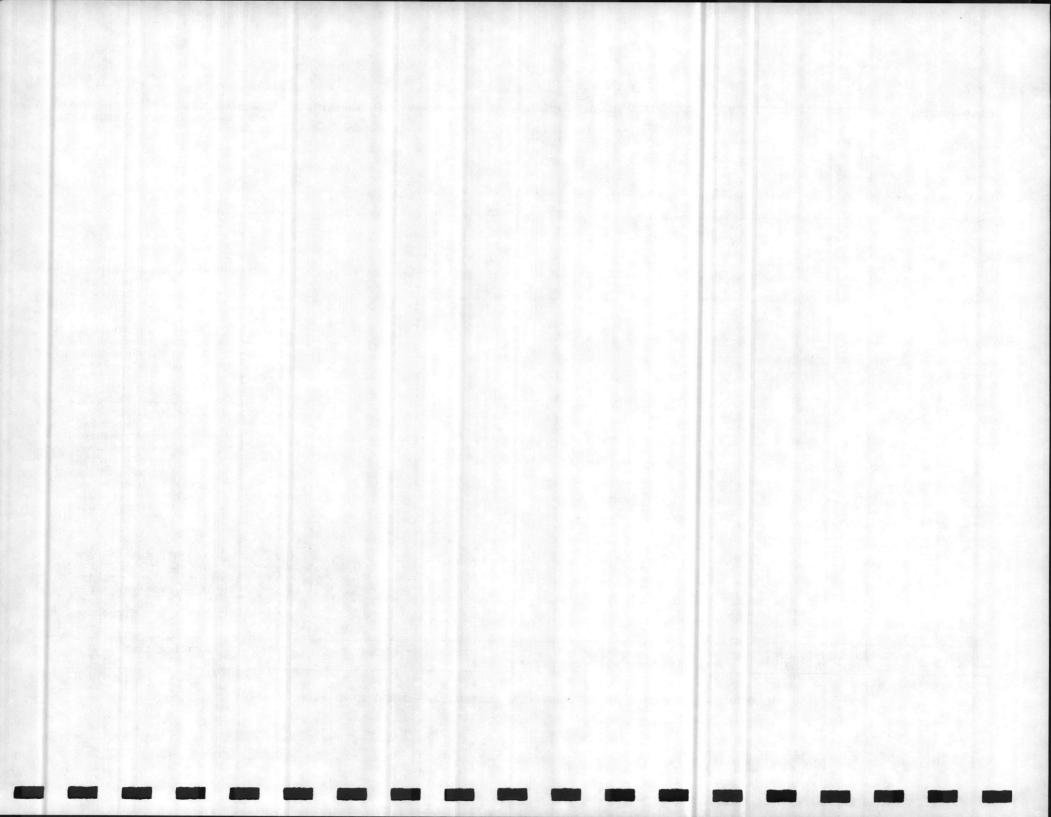
1278 4



DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Climate SeasonalX Tropic Temperate Arctic. Desert. All-Weather (Indoor)		NOT *APPLICABLE	NOT APPLICABLE
Terrain Type Percentage Mountainous Percentage Rolling		NOT APPLICABLE	NOT APPLICABLE
Soil Type Percentage Rock		NOT APPLICABLE	NOT APPLICABLE
Vegetation Percentage None		·	

FILE NAME: UP010072 PAGE 2 OF 5 DATE: 03/05/87

MANEUVER AREA MANAGER: D. J. Hashagen, Sr.

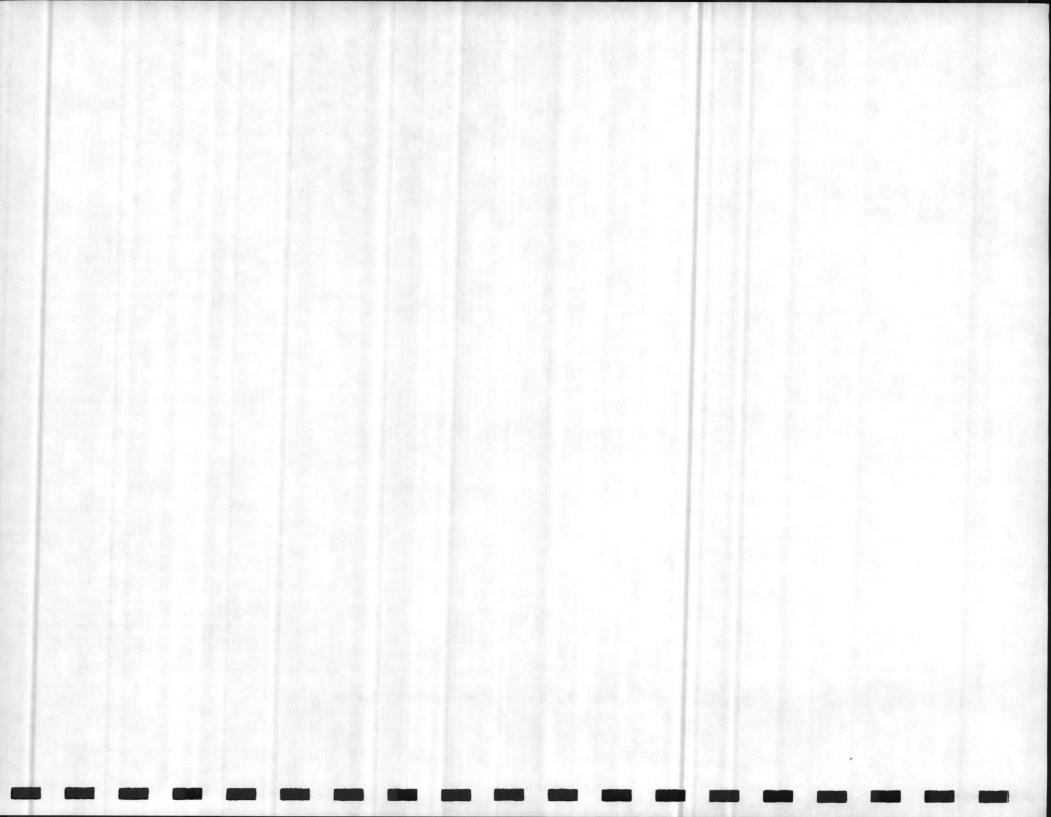


LATAR N	MANEUVER	AREA	INVENTORY	DATA	FORM	(UTMAS-P-	.0001)	(CONTINUED)
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PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
15		
 335 		
30		
 Yes 	, ,	
Undefined		
	2	PRESENT CHARACTERISTICS (INCLUDE YEAR) 2

FILE NAME: UP010072 PAGE 3 OF 5 DATE: 03/05/87

MANEUVER AREA MANAGER: D. J. Hashagen, Sr.

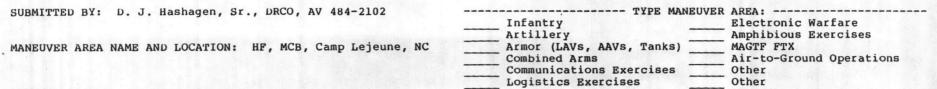


DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Are There Site-unique Features (Waivers to Man- euver Area Standards, Safety, etc.)? Yes, No, Explain	No		
	Yes LZ Hawk TP896318		
Distance from Supply Points POL (km) Ammunition (km) Rations (km)	2	· · · · · · · · · · · · · · · · · · ·	· · ·
Restrictions on Maneuver Area Use Environmental	x		
	X Fire Conditions		



DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES	I GESIRED CHARACTERISTICS
			and the second
		Las 2 Martin	





INSTRUCTIONS:

-- One form for each maneuver area

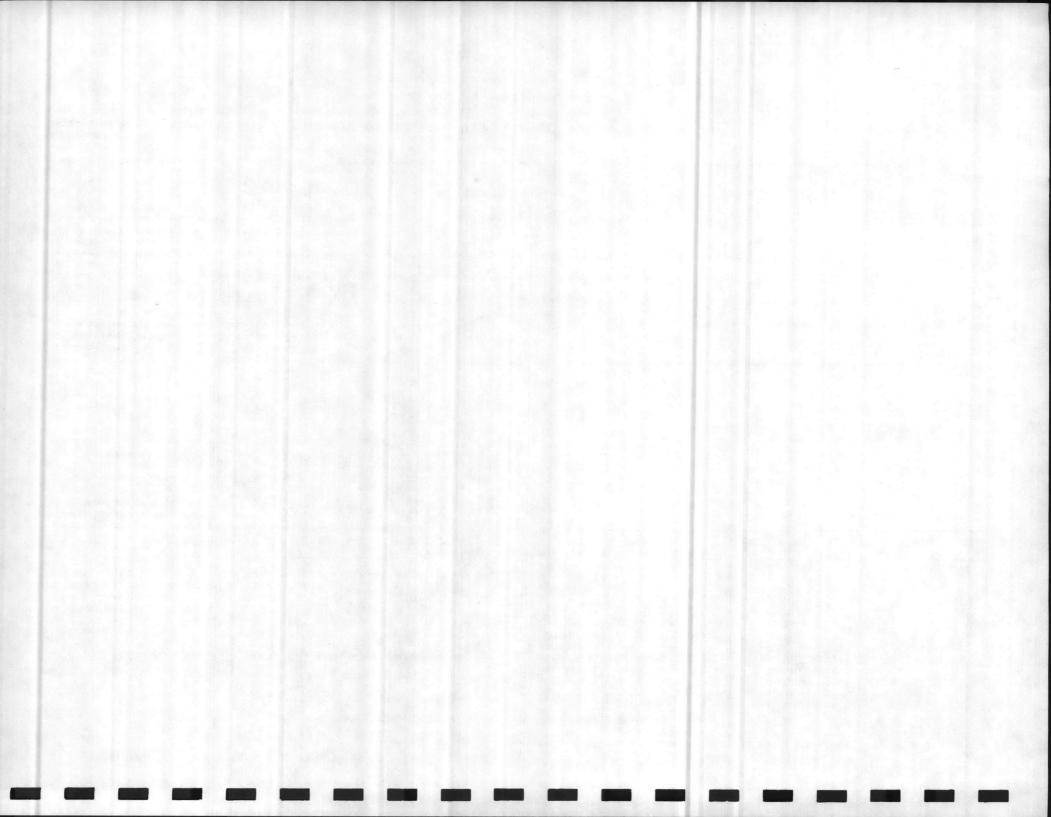
-- Fill in data elements as appropriate

-- Use right column for new or improved maneuver areas needed

DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Range Shape and Dimensions Dimensions (km)	4.3 sq km		
Primary Direction of Fire			
Coordinates	TP897306 (center of mass)		
Altitude (ft)	R-5306D 17,999		
Ingress and Egress Routes	w to S		
Access No. of Land Access Routes No. of Land Water Routes	9		
No. of Air Ingress Routes			
No. of Air Egress Routes No. of Beach Access Areas			

PAGE 1 OF 5 DATE: 03/05/87

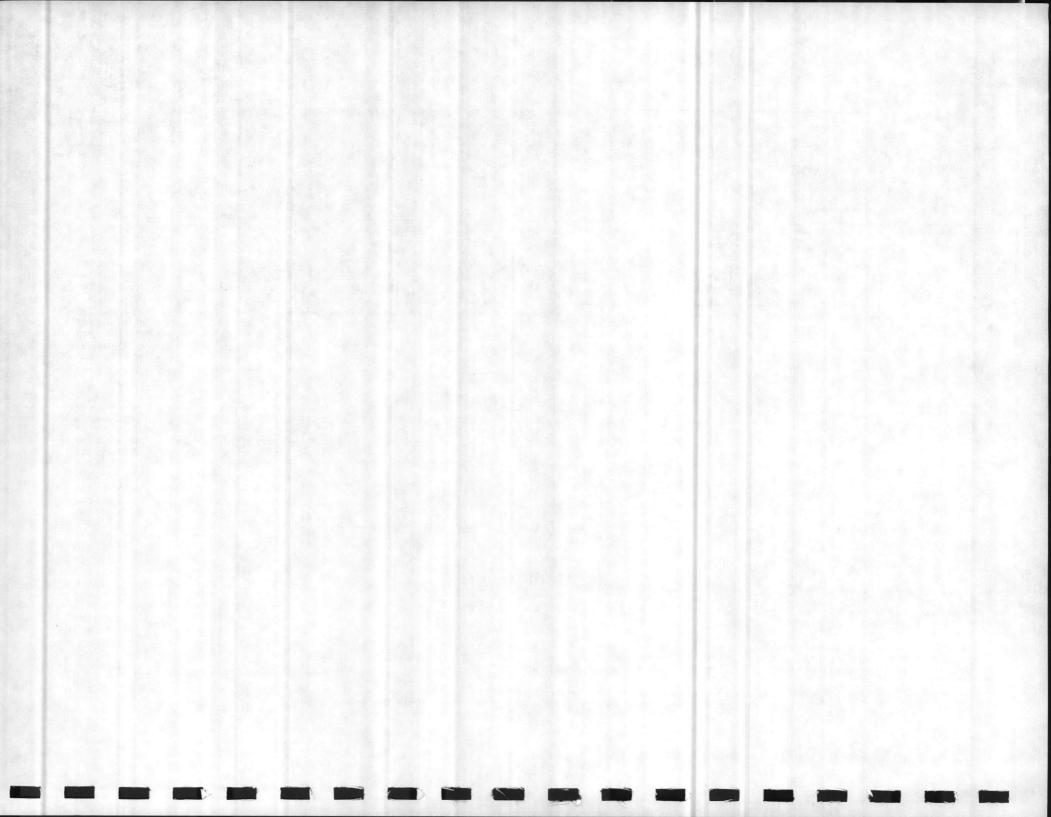
MANEUVER AREA MANAGER: D. J. Hashagen, Sr.



DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Climate SeasonalX Tropic Temperate Arctic Desert All-Weather (Indoor) Other		NOT APPLICABLE	NOT APPLICABLE
Terrain Type Percentage Mountainous Percentage Rolling	0	NOT APPLICABLE	NOT APPLICABLE
Soil Type Percentage Rock		NOT APPLICABLE	NOT APPLICABLE
Vegetation Percentage None Percentage Sparse	0		

FILE NAME: UP010073

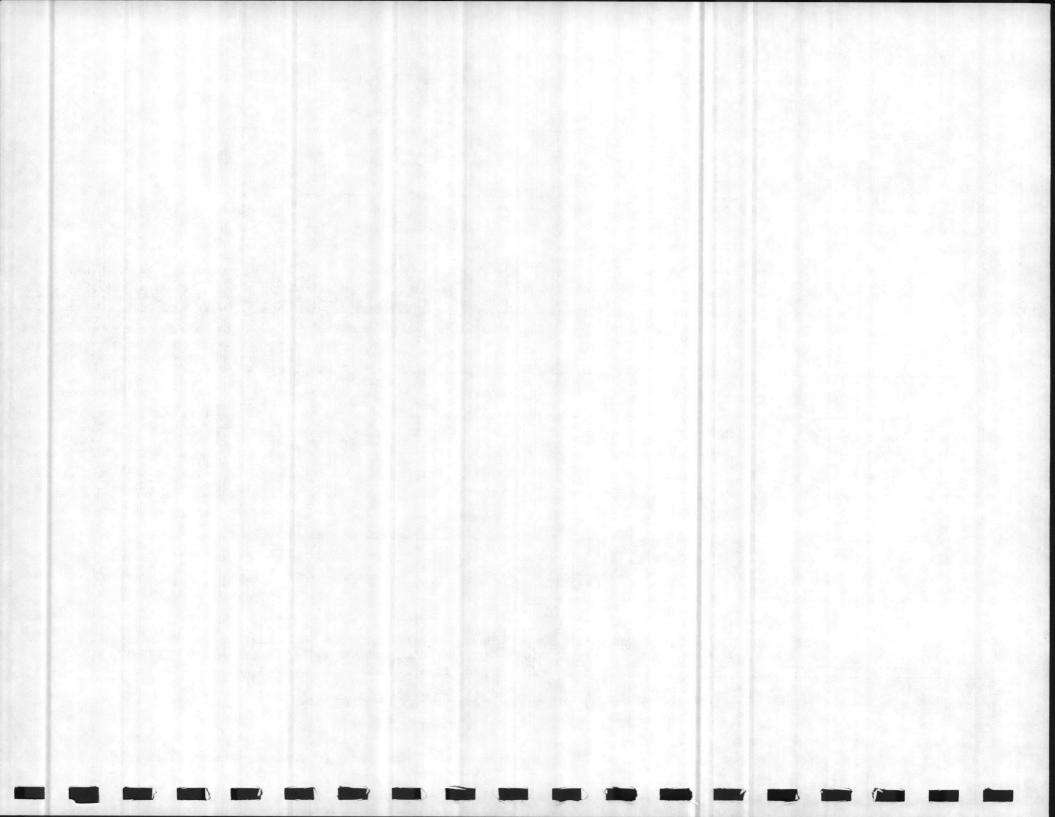
PAGE 2 OF 5 DATE: 03/05/87 MANEUVER AREA MANAGER: D. J. Hashagen, Sr._



DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
List Capacity of an 8-Hour Training Day. Specify: Unit of Measure, e.g., No. of Bns/Sqdns No. of Aircraft/Helos No. of AAVs/LCACs as Appropriate		•	
Number of Days per Year the Maneuver Area is Available	335		
Non-availability per Year Total Maintenance Weather Budget Fire Condition/Weather Weekends/Holidays Other	30		
Is the Maneuver Area Capable of Nighttime Use? Yes, No	Yes	·	
Other Maneuver Areas/Ranges Which Must Be Closed When This Maneuver Area is in Use	Undefined		

FILE NAME: UP010073 PAGE 3 OF 5 DATE: 03/05/87

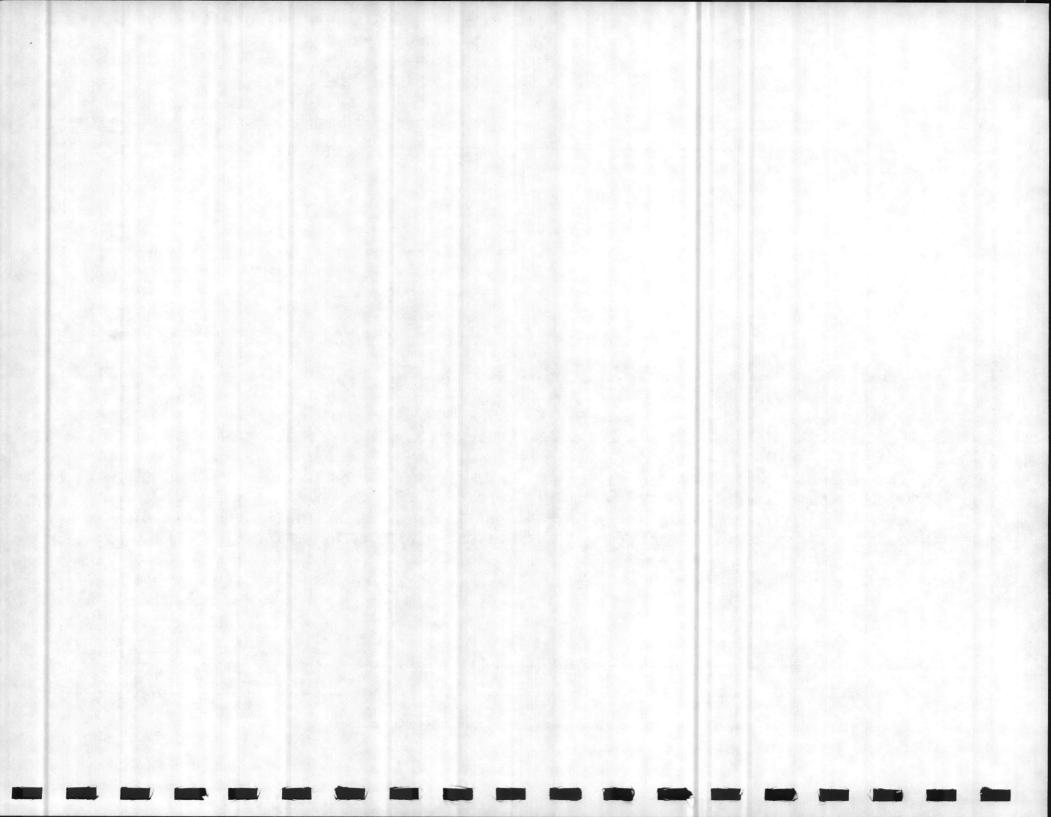
MANEUVER AREA MANAGER: D. J. Hashagen, Sr.



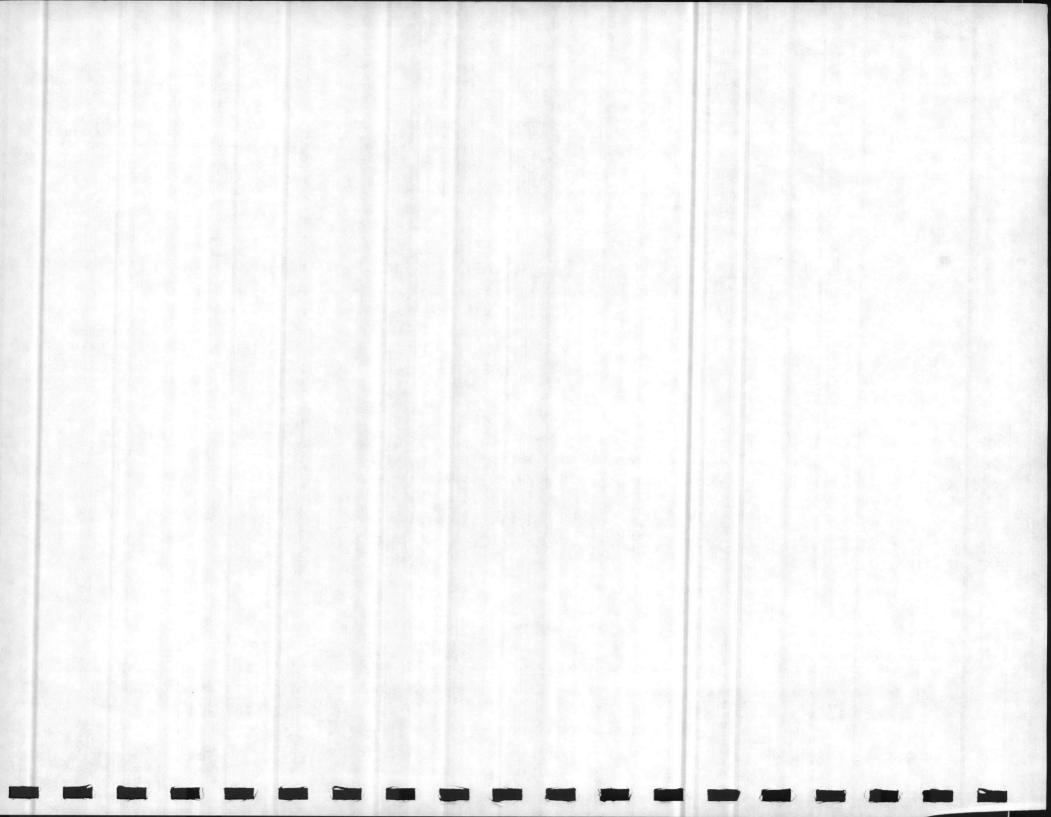
11

r.

DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABL
There Site-unique No atures (Waivers to Man- ver Area Standards, fety, etc.)? s, No, Explain	0		
	es P-26 TP90142946		
ance from Supply Points L (km)			
rictions on Maneuver ea Use EnvironmentalX AICUZ			
Pyrotechnics/Flare Time of Day Time of Year X Other X	Tree harvest		



DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES ((INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE
		이 이 수 이 해야지 않는다.	
		•	
		1.	
NAME: UP010073			· i



SUBMITTED BY: D. J. Hashagen, Sr., DRCO, AV 484-2102

MANEUVER AREA NAME AND LOCATION: IA, MCB, Camp Lejeune, NC

	TYPE MANEUV	ER AREA:
х	Infantry X	Electronic Warfare
	Artillery	Amphibious Exercises
X	Armor (LAVs, AAVs, Tanks)	MAGTF FTX
	Combined Arms	Air-to-Ground Operations
X	Communications Exercises	Other
x	Logistics Exercises	Other

INSTRUCTIONS:

-- One form for each maneuver area

-- Fill in data elements as appropriate

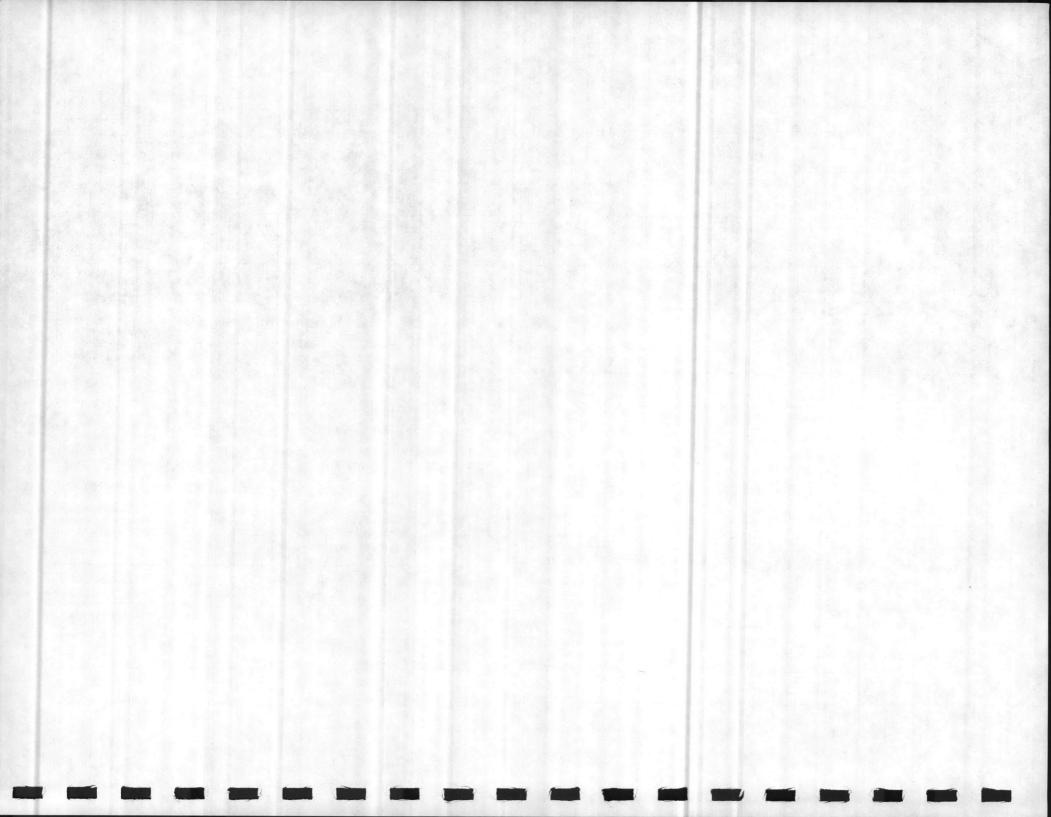
-- Use right column for new or improved maneuver areas needed

DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Primary Direction of Fire	3.6 sq km TP8629 to TP8529 to TP8828 to		
	TP9029		
Associated Air Space Altitude (ft) Ingress and Egress Routes	17,999		
Access No. of Land Access Routes No. of Land Water Routes No. of Air Ingress Routes No. of Air Egress Routes No. of Beach Access Areas			

PAGE 1 OF 5 DATE: 03/05/87

3/05/87 MANEL

MANEUVER AREA MANAGER: D. J. Hashagen, Sr._



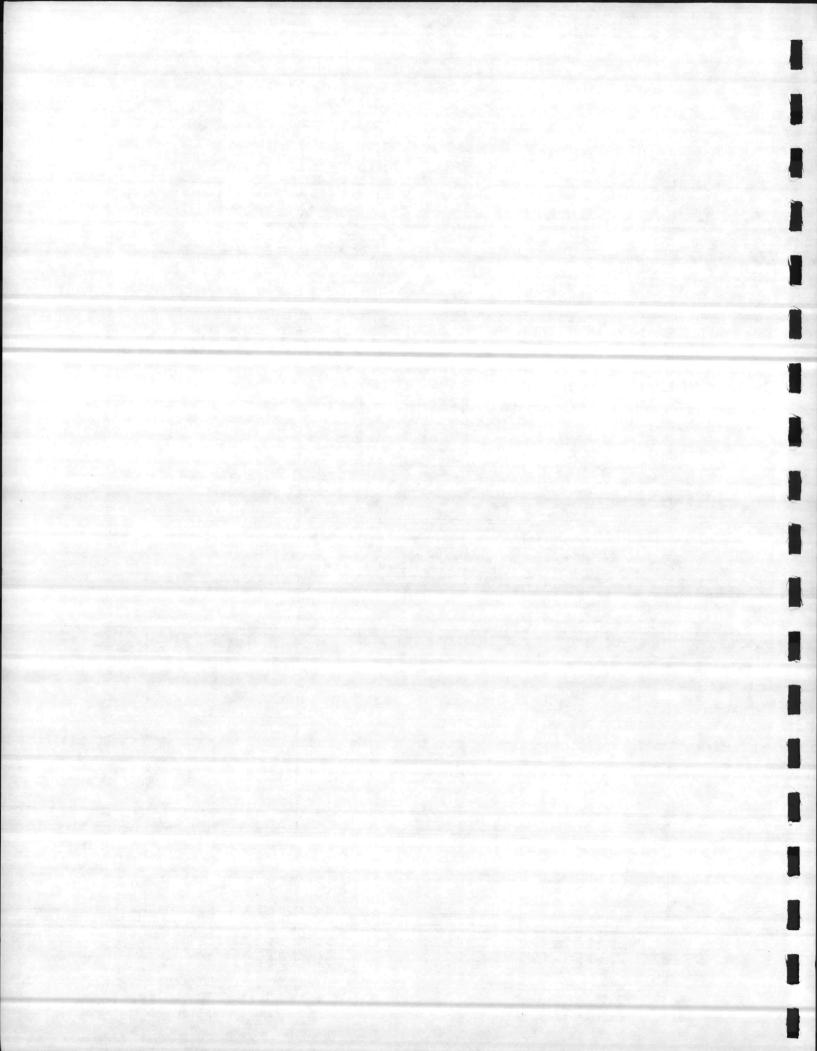
DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Climate Seasonal Tropic Temperate Arctic Desert All-Weather (Indoor)	X	NOT APPLICABLE	NOT APPLICABLE
Terrain Type Percentage Mountainous Percentage Rolling Percentage Swamp Percentage Desert Percentage Beach Percentage Level Percentage Water		NOT APPLICABLE	NOT APPLICABLE
Soil Type Percentage Rock Percentage Sand Percentage Clay Percentage Swamp/Marsh Percentage Loamy Percentage Other	100	NOT APPLICABLE	. NOT APPLICABLE
Vegetation Percentage None Percentage Sparse Percentage Moderate Percentage Heavy	20 80 		

FILE NAME: UP010074 PAGE 2 OF 5 DATE: 03/05/87

MANEUVER AREA MANAGER: D. J. Hashagen, Sr.

UTMAS-P-0001

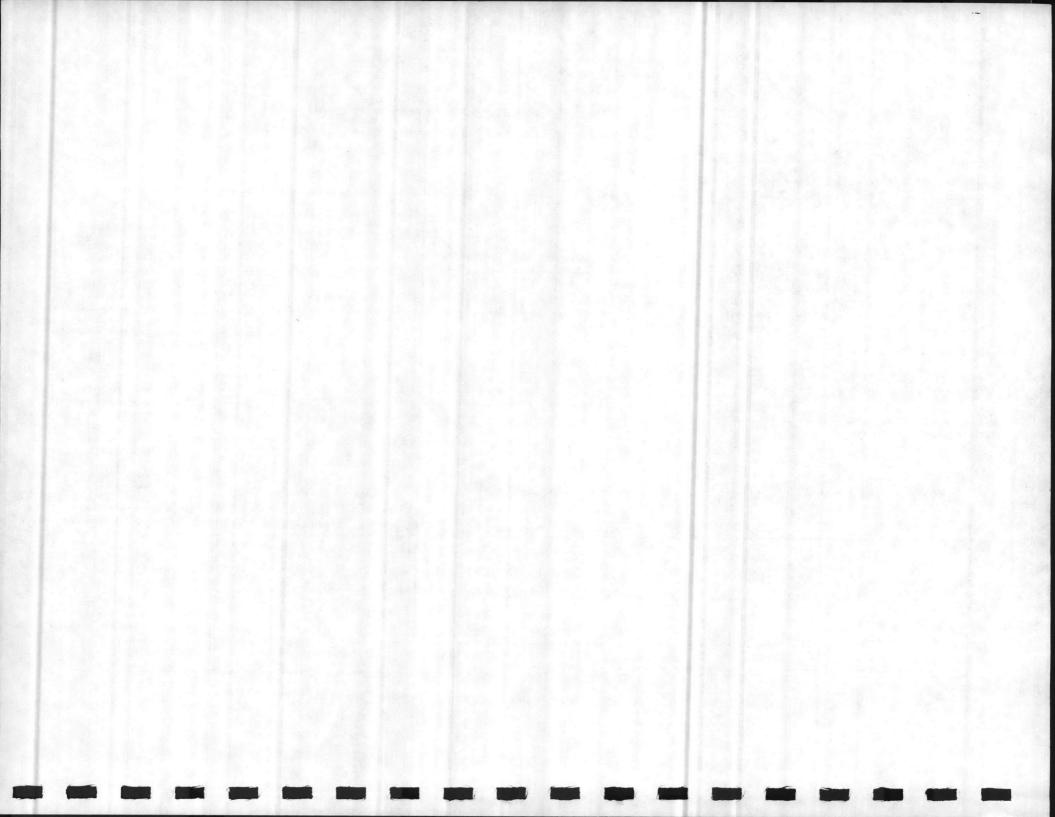
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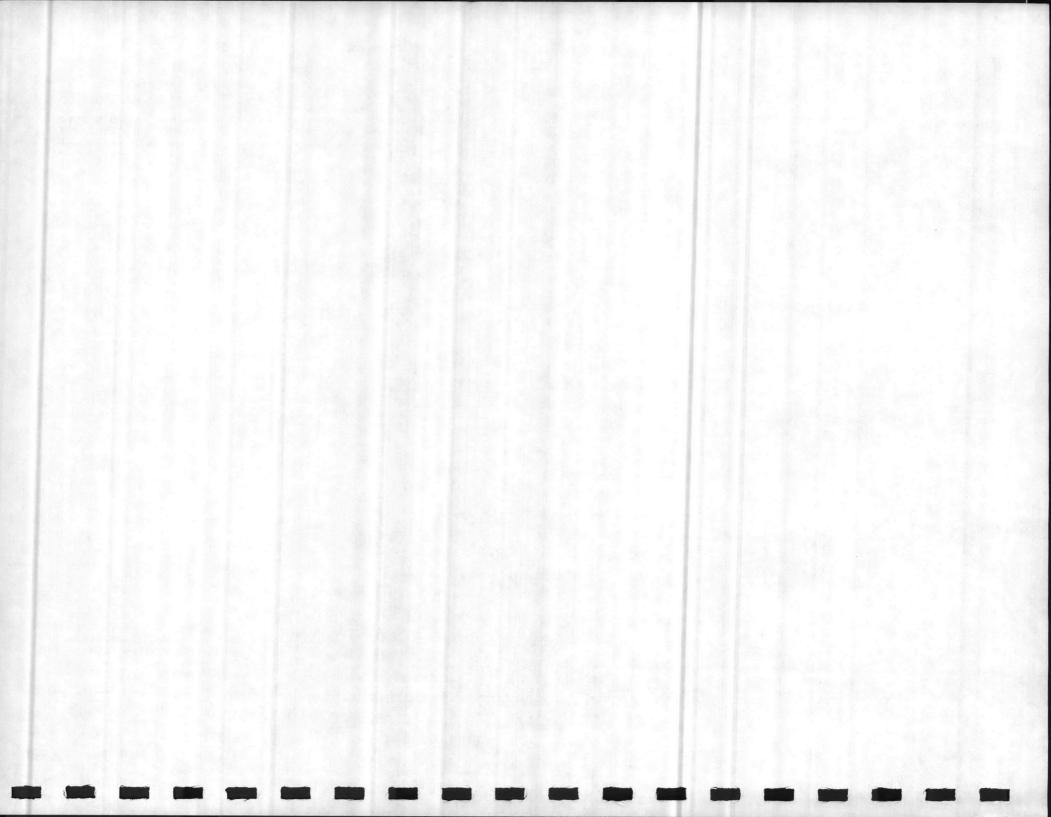
DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
List Capacity of an 8-Hour Training Day. Specify: Unit of Measure, e.g., No. of Bns/Sqdns No. of Aircraft/Helos No. of AAVs/LCACs as Appropriate		•	
Number of Days per Year the Maneuver Area is Available	335		
Non-availability per Year Total Maintenance Weather Budget Fire Condition/Weather Weekends/Holidays Other	30		
Is the Maneuver Area Capable of Nighttime Use? Yes, No	 Yes 		
Other Maneuver Areas/Ranges Which Must Be Closed When This Maneuver Area is in Use	Undefined	·	

FILE NAME: UP010074 PAGE 3 OF 5 DATE: 03/05/87

MANEUVER AREA MANAGER: D. J. Hashagen, Sr._



DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIF	ED CHARACT		BLE
Are There Site-unique Features (Waivers to Man- euver Area Standards, Safety, etc.)? Yes, No, Explain	No					
Are There Site-unique Re- quirements Placed on Using Units? Yes, No, Explain	No					
Distance from Supply Points POL (km) Ammunition (km) Rations (km)	8		 			
Restrictions on Maneuver Area Use Environmental AICUZ FAA Gas/Chemical Pyrotechnics/Flare Time of Day Time of Year Other	x x	•				
ILE NAME: UP010074 AGE 4 OF 5 DATE: 03/05/87	MANEUVER AREA MANAGER: D. J.	Hachagen, Sr.	.		UTMAS-	 P-0(



DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE
		The State State of the	
NAME: UP010074	-1	- [



LATAR MANEUVER AREA INVENTORY DATA FORM (UTMAS-P-0001)

TYPE MANEUVER AREA: -----SUBMITTED BY: D. J. Hashagen, Sr., DRCO, AV 484-2102 X Electronic Warfare Infantry Amphibious Exercises Artillery X X MAGTF FTX Armor (LAVs, AAVs, Tanks) MANEUVER AREA NAME AND LOCATION: IB, MCB, Camp Lejeune, NC Air-to-Ground Operations Combined Arms Other Communications Exercises Other Logistics Exercises

INSTRUCTIONS:

-- One form for each maneuver area

-- Fill in data elements as appropriate -- Use right column for new or improved maneuver areas needed

DESIRED CHARACTERISTICS ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR) (SPECIFY YEAR NEEDED IF APPLICABLE) PRESENT CHARACTERISTICS DATA ELEMENT Range Shape and Dimensions Dimensions (km) 14 sq km Primary Direction of Fire TP8825 to TP8827 to TP9127 to Coordinates TP9028 R-5306D Associated Air Space Ingress and Egress Routes... |N to S Access No. of Land Access Routes... |8 No. of Land Water Routes |4 No. of Air Ingress Routes ... | No. of Air Egress Routes | No. of Beach Access Areas... FILE NAME: UP010075

DATE: 03/05/87 PAGE 1 OF 5

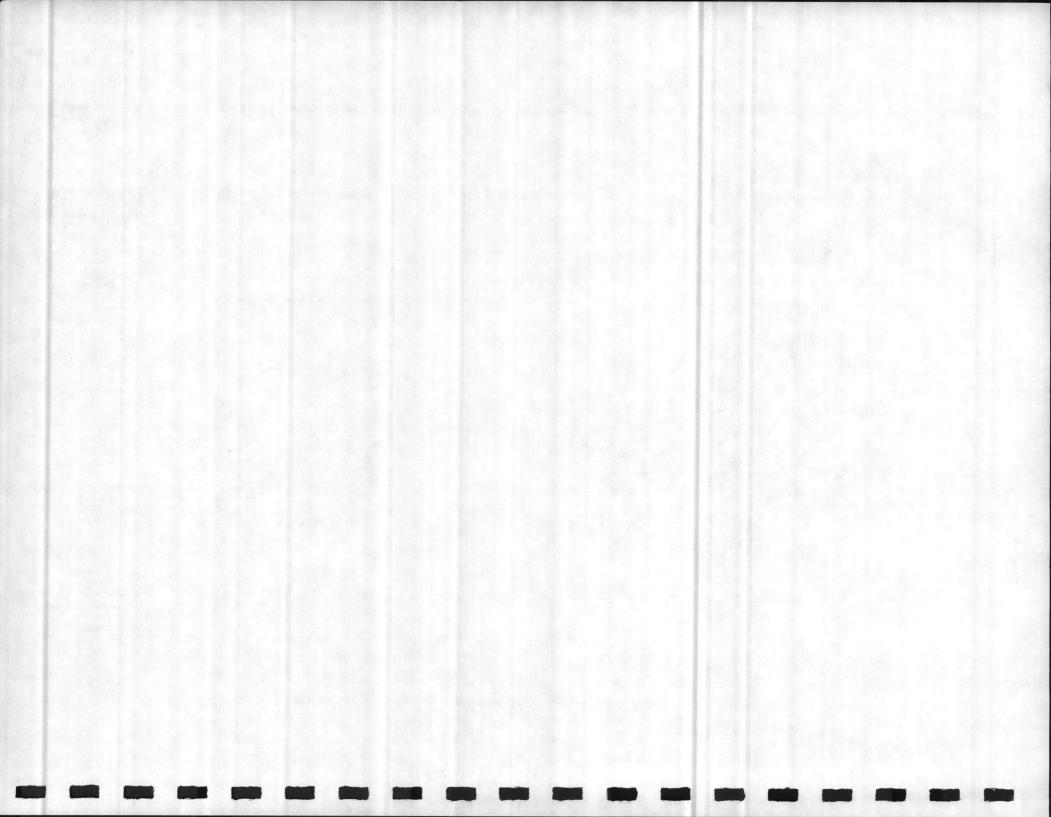
MANEUVER AREA MANAGER: D. J. Hashagen, Sr._



DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Climate SeasonalX Tropic Temperate Arctic. Desert All-Weather (Indoor) Other		NOT APPLICABLE	NOT APPLICABLE
Terrain Type Percentage Mountainous Percentage Rolling Percentage Swamp Percentage Desert Percentage Beach Percentage Level Percentage Water		NOT APPLICABLE	NOT APPLICABLE
Soil Type Percentage Rock Percentage Sand Percentage Clay Percentage Swamp/Marsh Percentage Loamy Percentage Other		NOT APPLICABLE	NOT APPLICABLE
Vegetation Percentage None Percentage Sparse Percentage Moderate Percentage Heavy	20 30		

FILE NAME: UP010075

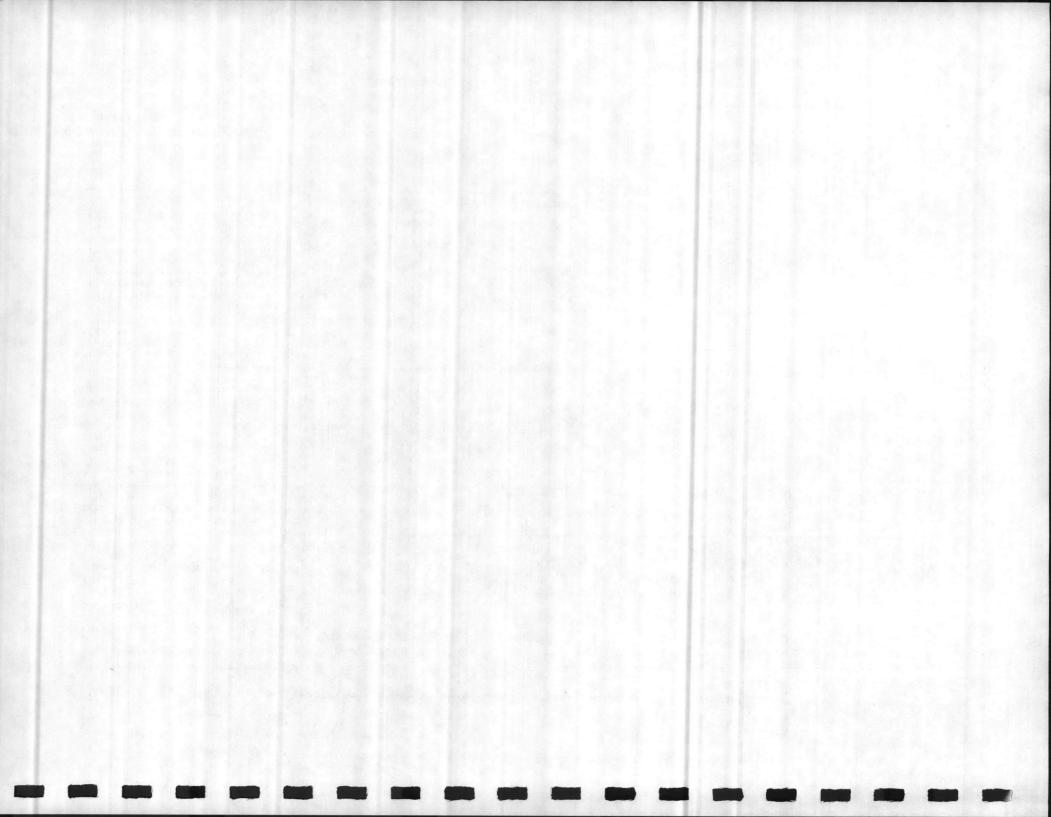
PAGE 2 OF 5 DATE: 03/05/87 MANEUVER AREA MANAGER: D. J. Hashagen, Sr.



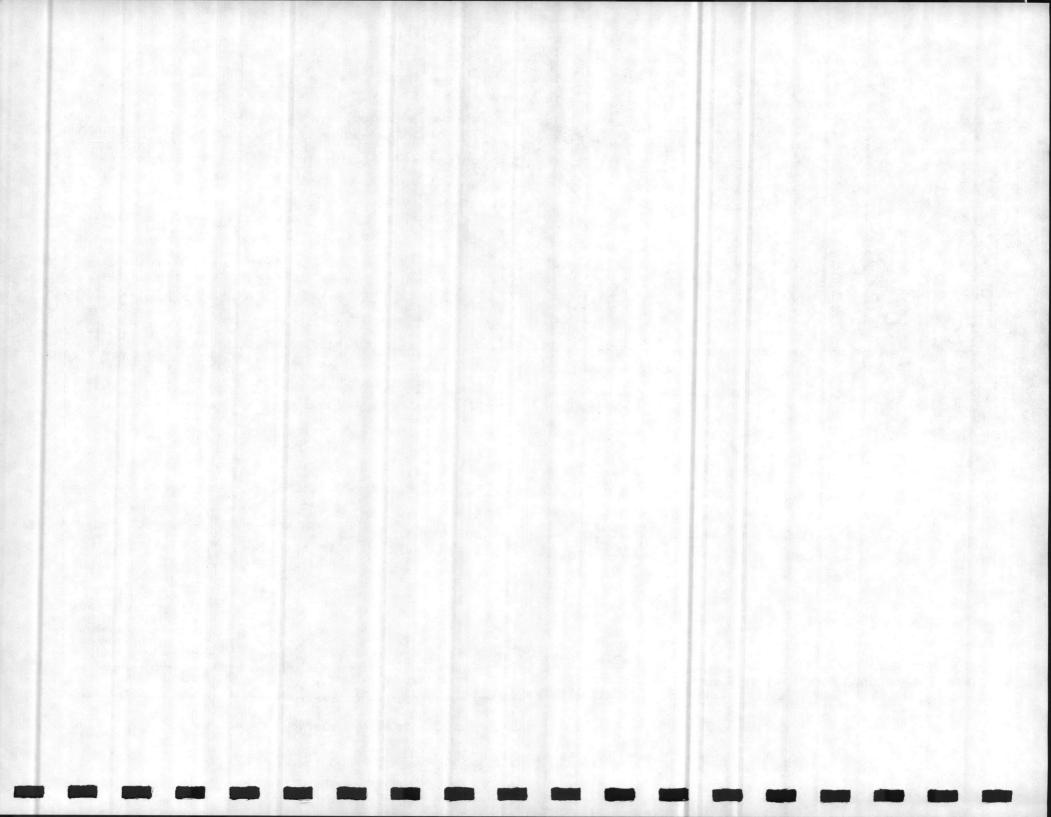
DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
List Capacity of an 8-Hour Training Day. Specify: Unit of Measure, e.g., No. of Bns/Sqdns No. of Aircraft/Helos No. of AAVs/LCACs as Appropriate	15	•	
Number of Days per Year the Maneuver Area is Available	335		
Non-availability per Year Total Maintenance Weather Budget Fire Condition/Weather Weekends/Holidays Other	30		
Is the Maneuver Area Capable of Nighttime Use? Yes, No	 Yes 		
Other Maneuver Areas/Ranges Which Must Be Closed When This Maneuver Area is in Use	Undefined	· · · · · · · · · · · · · · · · · · ·	

FILE NAME: UP010075 PAGE 3 OF 5 DATE: 03/05/87

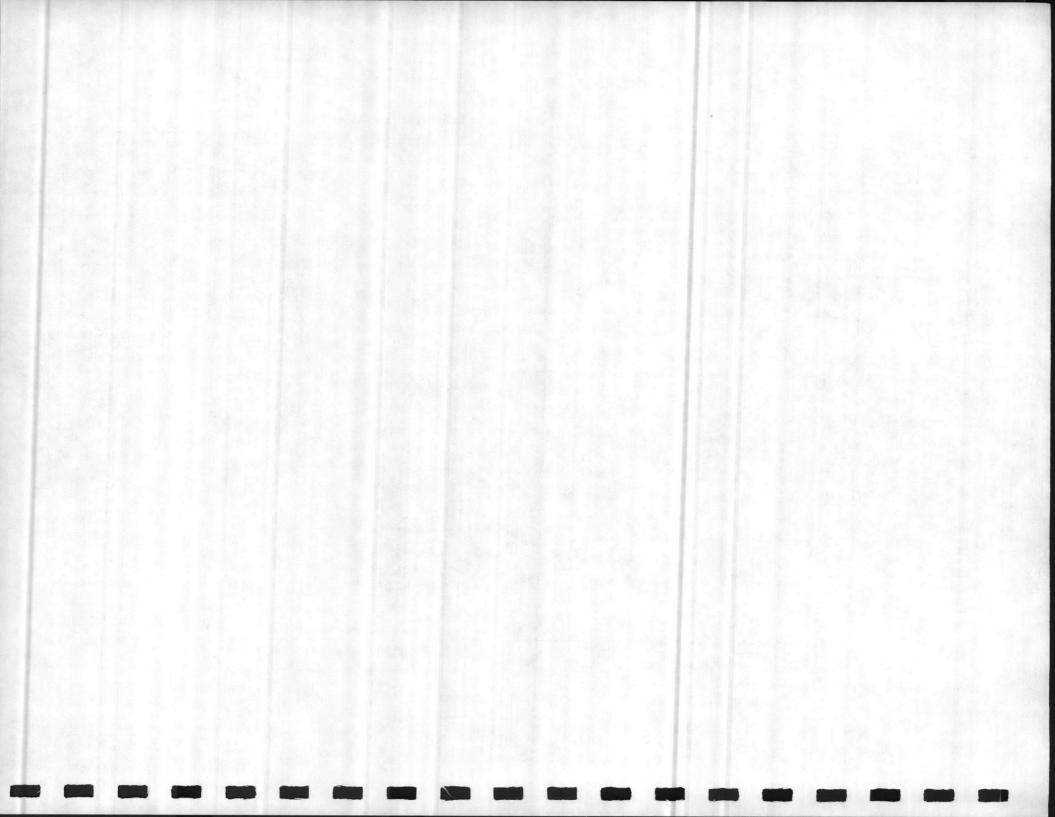
MANEUVER AREA MANAGER: D. J. Hashagen, Sr.



Features (Waivers to Man- euver Area Standards, Safety, etc.)? Yes, No, Explain Image: Constraint of the system of the syste	DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DES (SPECIFY		TERISTIC IF APPL	
quirements Flaced on Using Units? GP-31 TP89252668 (GP-27 TP90692810 LZ Albatross TP895273 Yes, No, Explain LZ Albatross TP895273 Distance from Supply Points POL (km)	Features (Waivers to Man- euver Area Standards, Safety, etc.)?	No					
POL (km)	quirements Placed on Using Units?	GP-31 TP89252668 GP-27 TP90692810					
Area Use Environmental AICUZ FAA Noise Gas/Chemical Time of Day	Ammunition (km)	8					
	Restrictions on Maneuver Area Use Environmental AICUZ FAA Gas/Chemical Pyrotechnics/Flare Time of Day Time of Year	X X Tree harvest					



DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
			·
		•	
: UP010075	7 MANEUVER AREA MANAGER: D. J		UTMAS-P-0



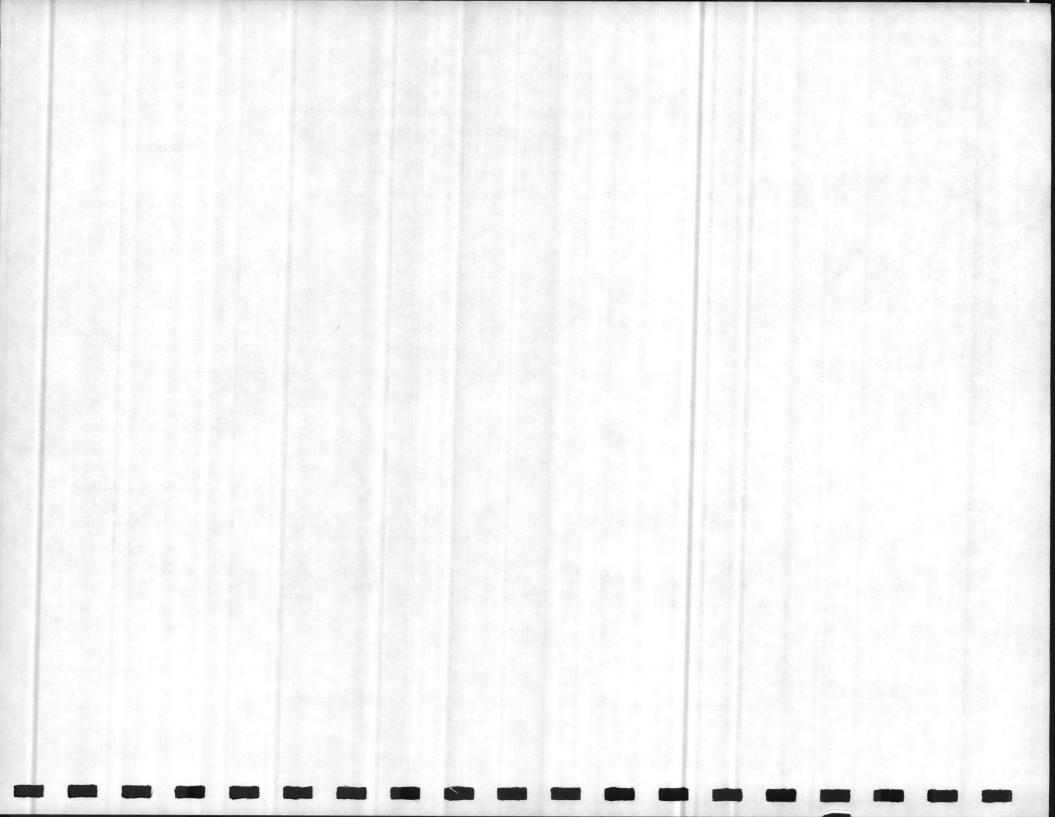
LATAR MANEUVER AREA INVENTORY DATA FORM (UTMAS-P-0001)

SUBMITTED BY: D. J. Hashagen, Sr., DRCO, AV 484-2102	X Infantry X	UVER AREA: Electronic Warfare
MANEUVER AREA NAME AND LOCATION: IC, MCB, Camp Lejeune, NC	X Artillery X X Armor (LAVs, AAVs, Tanks) X Combined Arms X X Communications Exercises X Logistics Exercises	Amphibious Exercises MAGTF FTX Air-to-Ground Operations Other Other

INSTRUCTIONS: -- One form for each maneuver area

-- Fill in data elements as appropriate -- Use right column for new or improved maneuver areas needed

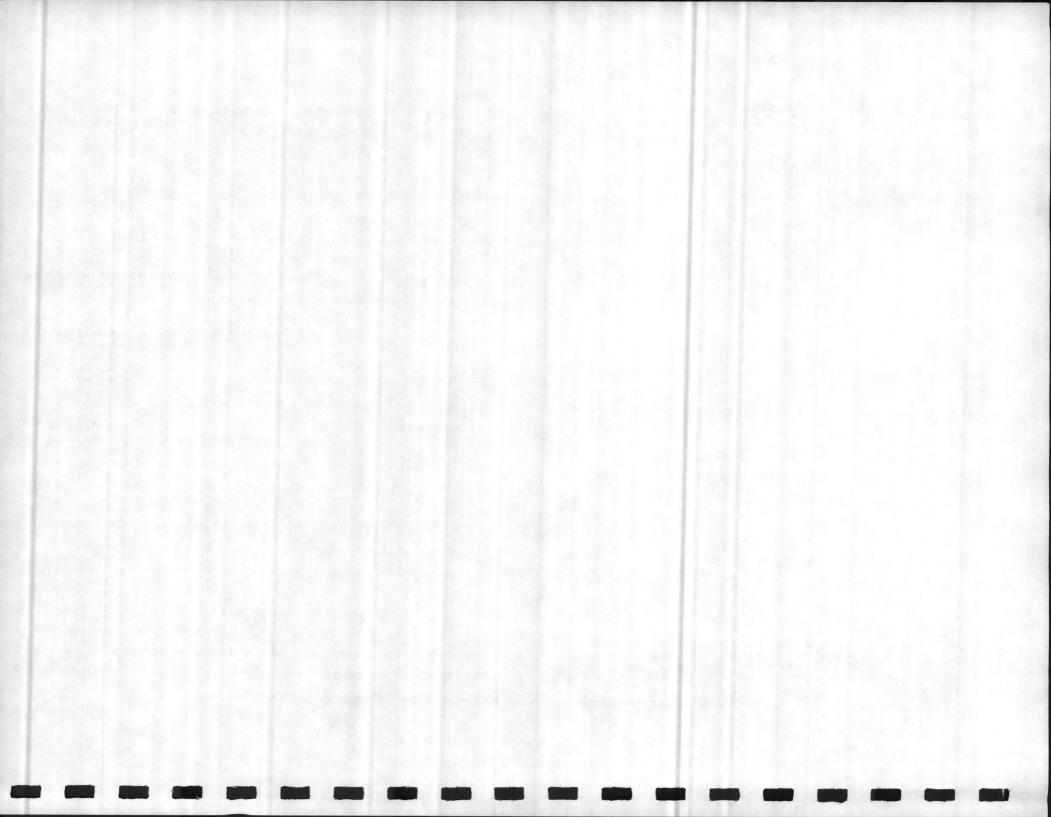
DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS
Range Shape and Dimensions Dimensions (km)	5.3 sq km		
Primary Direction of Fire			
Coordinates	TP8525 to TP8528		
Associated Air Space Altitude (ft) Ingress and Egress Routes	17,999		
Access			
No. of Land Access Routes No. of Land Water Routes			
No. of Air Ingress Routes			
No. of Air Egress Routes			I
No. of Beach Access Areas	1		
ILE NAME: UP010076 AGE 1 OF 5 DATE: 03/05/87	MANEUVER AREA MANAGER: D. J.	Usebaren Cr	UTMAS-P-000



DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Climate Seasonal		NOT APPLICABLE	NOT APPLICABLE
Terrain Type Percentage Mountainous Percentage Rolling		NOT APPLICABLE	NOT APPLICABLE
Soil Type Percentage Rock		NOT APPLICABLE	. NOT APPLICABLE
Vegetation Percentage None Percentage Sparse		······	

FILE NAME: UP010076

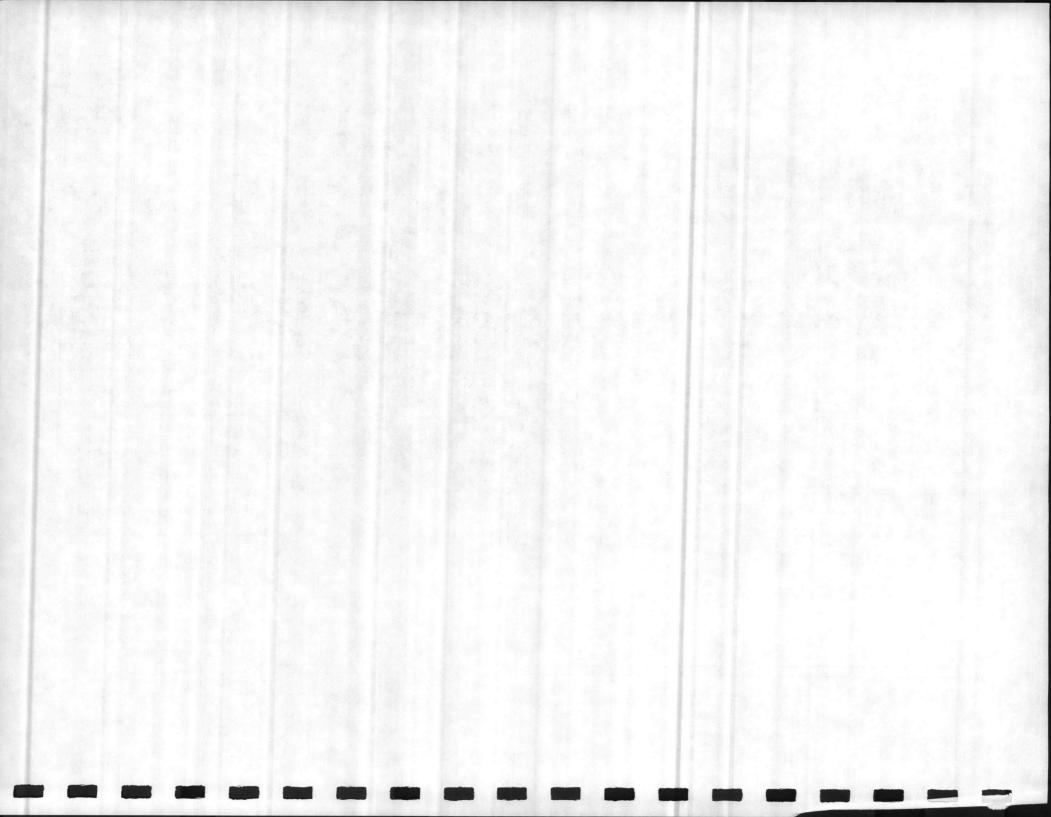
PAGE 2 OF 5 DATE: 03/05/87 MANEUVER AREA MANAGER: D. J. Hashagen, Sr._



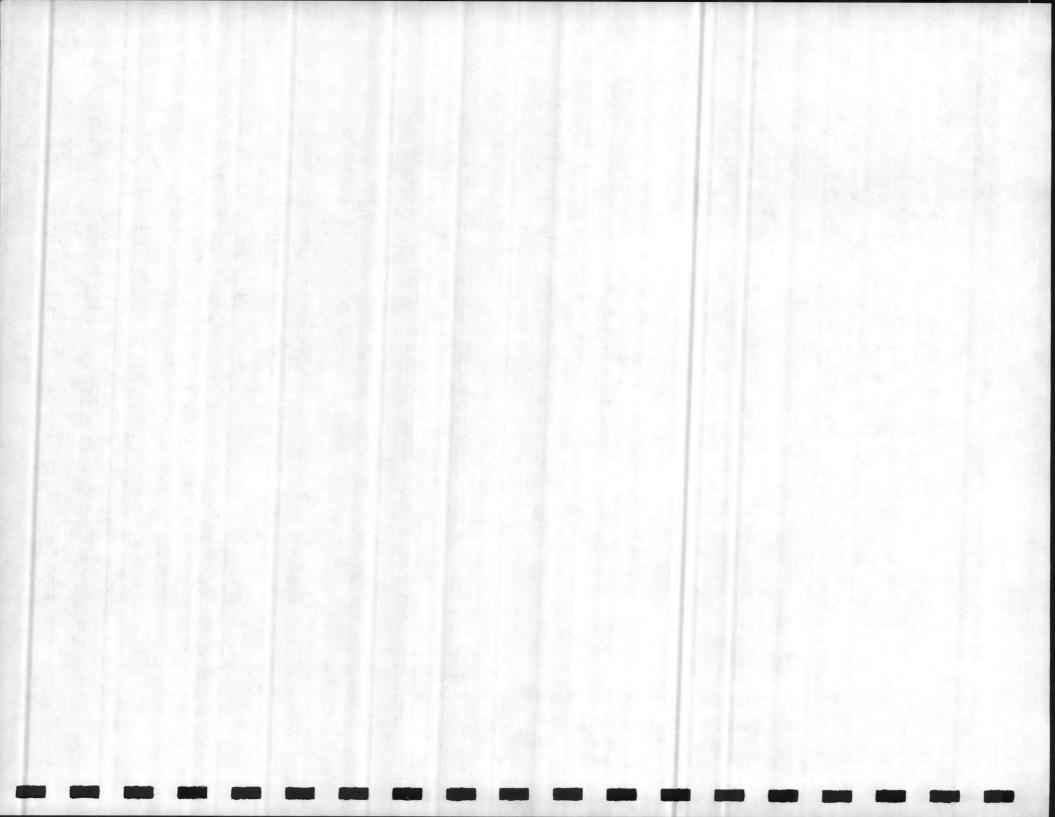
DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
List Capacity of an 8-Hour Training Day. Specify: Unit of Measure, e.g., No. of Bns/Sqdns No. of Aircraft/Helos No. of AAVs/LCACs as Appropriate		•	
Number of Days per Year the Maneuver Area is Available	335		
Non-availability per Year Total Maintenance Weather Budget Fire Condition/Weather Weekends/Holidays Other	30		
Is the Maneuver Area Capable of Nighttime Use? Yes, No	 Yes 		 .
Other Maneuver Areas/Ranges Which Must Be Closed When This Maneuver Area is in Use	I-1 Pistol Range		

FILE NAME: UP010076 PAGE 3 OF 5 DATE: 03/05/87

MANEUVER AREA MANAGER: D. J. Hashagen, Sr.



PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
No		
No		
7 15 7		
X Woodpecker habitat X X X X Tree harvest X Fire Conditions		
	No No No 7 15 7 X Woodpecker habitat X	PRESENT CHARACTERISTICS (INCLUDE YEAR)



DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE
		2월 - 일반 방법, 영비 일 다 있다.	
		- 그 밖에 지갑했다. ^ ^ - ^ ~ .	
		이 아이들 것 같은 것 같이 있어?	
		•	
NAME: UP010076			·



LATAR MANEUVER AREA INVENTORY DATA FORM (UTMAS-P-0001)

SUBMITTED BY: D. J. Hashagen, Sr., DRCO, AV 484-2102

 X
 Infantry
 X
 Electronic Warfare

 X
 Artillery
 X
 Amphibious Exercises

 X
 Armor (LAVs, AAVs, Tanks)
 X
 MAGTF FTX

 X
 Combined Arms
 Air-to-Ground Operations

 X
 Communications Exercises
 Other

 X
 Logistics Exercises
 Other

MANEUVER AREA NAME AND LOCATION: ID, MCB, Camp Lejeune, NC

INSTRUCTIONS:

-- One form for each maneuver area

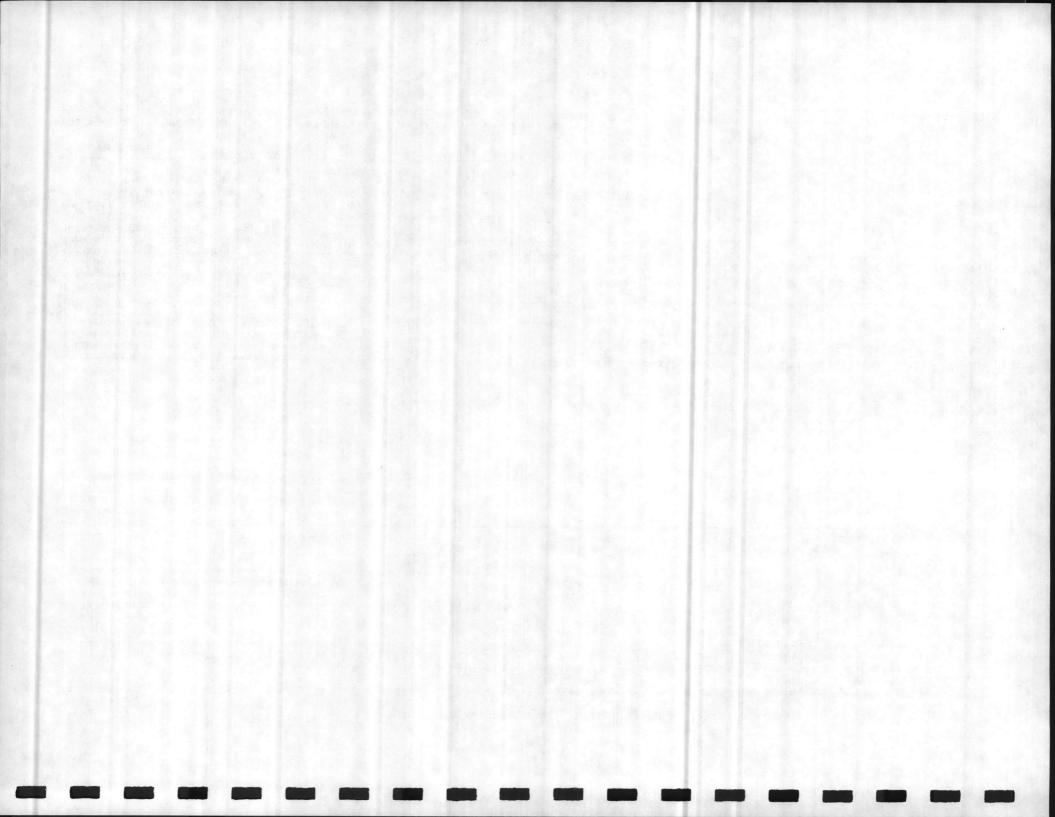
-- Fill in data elements as appropriate

-- Use right column for new or improved maneuver areas needed

DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Range Shape and Dimensions Dimensions (km)	l sq km		
Primary Direction of Fire	have been a second s		
Coordinates	TP875256 (center of mass)		
Associated Air Space Altitude (ft) Ingress and Egress Routes	R-5306D 17,999 S to N		
Access No. of Land Access Routes	3		
No. of Land Water Routes			
No. of Air Ingress Routes			
No. of Air Egress Routes	1		
No. of Beach Access Areas	1		

FILE NAME: UP010077 PAGE 1 OF 5 DATE: 03/05/87

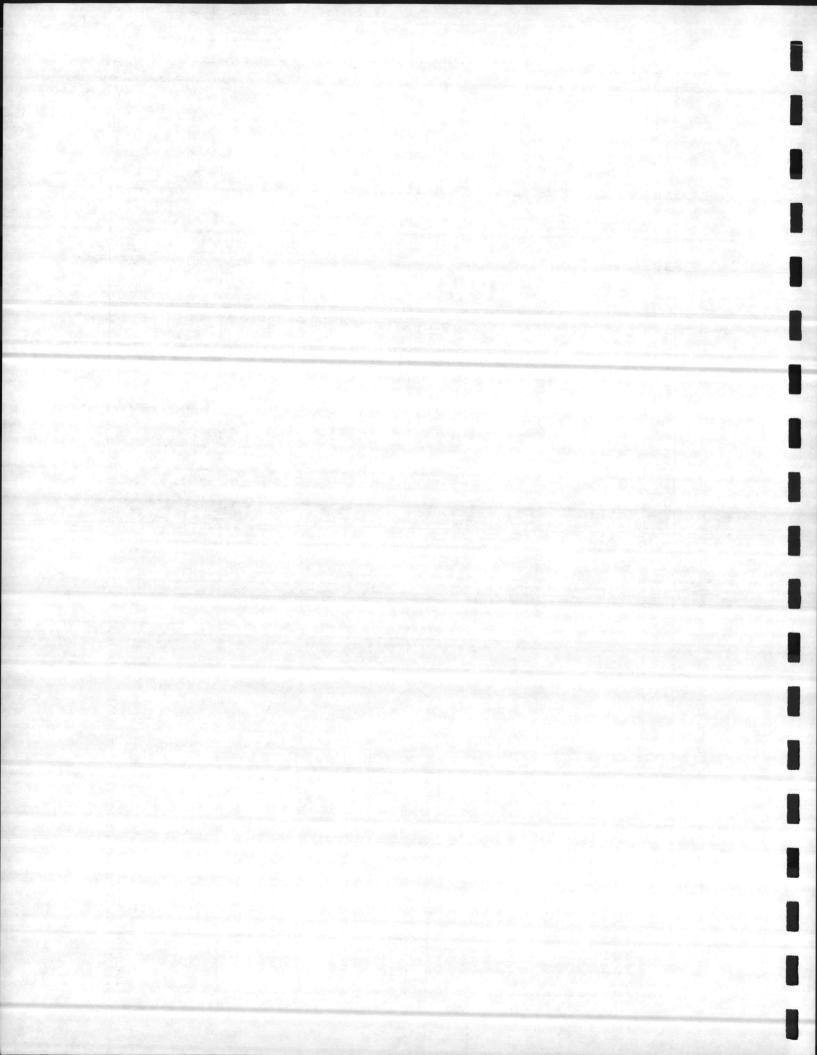
MANEUVER AREA MANAGER: D. J. Hashagen, Sr.



DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Climate SeasonalX Tropic Temperate Arctic Desert All-Weather (Indoor) Other		NOT APPLICABLE	NOT APPLICABLE
Terrain Type Percentage Mountainous Percentage Rolling		NOT APPLICABLE	NOT APPLICABLE
Soil Type Percentage Rock Percentage Sand		NOT APPLICABLE	. NOT APPLICABLE
Vegetation Percentage None			

FILE NAME: UP010077 PAGE 2 OF 5 DATE: 03/05/87

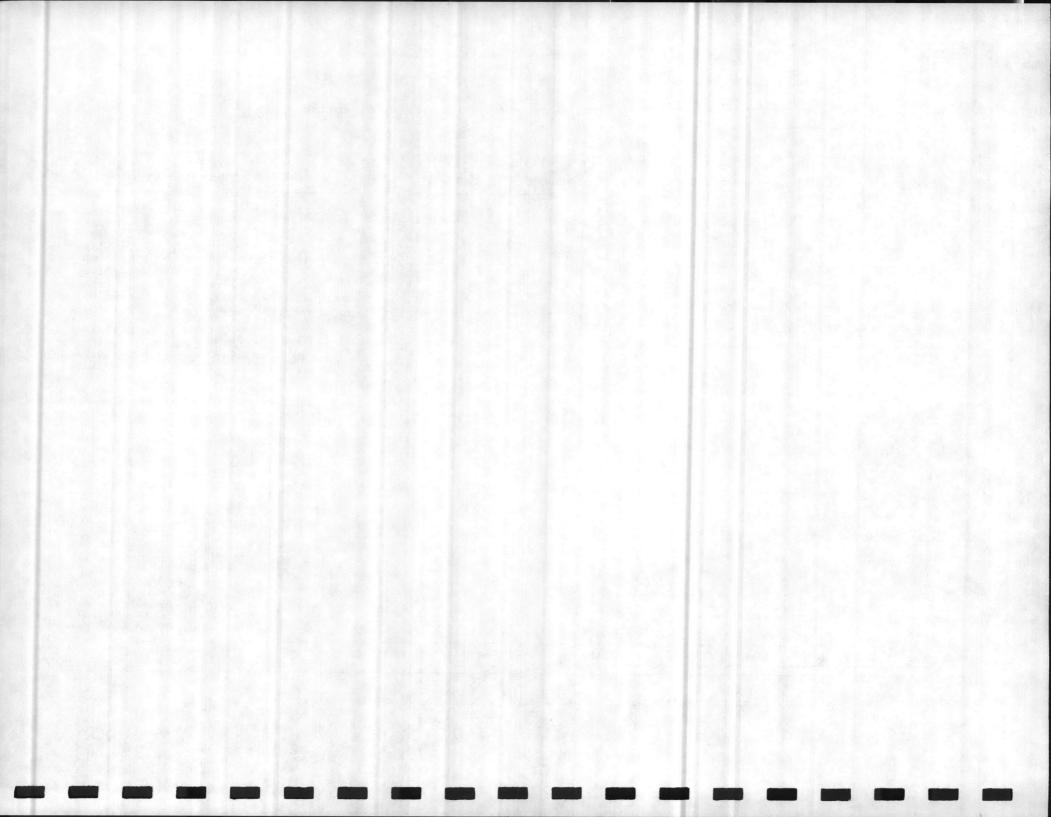
MANEUVER AREA MANAGER: D. J. Hashagen, Sr.___



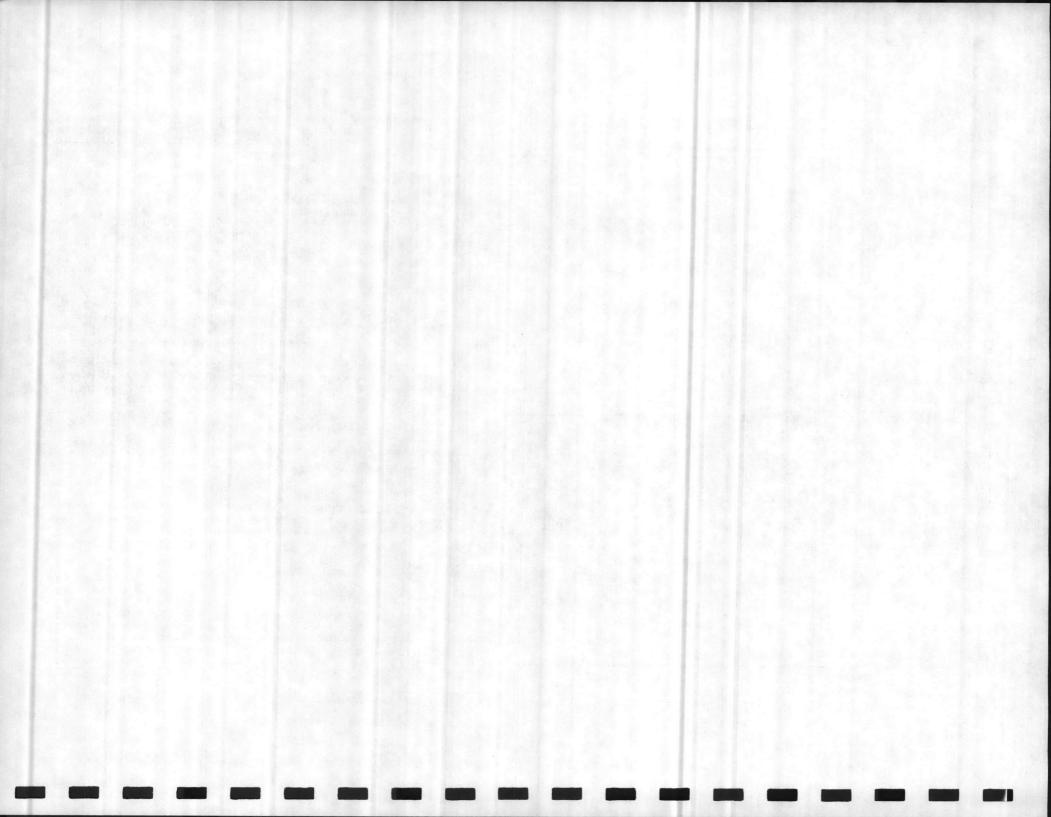
DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
List Capacity of an 8-Hour Training Day. Specify: Unit of Measure, e.g., No. of Bns/Sqdns No. of Aircraft/Helos No. of AAVs/LCACs as Appropriate	8	•	
Number of Days per Year the Maneuver Area is Available	335		
Non-availability per Year Total Maintenance Weather Budget Fire Condition/Weather Weekends/Holidays Other	30		
Is the Maneuver Area Capable of Nighttime Use? Yes, No	 Yes		·
Other Maneuver Areas/Ranges Which Must Be Closed When This Maneuver Area is in Use	Undefined		

FILE NAME: UP010077 PAGE 3 OF 5 DATE: 03/05/87

MANEUVER AREA MANAGER: D. J. Hashagen, Sr._



PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Yes MAGTF demonstrations		
Yes LZ Bluebird TP873258 GP-29 TP86952586		
8 14 8		
X X X Tree harvest X Fire Conditions		
	Yes MAGTF demonstrations Yes LZ Bluebird TP873258 GP-29 TP86952586 8 14 8 	Yes MACTF demonstrations



DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE
			1
		A Standard Standard	I. PARKET
AME: UP010077 OF 5 DATE: 03/05/87	MANEUVER AREA MANAGER: D.		 - UTMA



SUBMITTED BY: D. J. Hashagen, Sr., DRCO, AV 484-2102

	TYPE MANEUV	ER AREA:
Х	Infantry X	Electronic Warfare
x	Artillery	Amphibious Exercises
x	Armor (LAVs, AAVs, Tanks)	MAGTF FTX
x	Combined Arms	Air-to-Ground Operations
x	Communications Exercises	Other
x	Logistics Exercises	Other
_		

INSTRUCTIONS:

-- One form for each maneuver area

-- Fill in data elements as appropriate

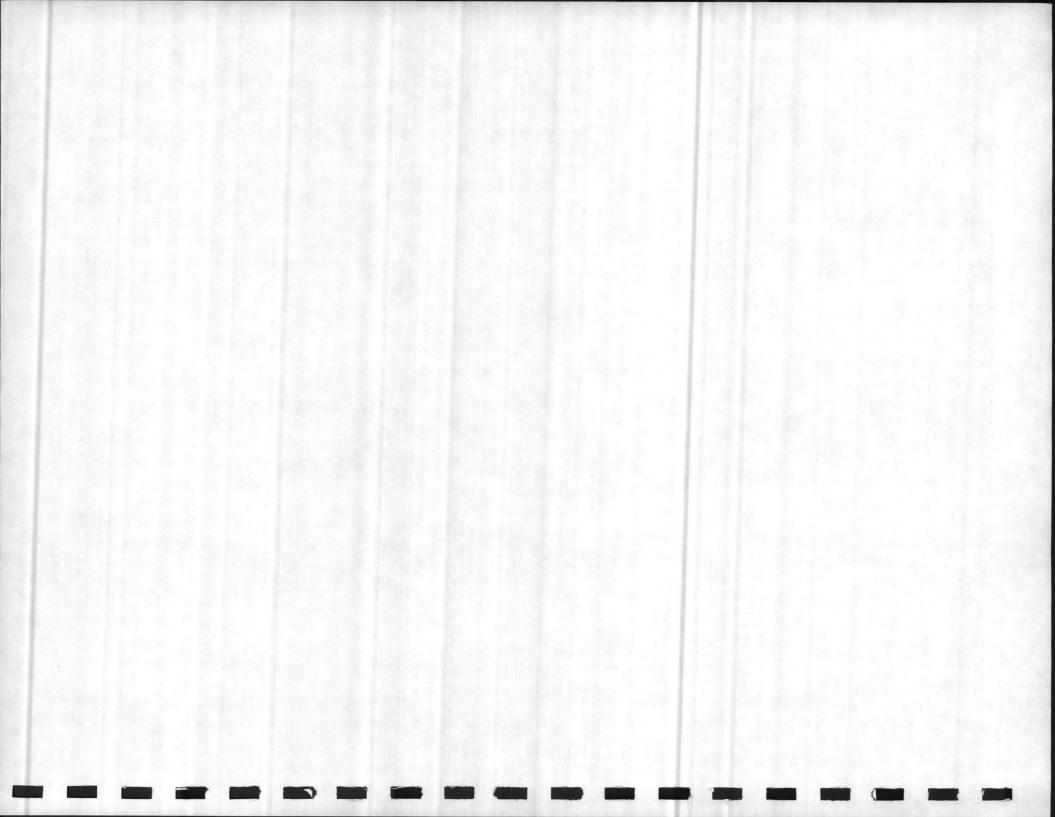
-- Use right column for new or improved maneuver areas needed

MANEUVER AREA NAME AND LOCATION: IE, MCB, Camp Lejeune, NC

PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
 3.75 sq km		
TP8429 to TP8431 to TP8528 to TP8531		
 R-5306D 17,999 S to N	······	
	3.75 sq km TP8429 to TP8431 to TP8528 to TP8531 R-5306D 17,999 S to N 5	PRESENT CHARACTERISTICS (INCLUDE YEAR) 3.75 sq km

PAGE 1 OF 5 DATE: 03/05/87

MANEUVER AREA MANAGER: D. J. Hashagen, Sr.



DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Climate Seasonal Tropic Temperate Arctic. Desert All-Weather (Indoor) Other		NOT APPLICABLE	NOT APPLICABLE
Terrain Type Percentage Mountainous Percentage Rolling Percentage Swamp Percentage Desert Percentage Beach Percentage Level Percentage Water	170 	NOT APPLICABLE	NOT APPLICABLE
Soil Type Percentage Rock Percentage Sand Percentage Clay Percentage Swamp/Marsh Percentage Loamy Percentage Other	100 	NOT APPLICABLE	NOT APPLICABLE
Vegetation Percentage None Percentage Sparse Percentage Moderate Percentage Heavy	190 I		

FILE NAME: UP010078 PAGE 2 OF 5 DATE: 03/05/87

MANEUVER AREA MANAGER: D. J. Hashagen, Sr.

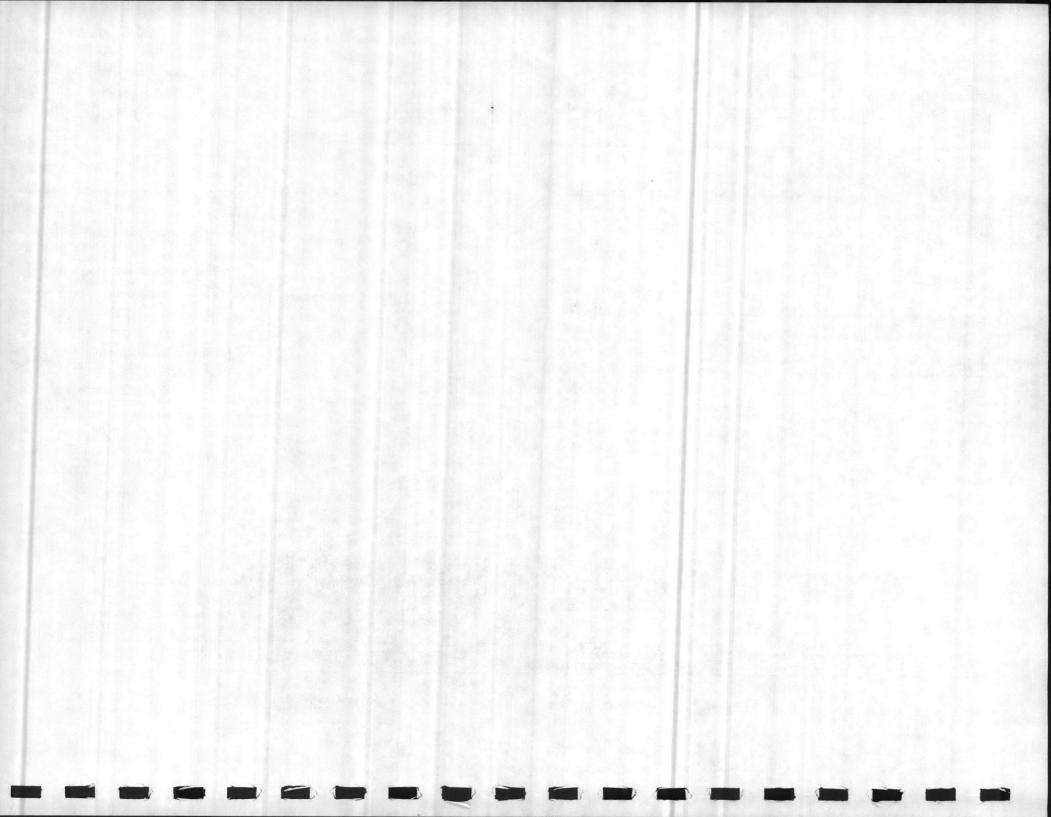


LATAR MANEUVER AR	CA INVENTORY	DATA FORM	(UTMAS-P-0001)	(CONTINUED)
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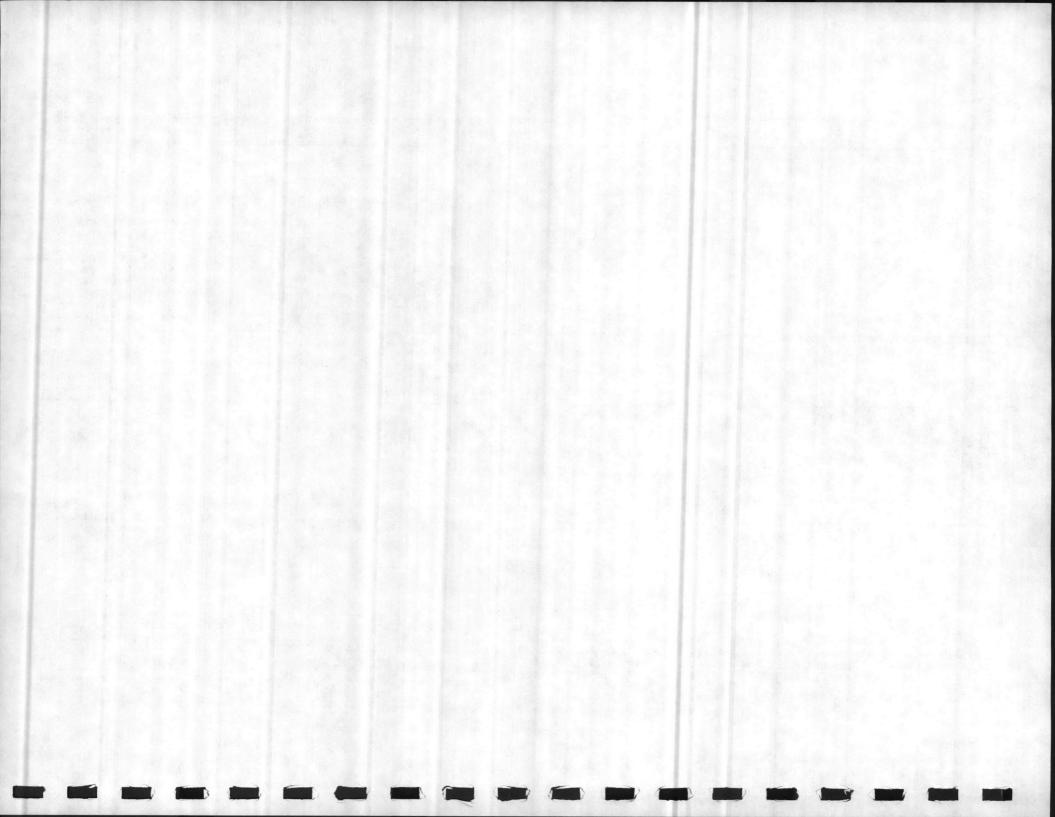
PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
	•	
 335 		
30		
 Yes 		
Undefined		
	2 15 335 	PRESENT CHARACTERISTICS (INCLUDE YEAR) 2

FILE NAME: UP010078 PAGE 3 OF 5 DATE: 03/05/87

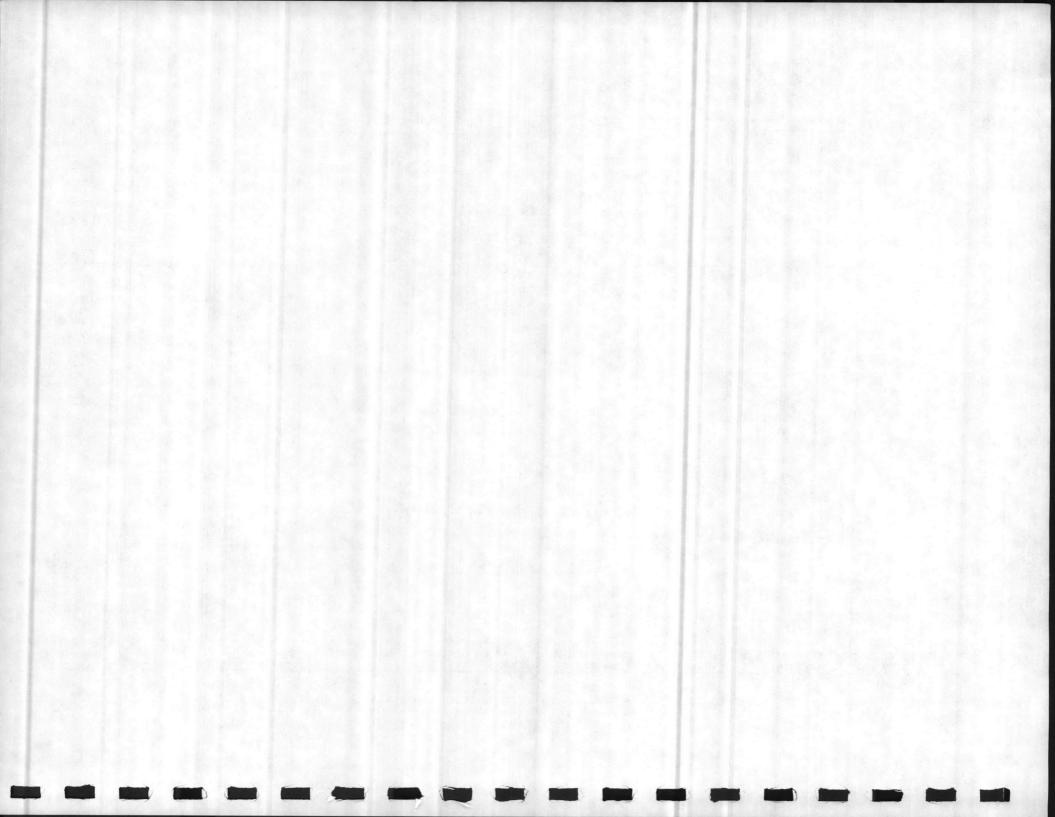
MANEUVER AREA MANAGER: D. J. Hashagen, Sr._



DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Are There Site-unique Features (Waivers to Man- euver Area Standards, Safety, etc.)? Yes, No, Explain	No		
Are There Site-unique Re- quirements Placed on Using Units? Yes, No, Explain	Yes GP-25 TP86182919		
Distance from Supply Points POL (km) Ammunition (km) Rations (km)	8	 	
Restrictions on Maneuver Area Use Environmental AICUZ FAA Gas/Chemical. Pyrotechnics/Flare Time of Day Time of Year Other	x		
FILE NAME: UP010078 PAGE 4 OF 5 DATE: 03/05/87	MANEUVER AREA MANAGER: D. J.		UTMAS-P-00



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	a subscription and a subscription and	
면접 그렇게 못하는 것 같이 없다. 생각하는 것이다.		
회사님은 이 같은 것이 안 소리는 것이 같은 것이 같이 같이 했다.		
가장되는 것은 것은 것이 있다. 것은 것이 같아요.		
		·i



SUBMITTED BY: D. J. Hashagen, Sr., DRCO, AV 484-2102

 Infantry
 Electronic Warfare

 Artillery
 Amphibious Exercises

 Armor (LAVs, AAVs, Tanks)
 MAGTF FTX

 Combined Arms
 Air-to-Ground Operations

 Communications Exercises
 Other

 Logistics Exercises
 Other

MANEUVER AREA NAME AND LOCATION: IF, MCB, Camp Lejeune, NC

INSTRUCTIONS:

-- One form for each maneuver area

-- Fill in data elements as appropriate

-- Use right column for new or improved maneuver areas needed

DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Range Shape and Dimensions Dimensions (km)	3 sq km		
Primary Direction of Fire	TP8427 to TP8329 to TP8627 to		
	TP8728		
Associated Air Space Altitude (ft) Ingress and Egress Routes			
No. of Land Access Routes No. of Land Water Routes			
No. of Air Ingress Routes			
No. of Air Egress Routes	1		
No. of Beach Access Areas	••••••	••••••	

PAGE 1 OF 5 DATE: 03/05/87

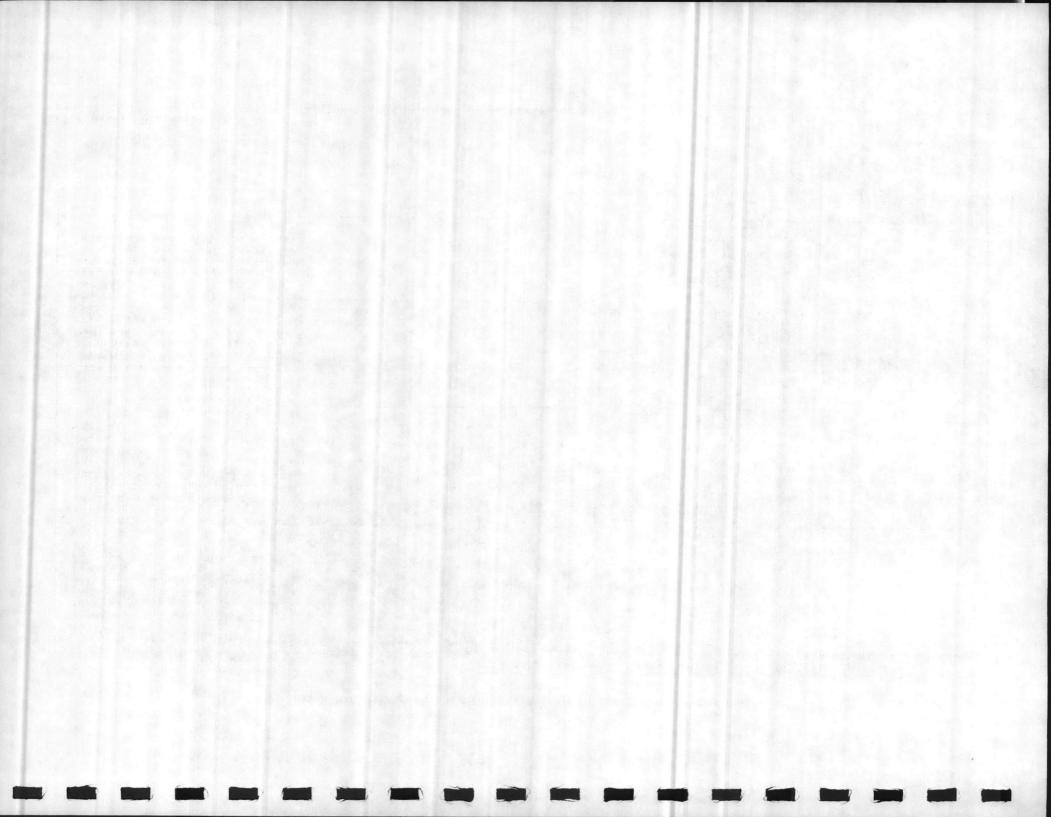
MANEUVER AREA MANAGER: D. J. Hashagen, Sr.



DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Climate SeasonalX Tropic Temperate Arctic. Desert All-Weather (Indoor) Other		NOT APPLICABLE	NOT APPLICABLE
Ferrain Type Image: Constraint of the system Percentage Mountainous Image: Constraint of the system Percentage Rolling	0	NOT APPLICABLE	NOT APPLICABLE
Soil Type Percentage Rock		NOT APPLICABLE	. NOT APPLICABLE
Vegetation Percentage None Percentage Sparse Percentage Moderate			

FILE NAME: UP010079 PAGE 2 OF 5 DATE: 03/05/87

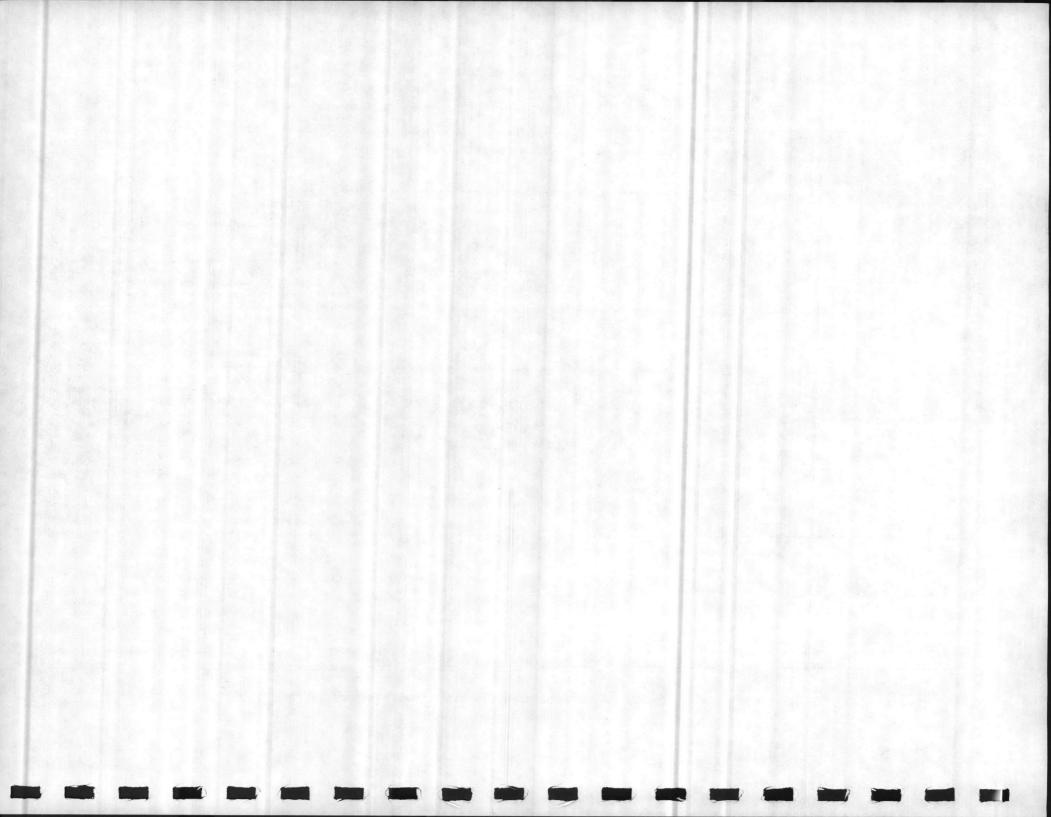
MANEUVER AREA MANAGER: D. J. Hashagen, Sr._



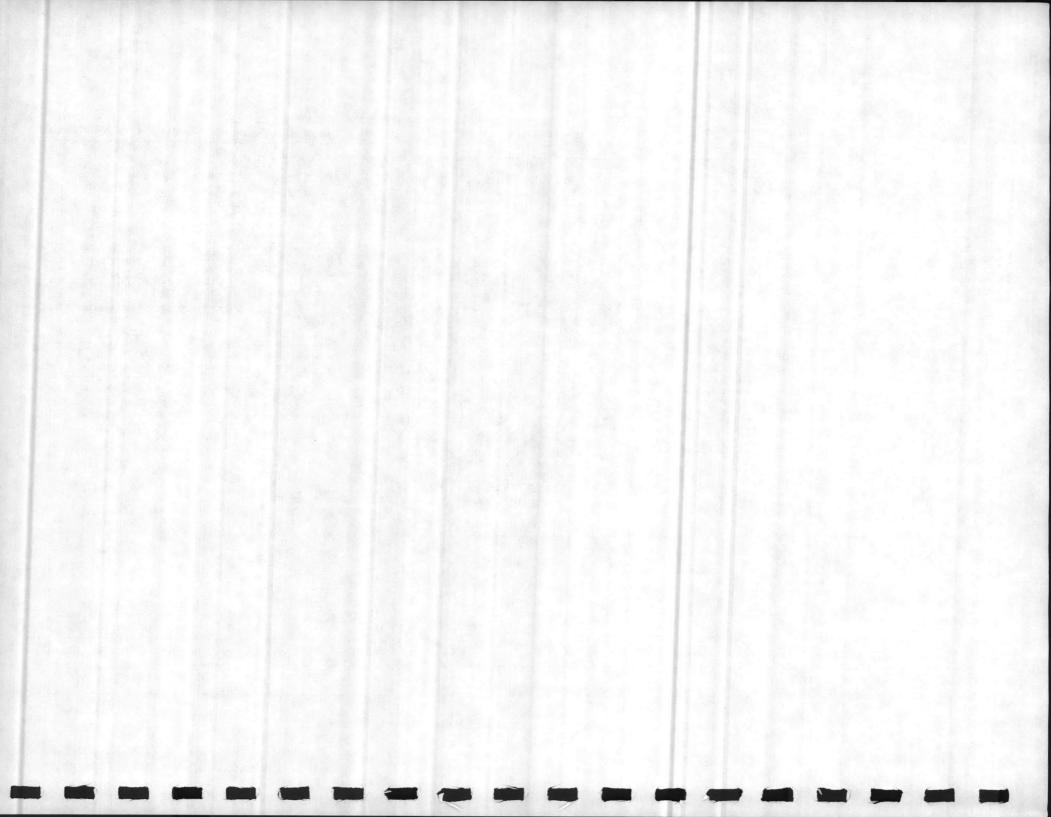
DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
List Capacity of an 8-Hour Training Day. Specify: Unit of Measure, e.g., No. of Bns/Sqdns No. of Aircraft/Helos No. of AAVs/LCACs as Appropriate	8	•	
Number of Days per Year the Maneuver Area is Available	335		
Non-availability per Year Total Maintenance Weather Budget Fire Condition/Weather Weekends/Holidays Other	30		0
Is the Maneuver Area Capable of Nighttime Use? Yes, No	Yes	 	· · · · · · · · · · · · · · · · · · ·
Other Maneuver Areas/Ranges Which Must Be Closed When This Maneuver Area is in Use	Undefined		

FILE NAME: UP010079

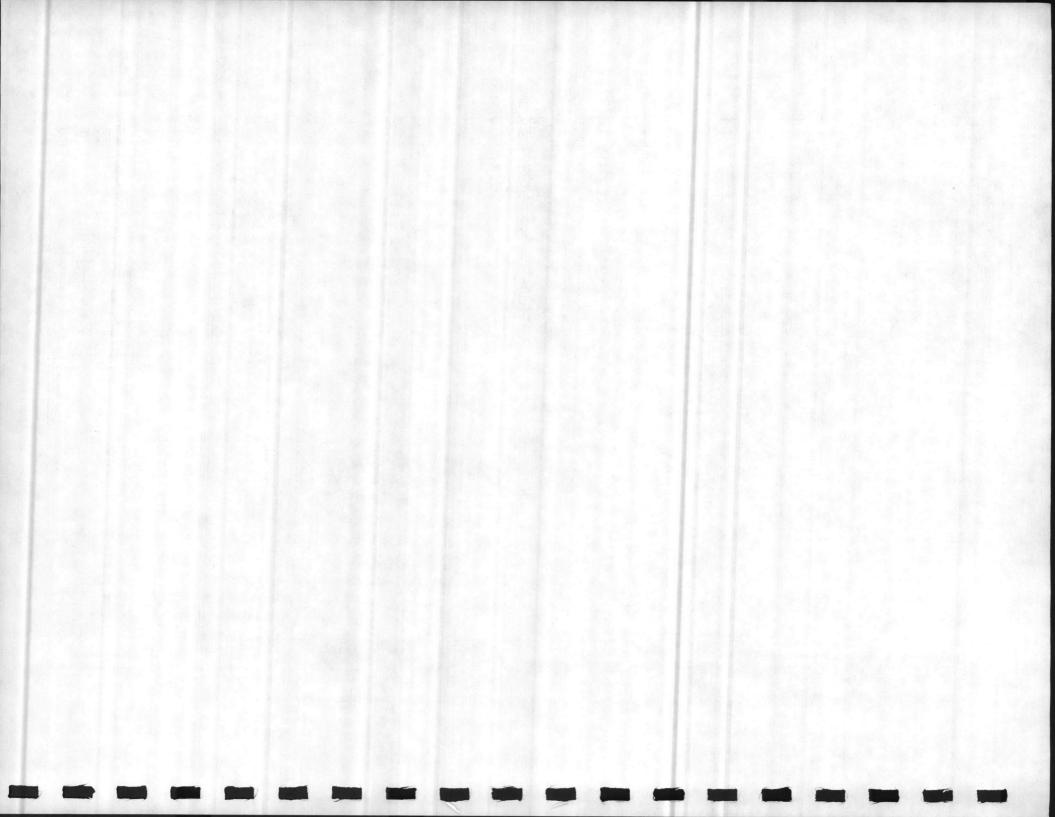
PAGE 3 OF 5 DATE: 03/05/87 MANEUVER AREA MANAGER: D. J. Hashagen, Sr._



Are There Site-unique Peatures (Waivers to Man- euver Area Standards, Safety, etc.)? No Are There Site-unique Re- quirements Placed on Using Units? Yes OP-24 TP65072836 LZ Canary TP852284 Distance from Supply Points POL (km)	DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE
quirements Placed on Using Units? GP-24 TP85072836 LZ Canary TP852284 Yes, No, Explain LZ Canary TP852284 Distance from Supply Points POL (km)	Features (Waivers to Man- euver Area Standards, Safety, etc.)?	No		
quirements Placed on Using Units? GP-24 TP85072836 LZ Canary TP852284 Yes, No, Explain LZ Canary TP852284 Distance from Supply Points POL (km)				
POL (km)	quirements Placed on Using Units?	GP-24 TP85072836		
Area Use Environmental Environmental AICUZ AICUZ FAA Noise FAA Sas/Chemical X Pyrotechnics/Flare Time of Day Time of Year X Tother X	POL (km) Ammunition (km)	8	 	
	Area Use Environmental AICUZ FAA. Noise Gas/Chemical. Pyrotechnics/Flare Time of Day. Time of Year Other.	x		



DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE
			1
		1	
		A CARACTERINA A. S.	
ME: UP010079		-	-



SUBMITTED BY: D. J. Hashagen, Sr., DRCO, AV 484-2102

MANEUVER AREA NAME AND LOCATION: JA, MCB, Camp Lejeune, NC

TYPE MANEUVER	
Infantry	Electronic Warfare
Artillery	Amphibious Exercises
Armor (LAVs, AAVs, Tanks)	MAGTF FTX
Combined Arms	Air-to-Ground Operations
Communications Exercises	Other
Logistics_Exercises	Other

INSTRUCTIONS:

-- One form for each maneuver area

-- Fill in data elements as appropriate

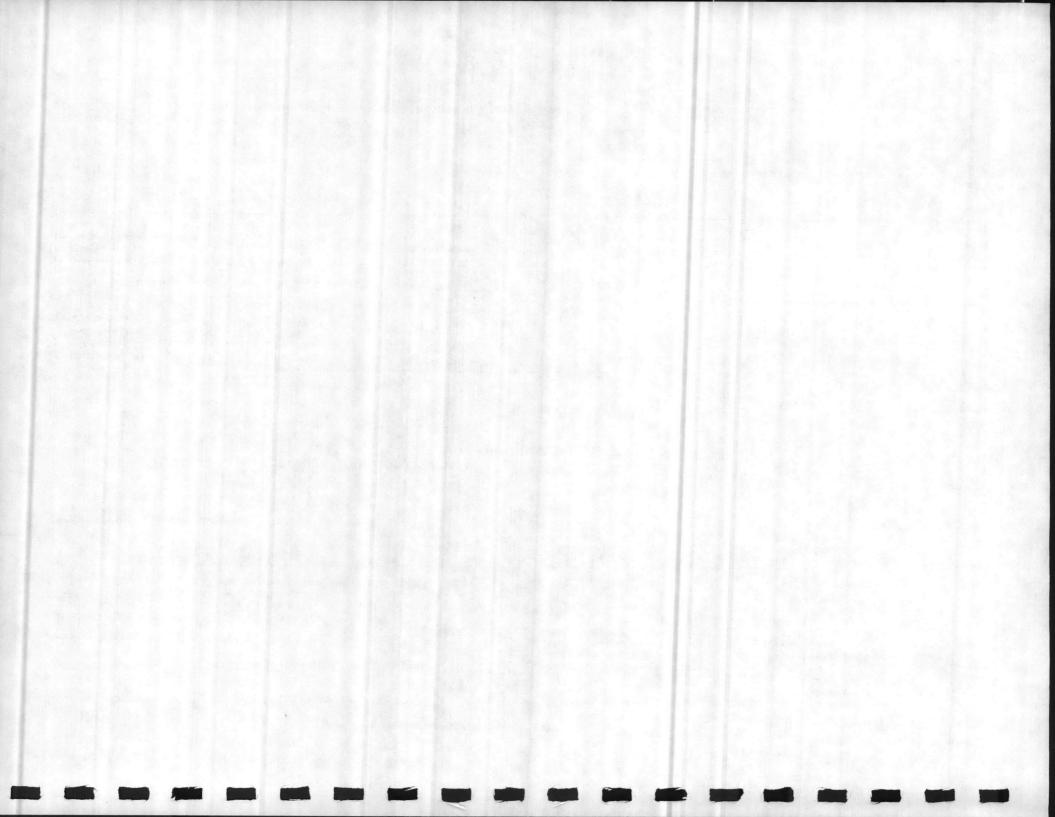
-- Use right column for new or improved maneuver areas needed

PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	- DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
1.8 sq km		
 TP8230 to TP8431 to TP8429 to TP8431		
 R-5306D 17,999 E to N		
	1.8 sq km TP8230 to TP8431 to TP8429 to TP8431 R-5306D 17,999 E to N 	PRESENT CHARACTERISTICS (INCLUDE YEAR) 1.8 sq km

PAGE 1 OF 5 DATE:

03/05/8

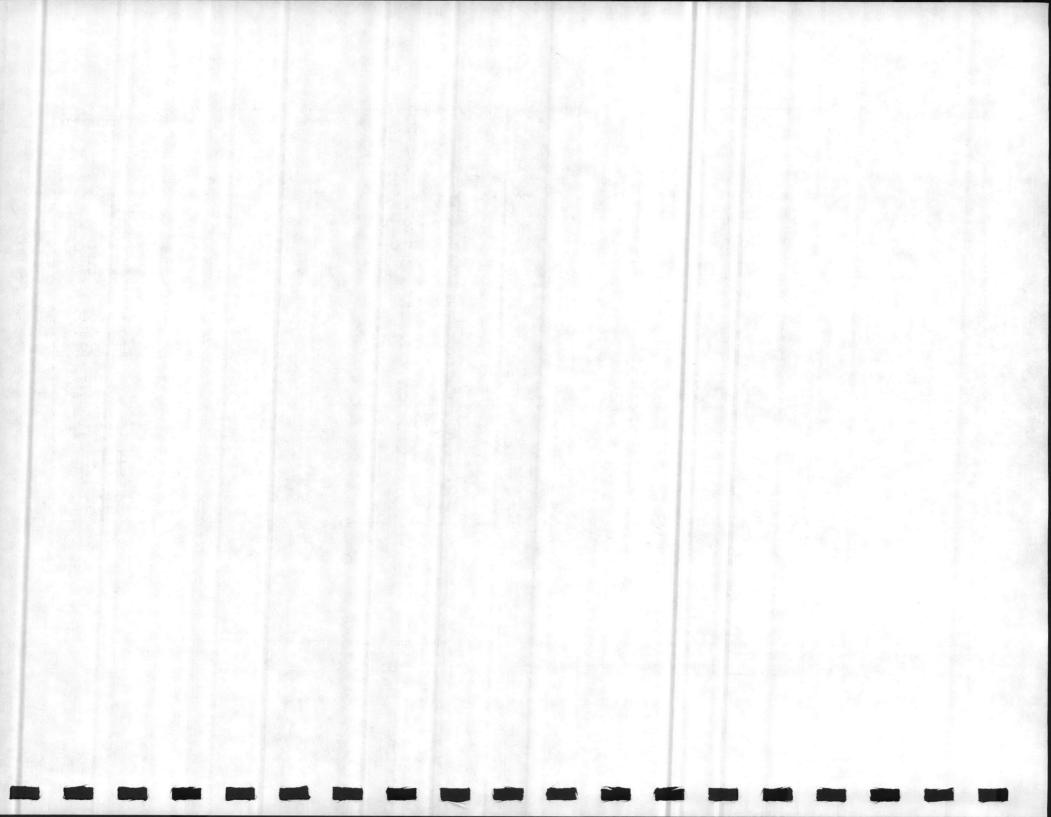
MANEUVER AREA MANAGER



DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Climate Seasonal Tropic Temperate Arctic Desert All-Weather (Indoor) Other	X	NOT APPLICABLE	NOT APPLICABLE
Terrain Type Percentage Mountainous Percentage Rolling Percentage Swamp Percentage Desert Percentage Beach Percentage Level Percentage Water	50 	NOT APPLICABLE	NOT APPLICABLE
Soil Type Percentage Rock Percentage Sand Percentage Clay Percentage Swamp/Marsh Percentage Loamy Percentage Other	100	NOT APPLICABLE	NOT APPLICABLE
Vegetation Percentage None Percentage Sparse Percentage Moderate Percentage Heavy	l 1100		

FILE NAME: UP010080 PAGE 2 OF 5 DATE: 03/05/

DATE: 03/05/87 MANEUVER AREA MANAGER: D. J. Hashagen, Sr.



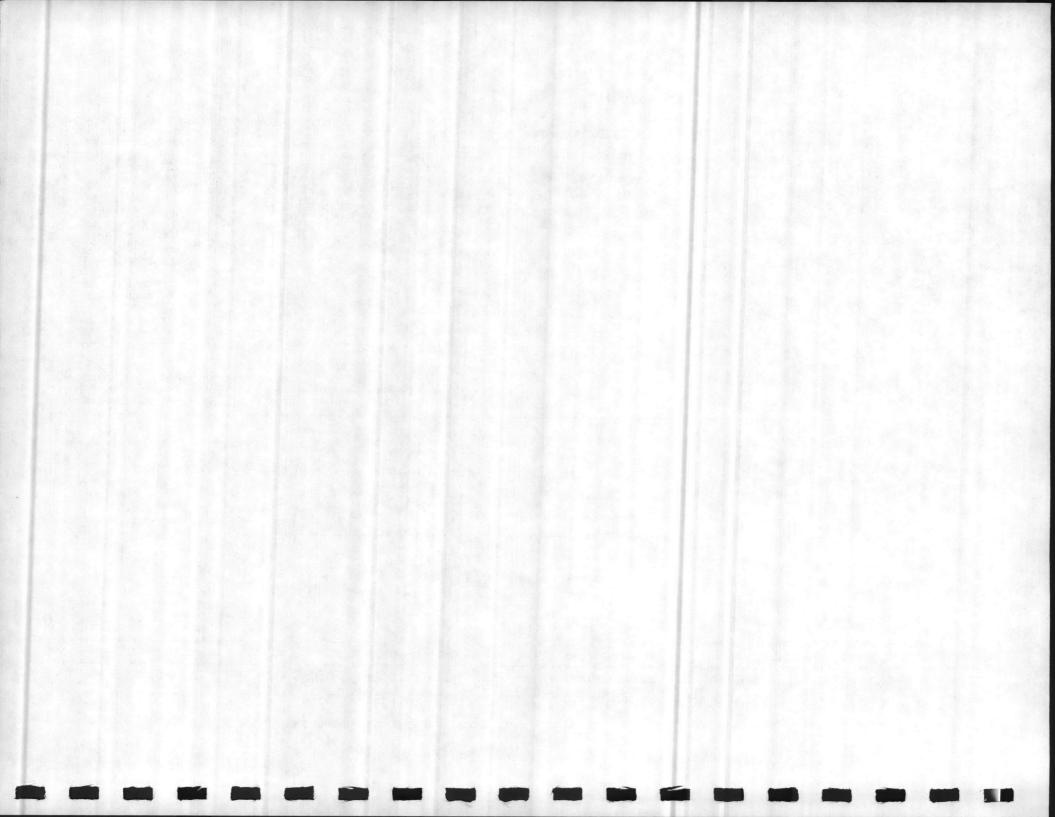
DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
List Capacity of an 8-Hour Training Day. Specify: Unit of Measure, e.g., No. of Bns/Sqdns No. of Aircraft/Helos No. of AAVs/LCACs as Appropriate	INA	•	
Number of Days per Year the Maneuver Area is Available	335		
Non-availability per Year Total Maintenance Weather Budget Fire Condition/Weather Weekends/Holidays Other	30		0
Is the Maneuver Area Capable of Nighttime Use? Yes, No	 Yes 	•	 ,
Other Maneuver Areas/Ranges Which Must Be Closed When This Maneuver Area is in Use	Undefined		

FILE NAME: UP010080

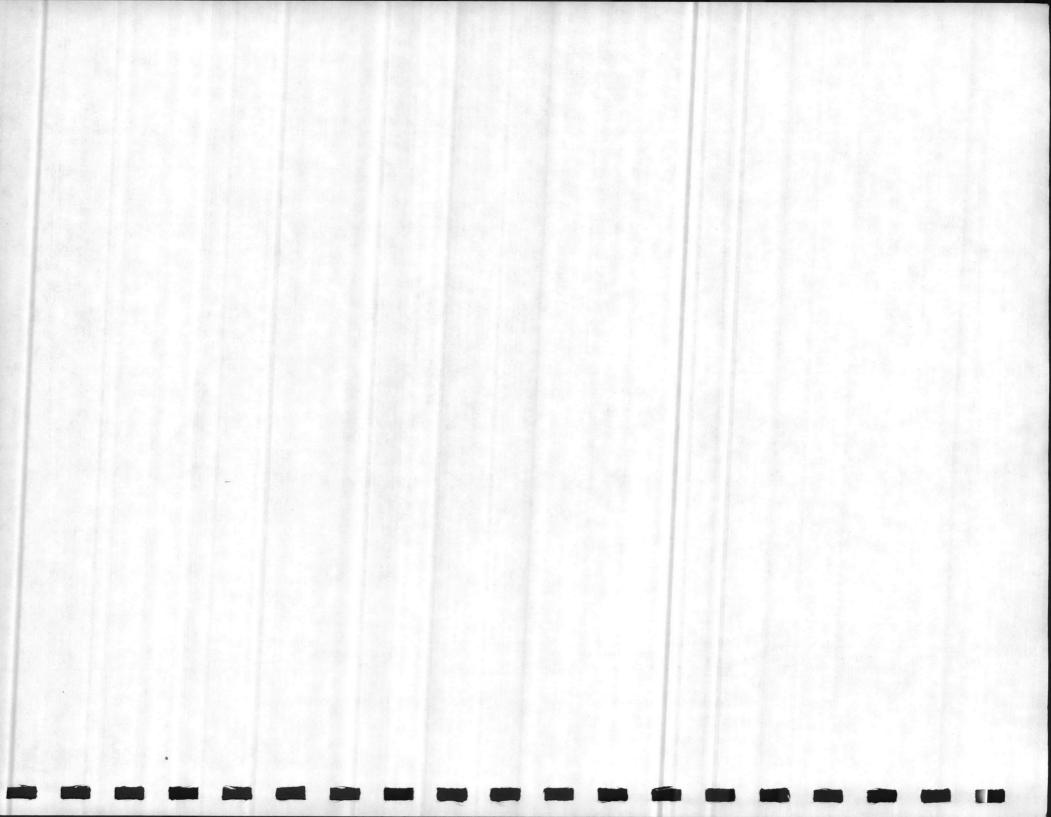
PAGE 3 OF 5 DATE: 03/05/87 MANEUVER AREA MANAGER: D. J. Hashagen, Sr.



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	harvest Conditions	harvest Conditions	harvest Conditions



DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABL
		•	
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	1		
			-



SUBMITTED BY: D. J. Hashagen, Sr., DRCO, AV 484-2102

MANEUVER AREA NAME AND LOCATION: JB, MCB, Camp Lejeune, NC

	TYPE MANE	UVER AREA:
Х	Infantry X	Electronic Warfare
X	Artillery	Amphibious Exercises
X	Armor (LAVs, AAVs, Tanks)	MAGTF FTX
	Combined Arms	Air-to-Ground Operations
X	Communications Exercises	Other
X	Logistics Exercises	Other

INSTRUCTIONS:

-- One form for each maneuver area

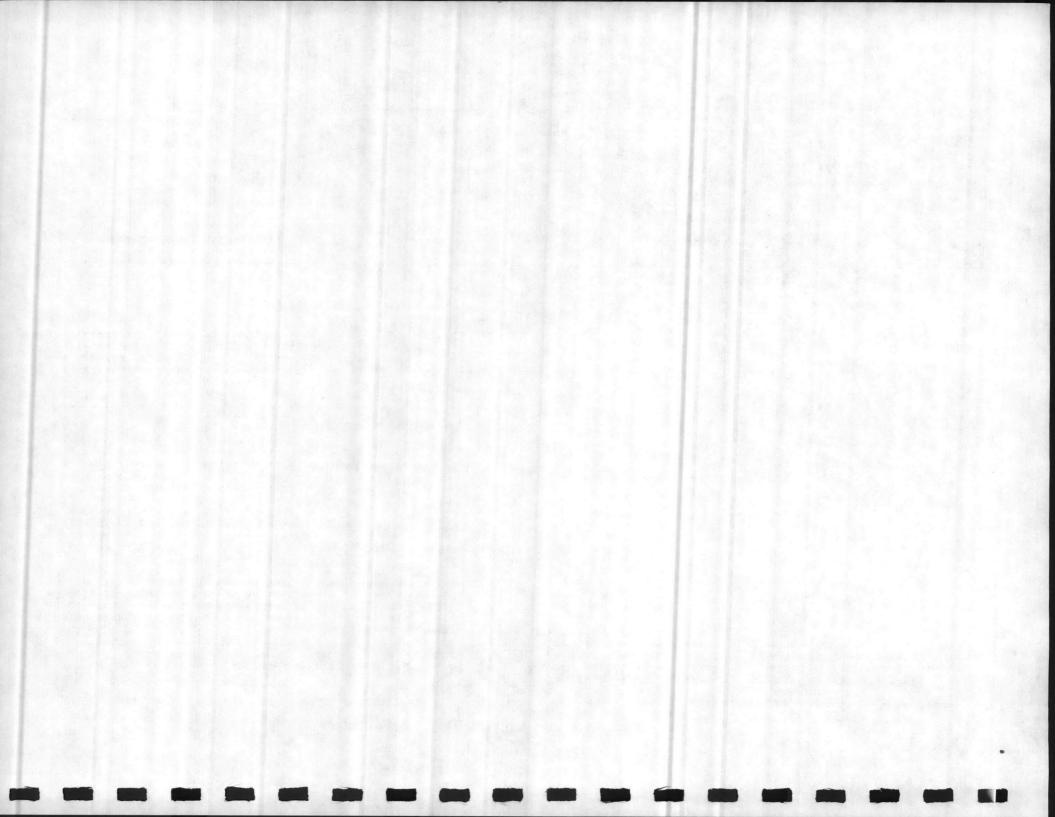
-- Fill in data elements as appropriate

-- Use right column for new or improved maneuver areas needed

DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS
Range Shape and Dimensions Dimensions (km)	8 sq km		
Primary Direction of Fire			
	TP8030 to TP8031 to TP8130 to TP8130		
Associated Air Space Altitude (ft) Ingress and Egress Routes		· · · · · · · · · · · · · · · · · · ·	
Access			
No. of Land Access Routes No. of Land Water Routes			
No. of Air Ingress Routes No. of Air Egress Routes			
No. of Beach Access Areas			

PAGE 1 OF 5 DATE: 03/05/87

MANEUVER AREA MANAGER: D. J. Hashagen, Sr.



DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Climate Seasonal Tropic Temperate Arctic Desert All-Weather (Indoor) Other	X	NOT APPLICABLE	NOT APPLICABLE
Terrain Type Percentage Mountainous Percentage Rolling Percentage Swamp Percentage Desert Percentage Beach Percentage Level Percentage Water	80	NOT APPLICABLE	NOT APPLICABLE
Soil Type Percentage Rock Percentage Sand Percentage Clay Percentage Swamp/Marsh Percentage Loamy Percentage Other	20	NOT APPLICABLE	NOT APPLICABLE
Vegetation Percentage None Percentage Sparse Percentage Moderate Percentage Heavy	40		

FILE NAME: UP010081 PAGE 2 OF 5 DATE: 03/05/87

MANEUVER AREA MANAGER: D. J. Hashagen, Sr.



LATAR MANEUVER ARE	EA INVENTORY	DATA FORM	(UTMAS-P-0001)	(CONTINUED)
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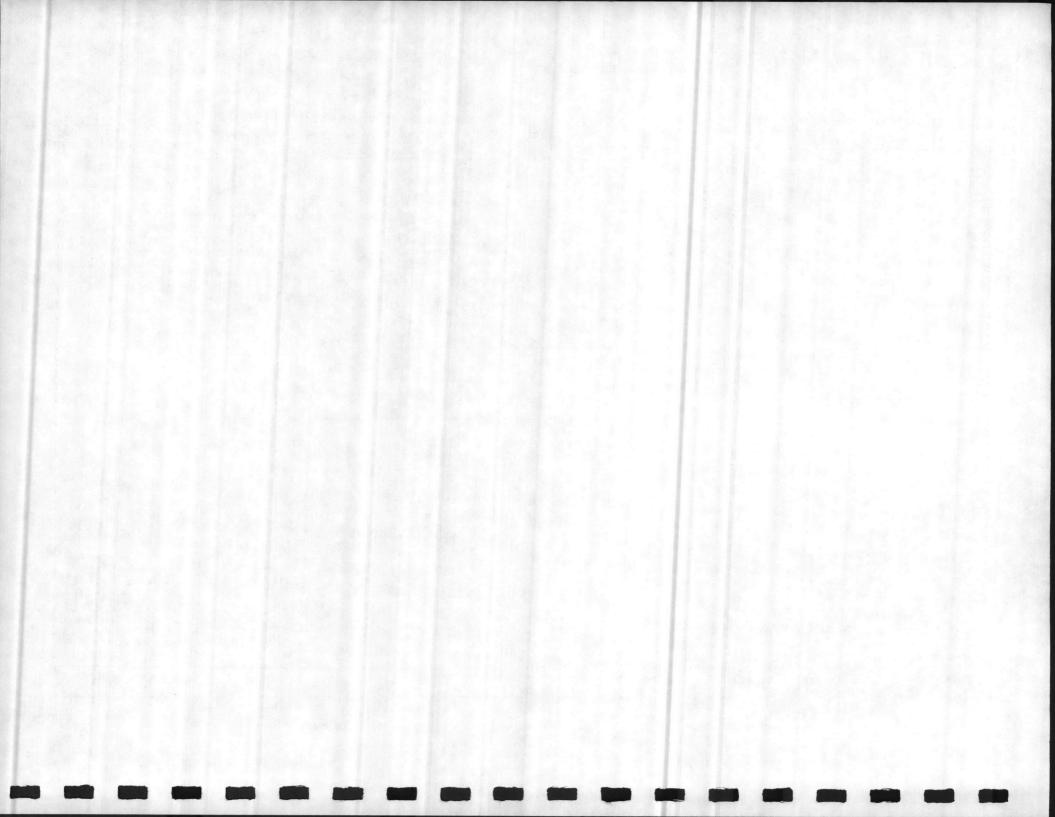
PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
1 Co 10	·····	
335		
30 30 		
Yes		
Undefined		
	1 Co 10 335 30 30 Yes	PRESENT CHARACTERISTICS (INCLUDE YEAR) 1 Co

FILE NAME: UP010081 PAGE 3 OF 5 DATE: 03/05/87

MANEUVER AREA MANAGER: D. J. Hashagen, Sr._



DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE
Are There Site-unique Features (Waivers to Man- euver Area Standards, Safety, etc.)? Yes, No, Explain	No	•	
Are There Site-unique Re- quirements Placed on Using Units? Yes, No, Explain	No		
Distance from Supply Points POL (km) Ammunition (km) Rations (km)	10 3		
Restrictions on Maneuver Area Use Environmental AICUZ FAA Noise Gas/Chemical Pyrotechnics/Flare Time of Day Time of Year Other	X		



DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE
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: UP010081		1	



LATAR MANEUVER AREA INVENTORY DATA FORM (UTMAS-P-0001)

SUBMITTED BY: D. J. Hashagen, Sr., DRCO, AV 484-2102

----- TYPE MANEUVER AREA: -----X____ Electronic Warfare Infantry х Amphibious Exercises Artillery Х MAGTE FTX Armor (LAVs, AAVs, Tanks) х Air-to-Ground Operations Combined Arms X Communications Exercises Other Logistics Exercises X Other

MANEUVER AREA NAME AND LOCATION: JC, MCB, Camp Lejeune, NC

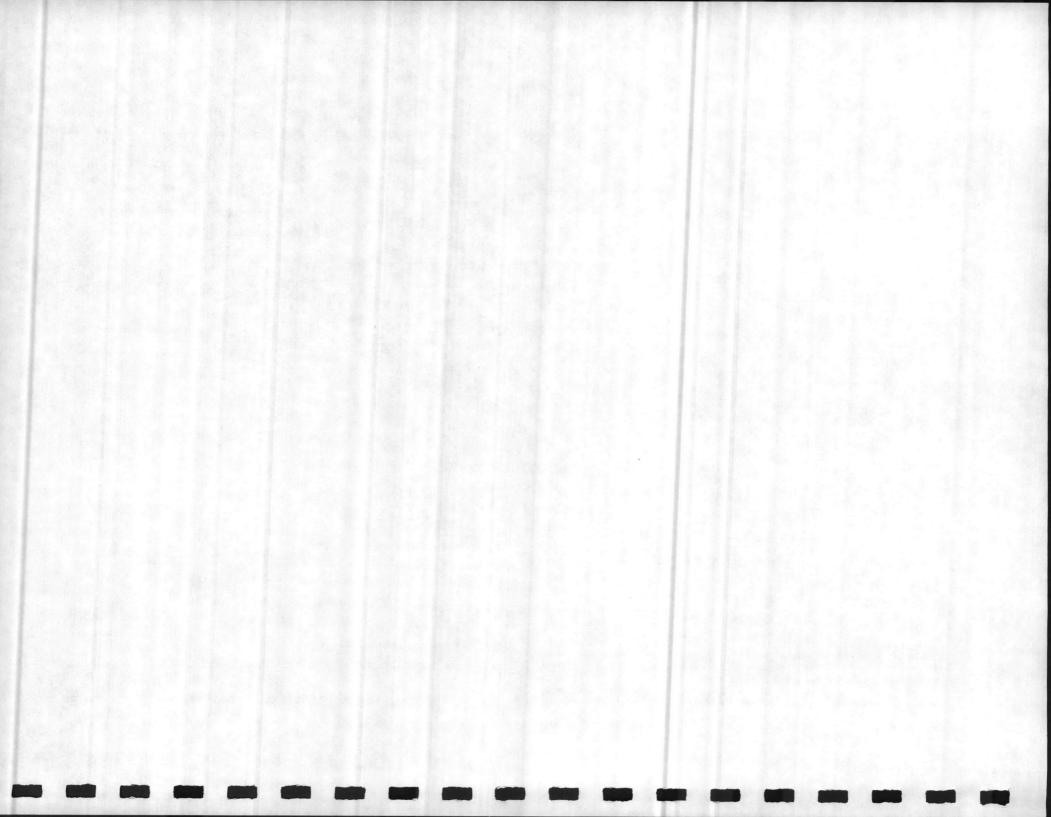
INSTRUCTIONS:

-- One form for each maneuver area

-- Fill in data elements as appropriate

-- Use right column for new or improved maneuver areas needed

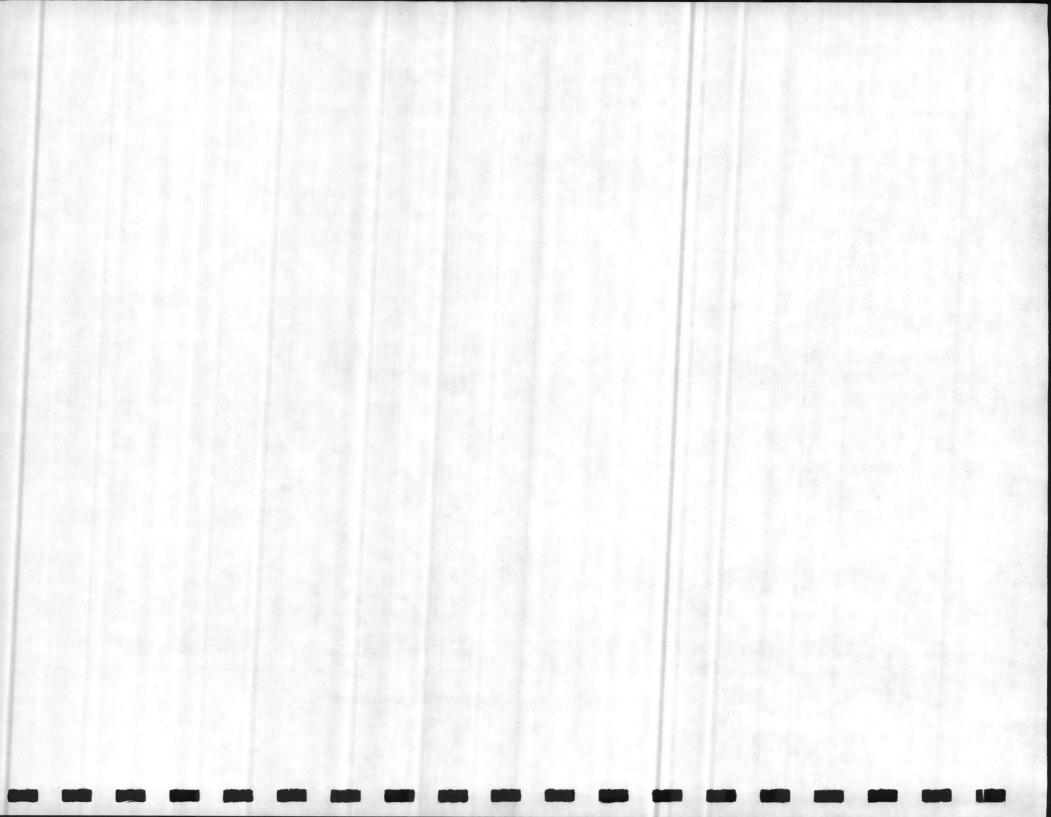
PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS
1.5 sq km TP8029 to TP8130 to TP8128 to TP8231		
		· · · · · · · · · · · · · · · · · · ·
3 		
	1.5 sq km TP8029 to TP8130 to TP8128 to TP8231 R-5306D 17,999 E to W 4 3	PRESENT CHARACTERISTICS (INCLUDE YEAR) 1.5 sq km



DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Climate Seasonal Tropic Temperate Arctic. Desert All-Weather (Indoor) Other		NOT APPLICABLE	NOT APPLICABLE
Terrain Type Percentage Mountainous Percentage Rolling Percentage Swamp Percentage Desert Percentage Beach Percentage Level Percentage Water	50 15 35	NOT APPLICABLE	NOT APPLICABLE
Soil Type Percentage Rock Percentage Sand Percentage Clay Percentage Swamp/Marsh Percentage Loamy Percentage Other	85 15 	NOT APPLICABLE	NOT APPLICABLE
Vegetation Percentage None Percentage Sparse Percentage Moderate Percentage Heavy	170		

FILE NAME: UP010082 PAGE 2 OF 5 DATE: 03/05/87

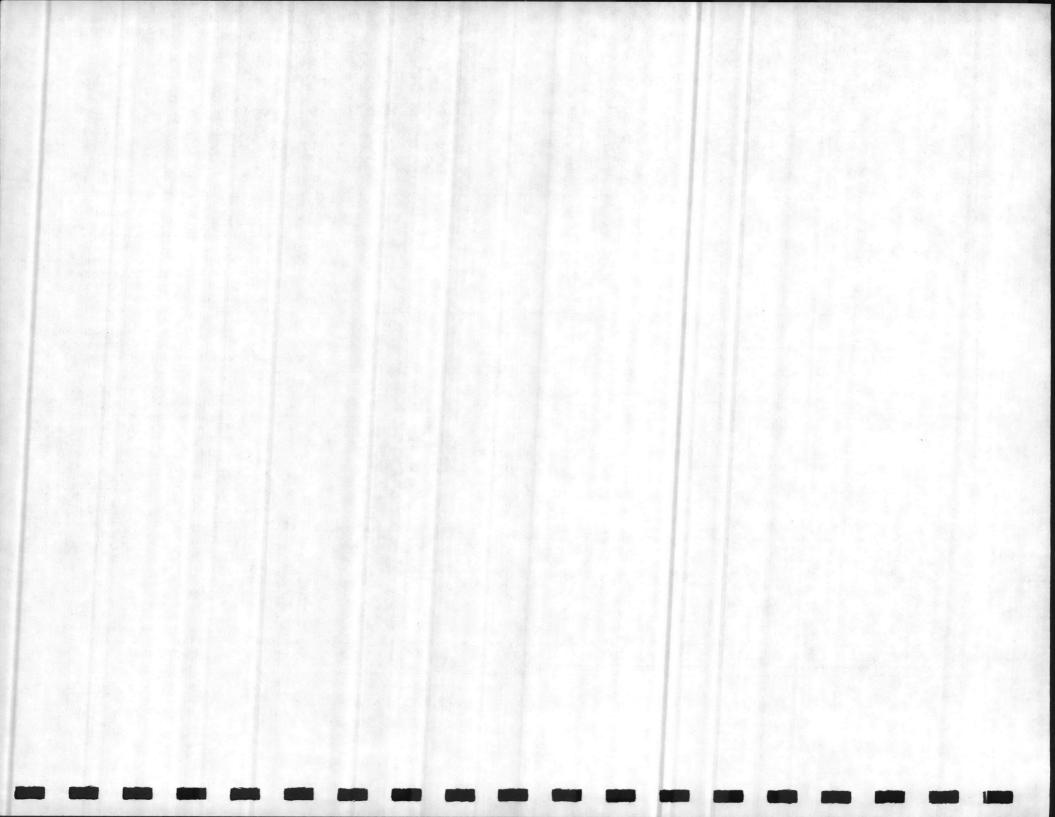
MANEUVER AREA MANAGER: D. J. Hashagen, Sr.



PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
	·····	
335	· · ·	
30	0	
 Yes 		 .
 Undefined 		
	1 Co 10 335 30 30	PRESENT CHARACTERISTICS (INCLUDE YEAR) 1 Co

FILE NAME: UP010082 PAGE 3 OF 5 DATE: 03/05/87

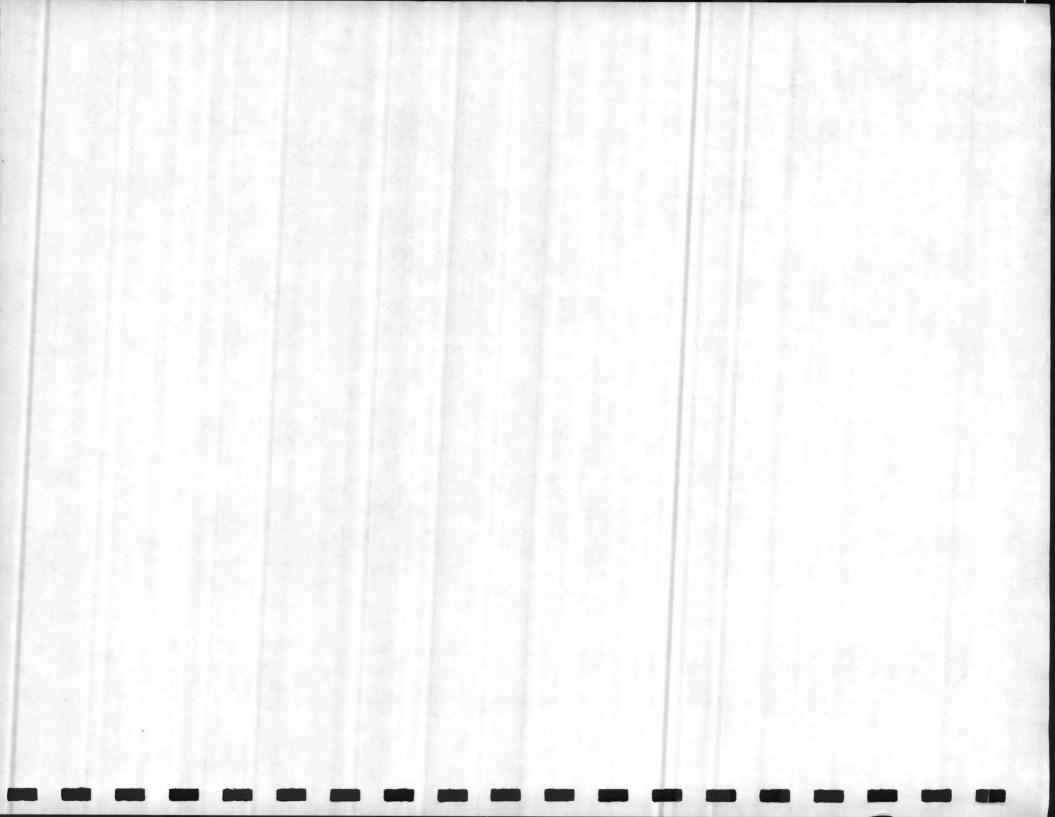
MANEUVER AREA MANAGER: D. J. Hashagen, Sr.



PRESENT CHARACTERISTICS		DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE
No	•	
Yes GP TP81403040		
5 12 5	·	
X X X Tree harvest X Fire Conditions		
		No Yes GP TP81403040



ARACTERISTICS	(INCLUDE	YEAR)	(SPECIFY YEAR	NEEDED IF APPLIC
			1.100	
	La the state			
			 .	
	ALC: NORMAL STREET			



LATAR MANEUVER AREA INVENTORY DATA FORM (UTMAS-P-0001)

SUBMITTED BY: D. J. Hashagen, Sr., DRCO, AV 484-2102

	TYPE M	ANEUVER	AREA:
X	Infantry	х	Electronic Warfare
	Artillery	X	Amphibious Exercises
X	Armor (LAVs, AAVs, Tanks	3)	MAGTF FTX
	Combined Arms		Air-to-Ground Operations
X	Communications Exercises	3	Other
x	Logistics Exercises		Other

MANEUVER AREA NAME AND LOCATION: JD, MCB, Camp Lejeune, NC

INSTRUCTIONS:

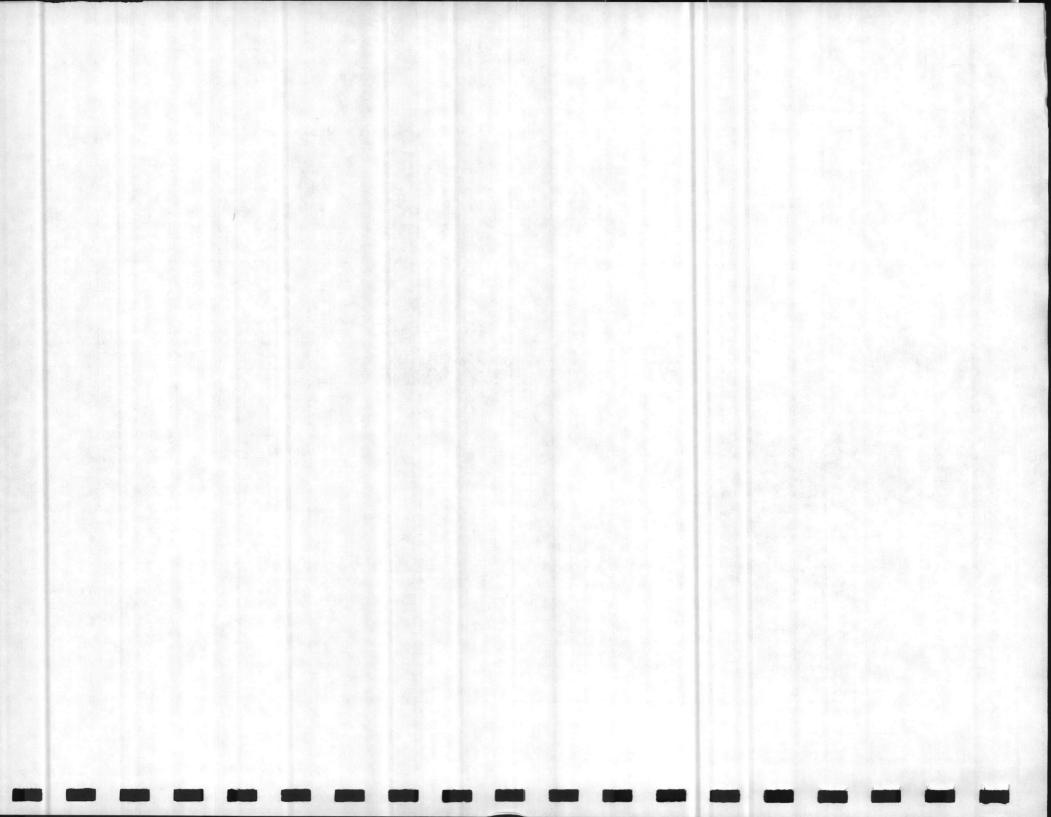
-- One form for each maneuver area

--- Fill in data elements as appropriate --- Use right column for new or improved maneuver areas needed

DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS
Range Shape and Dimensions Dimensions (km)	1 sq km		
Primary Direction of Fire			
	TP7928 to TP7930 to TP8028 to TP8030		
Associated Air Space	 R-5306D		
Altitude (ft) Ingress and Egress Routes			
Access No. of Land Access Routes			
No. of Land Water Routes No. of Air Ingress Routes			
No. of Air Egress Routes No. of Beach Access Areas			

DATE: 03/05/87 PAGE 1 OF 5

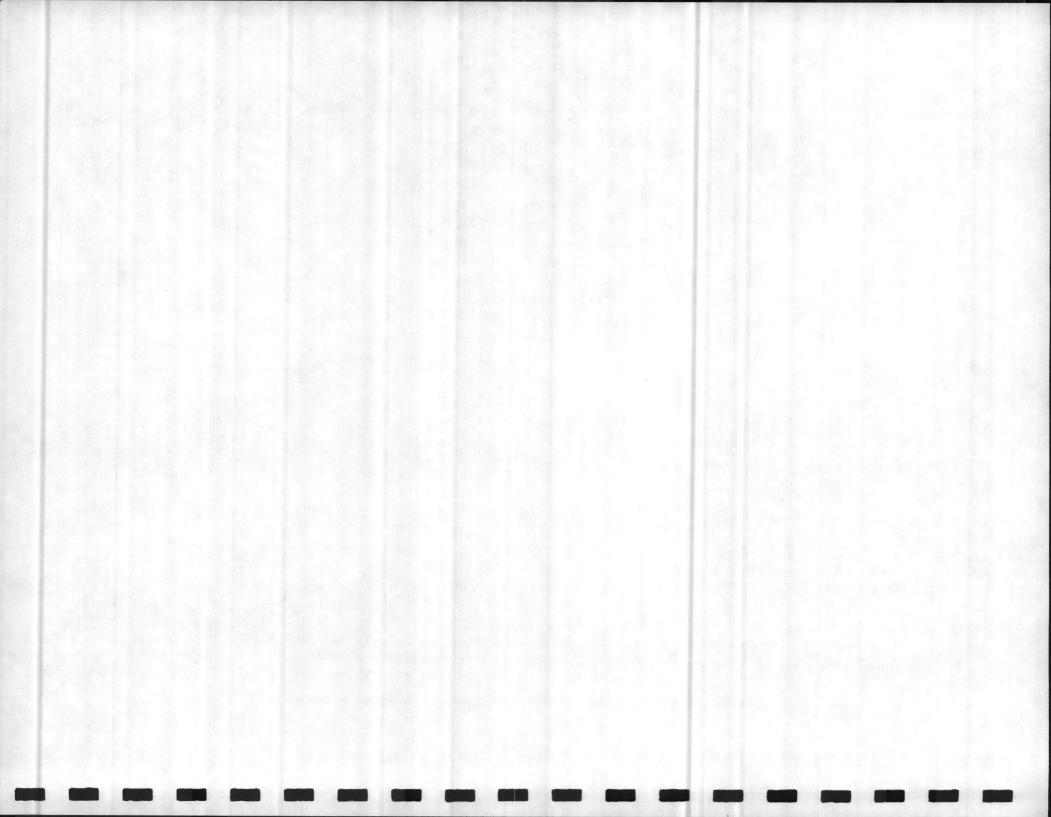
MANEUVER AREA MANAGER: D. J. Hashagen, Sr.



DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Climate Seasonal Tropic Temperate Arctic Desert All-Weather (Indoor) Other	x	NOT APPLICABLE	NOT APPLICABLE
Terrain Type Percentage Mountainous Percentage Rolling Percentage Swamp Percentage Desert Percentage Beach Percentage Level Percentage Water	90	NOT APPLICABLE	NOT APPLICABLE
Soil Type Percentage Rock Percentage Sand Percentage Clay Percentage Swamp/Marsh Percentage Loamy Percentage Other		NOT APPLICABLE	NOT APPLICABLE
Vegetation Percentage None Percentage Sparse Percentage Moderate Percentage Heavy	80		

FILE NAME: UP010083

PAGE 2 OF 5 DATE: 03/05/87 MANEUVER AREA MANAGER: D. J. Hashagen, Sr.

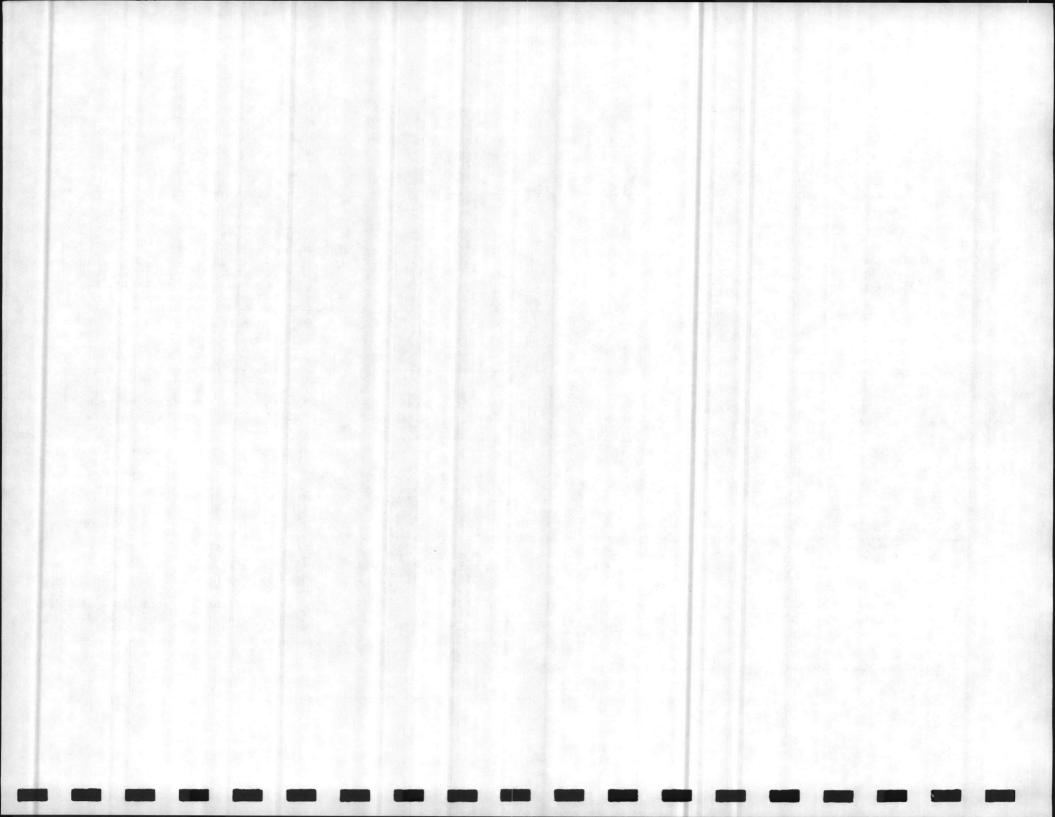


LATAR MANEUVER AREA INVENTORY DATA FORM (UTMAS-P-0001) (CONTINUE	LATAR	MANEUVER	AREA	INVENTORY	DATA	FORM	(UTMAS-P-0001)	(CONTINUED
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DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
List Capacity of an 8-Hour Training Day. Specify: Unit of Measure, e.g., No. of Bns/Sqdns No. of Aircraft/Helos No. of AAVs/LCACs as Appropriate			
Number of Days per Year the Maneuver Area is Available	335	· ·	
Non-availability per Year Total Maintenance Weather Budget Fire Condition/Weather Weekends/Holidays Other	30	0	
Is the Maneuver Area Capable of Nighttime Use? Yes, No	Yes		
Other Maneuver Areas/Ranges Which Must Be Closed When This Maneuver Area is in Use	Undefined		

FILE NAME: UP010083 PAGE 3 OF 5 DATE: 03/05/87

MANEUVER AREA MANAGER: D. J. Hashagen, Sr.



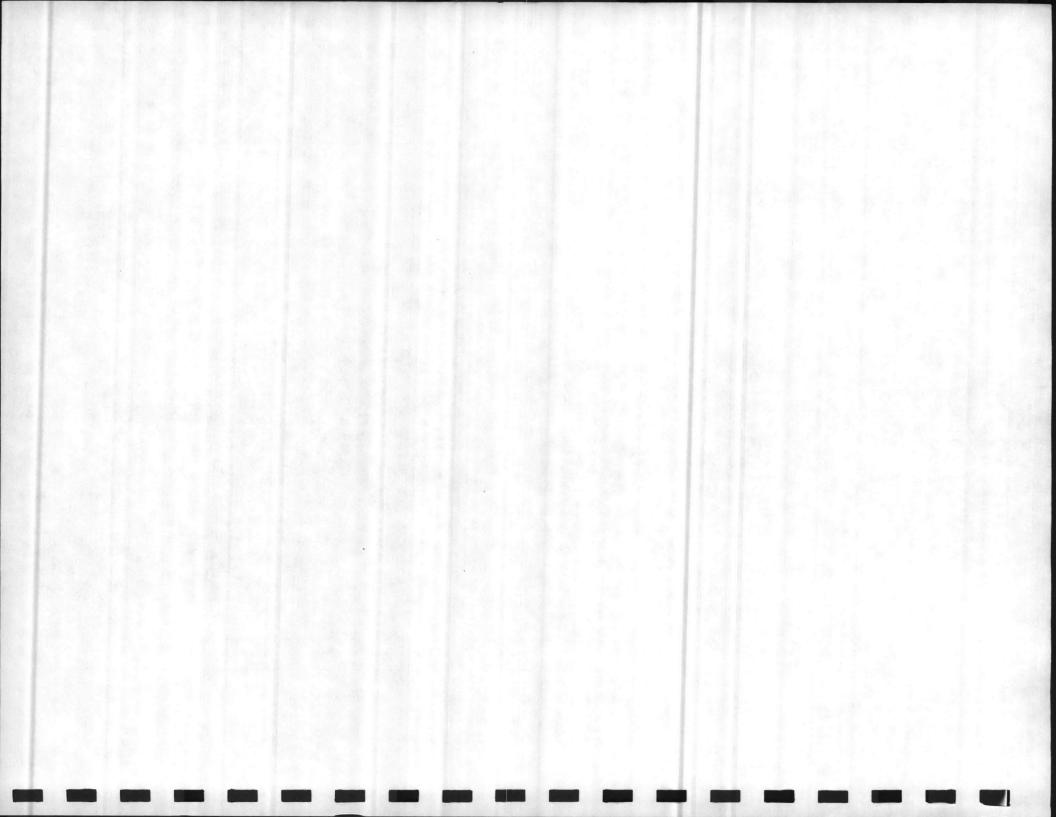
DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE
are There Site-unique Features (Waivers to Man- euver Area Standards, Safety, etc.)? Yes, No, Explain	No	4	
	Yes Fire Tower TP804290		
Distance from Supply Points POL (km) Ammunition (km) Rations (km)	12 5 	·	
Restrictions on Maneuver Area Use Environmental AICUZ FAA Noise Gas/Chemical Pyrotechnics/Flare Time of Day Time of Year Other	X		



LATAR	MANEUVER	AREA	INVENTORY	DATA	FORM	(UTMAS-P-0001)	(CONTINUED)

- AL

DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABL
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LATAR MANEUVER AREA INVENTORY DATA FORM (UTMAS-P-0001)

SUBMITTED BY: D. J. Hashagen, Sr., DRCO, AV 484-2102

TYPE MANEUVER AREA: -----X____ Electronic Warfare Infantry Amphibious Exercises Artillery X X Armor (LAVs, AAVs, Tanks) MAGTF FTX х Air-to-Ground Operations Combined Arms Other Communications Exercises Logistics Exercises Other X

MANEUVER AREA NAME AND LOCATION: K, MCB, Camp Lejeune, NC

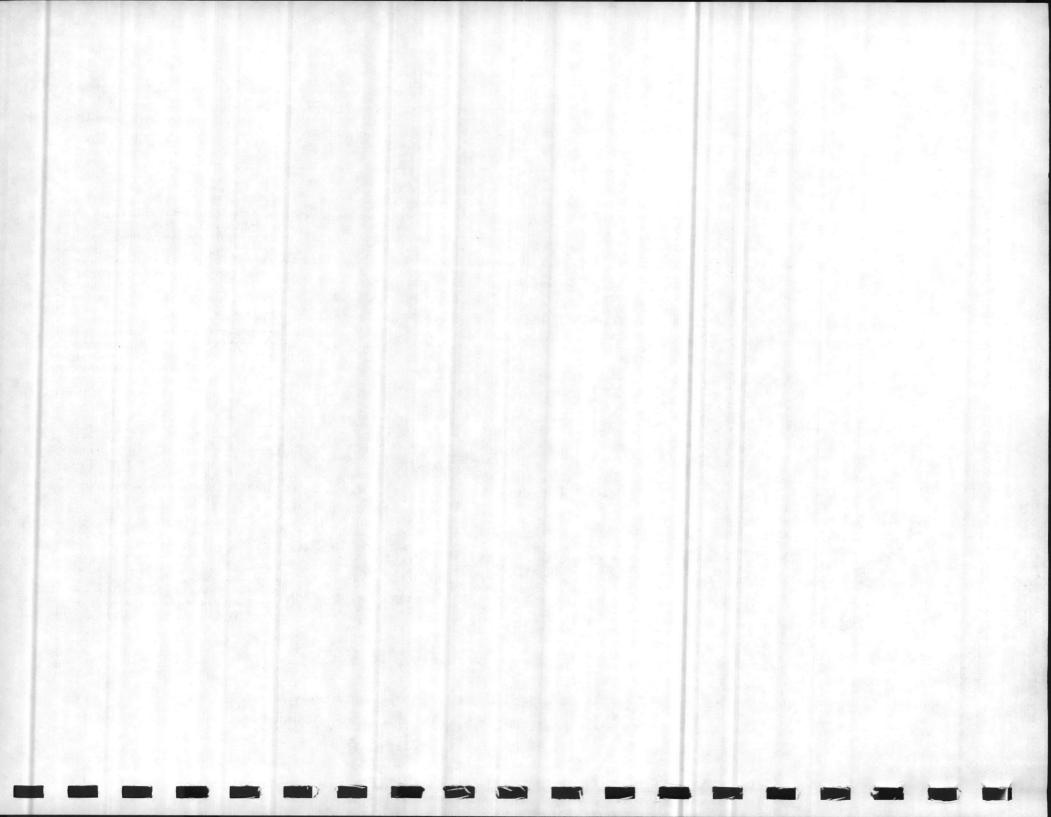
INSTRUCTIONS:

-- One form for each maneuver area

-- Fill in data elements as appropriate

-- Use right column for new or improved maneuver areas needed

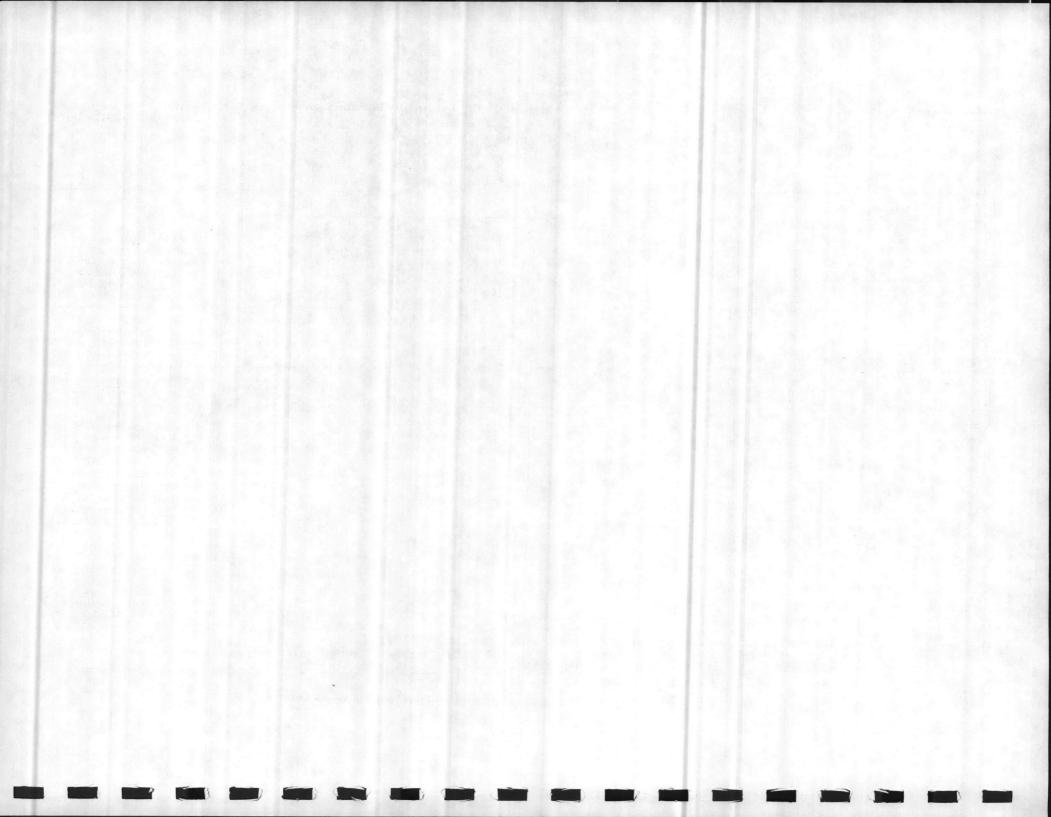
· 	
	· ·
	•



DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Climate Seasonal	ζ	NOT APPLICABLE	NOT APPLICABLE
Terrain Type Percentage Mountainous Percentage Rolling Percentage Swamp Percentage Desert Percentage Beach Percentage Level	10	NOT APPLICABLE	NOT APPLICABLE
Soil Type Percentage Rock Percentage Sand Percentage Clay Percentage Swamp/Marsh Percentage Loamy Percentage Other		NOT APPLICABLE	NOT APPLICABLE
Vegetation Percentage None Percentage Sparse Percentage Moderate Percentage Heavy	50		

FILE NAME: UP010084 PAGE 2 OF 5 DATE: 03/05/87

MANEUVER AREA MANAGER: D. J. Hashagen, Sr._



DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
List Capacity of an 8-Hour Training Day. Specify: Unit of Measure, e.g., No. of Bns/Sqdns No. of Aircraft/Helos No. of AAVs/LCACs as Appropriate			
Number of Days per Year the Maneuver Area is Available	335		
Non-availability per Year Total Maintenance Weather Budget Fire Condition/Weather Weekends/Holidays Other	30		
Is the Maneuver Area Capable of Nighttime Use? Yes, No	 Yes 		
Other Maneuver Areas/Ranges Which Must Be Closed When This Maneuver Area is in Use	Undefined		

FILE NAME: UP010084 PAGE 3 OF 5 DATE: 03/05/87

MANEUVER AREA MANAGER: D. J. Hashagen, Sr.

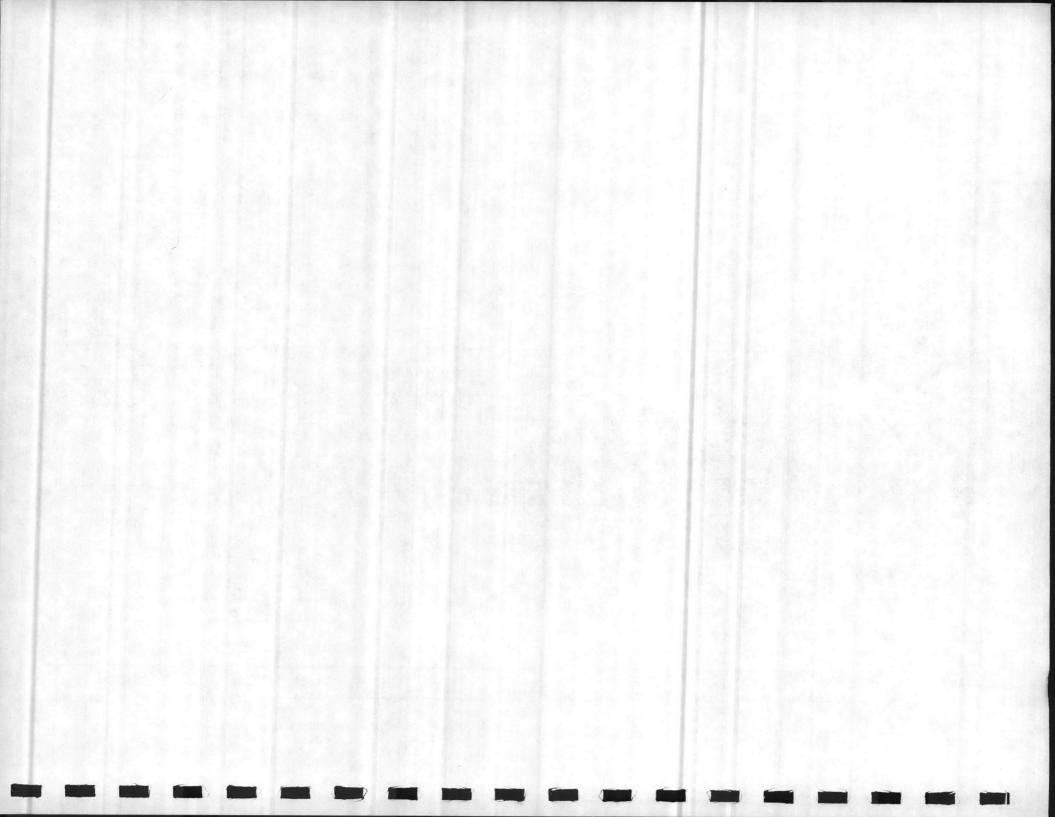
UTMAS-P-0001

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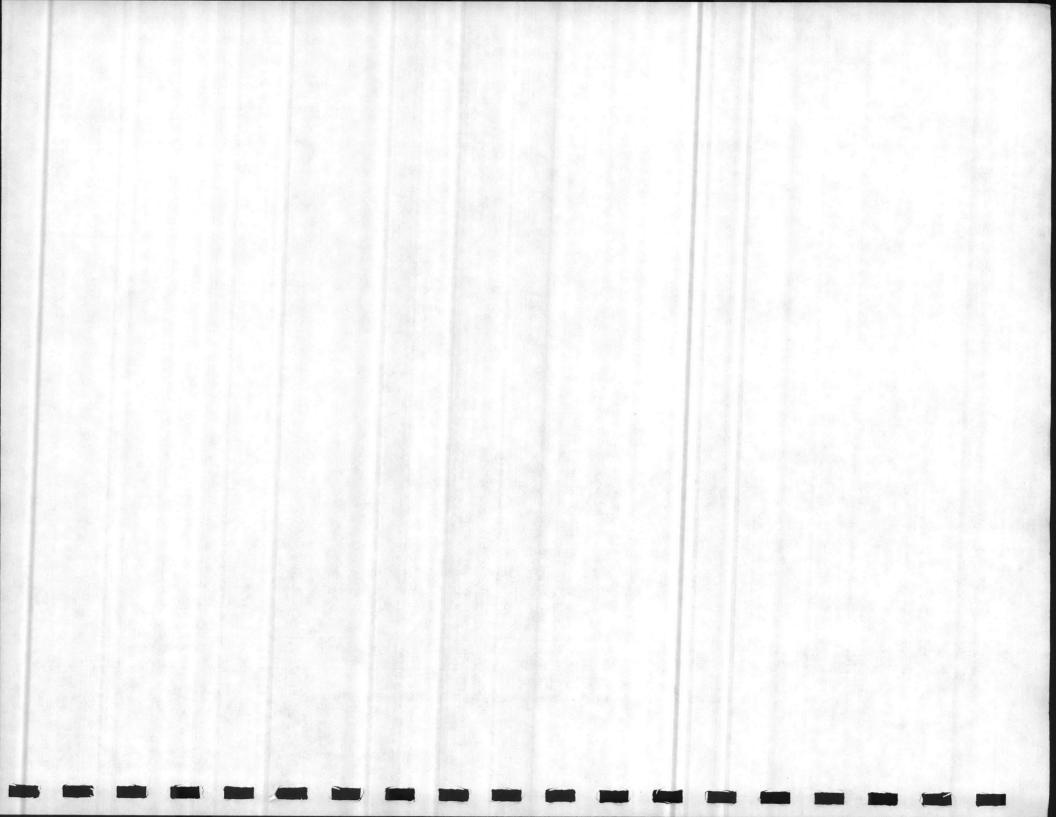


LATAR MANEUVI	ER AREA	INVENTORY	DATA	FORM	(UTMAS-P-0001)	(CONTINUED)
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DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Are There Site-unique Features (Waivers to Man- euver Area Standards, Safety, etc.)? Yes, No, Explain	No	•	
	Yes LZ Cardinal TP784367		
Distance from Supply Points POL (km) Ammunition (km) Rations (km)	30	· · · · · · · · · · · · · · · · · · ·	· · · ·
Restrictions on Maneuver Area Use Environmental AICUZ FAA Gas/Chemical Pyrotechnics/Flare Time of Day Time of Year Other	x		
ILE NAME: UP010084 AGE 4 OF 5 DATE: 03/05/87	MANEUVER AREA MANAGER: D. J.	Hachagen, Sr.	UTMAS-P-00



DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS
	The states of the		
AME: UP010084			İ



SUBMITTED BY: D. J. Hashagen, Sr., DRCO, AV 484-2102

MANEUVER AREA NAME AND LOCATION: 322 Building, Combined Arms Staff Trainer (CAST), MCB, Camp Lejeune, NC

 Infantry
 Electronic Warfare

 Artillery
 Amphibious Exercises

 Armor (LAVs, AAVs, Tanks)
 MAGTF FTX

 Combined Arms
 Air-to-Ground Operations

 Communications Exercises
 CAST

 Logistics Exercises
 Other

INSTRUCTIONS:

-- One form for each maneuver area

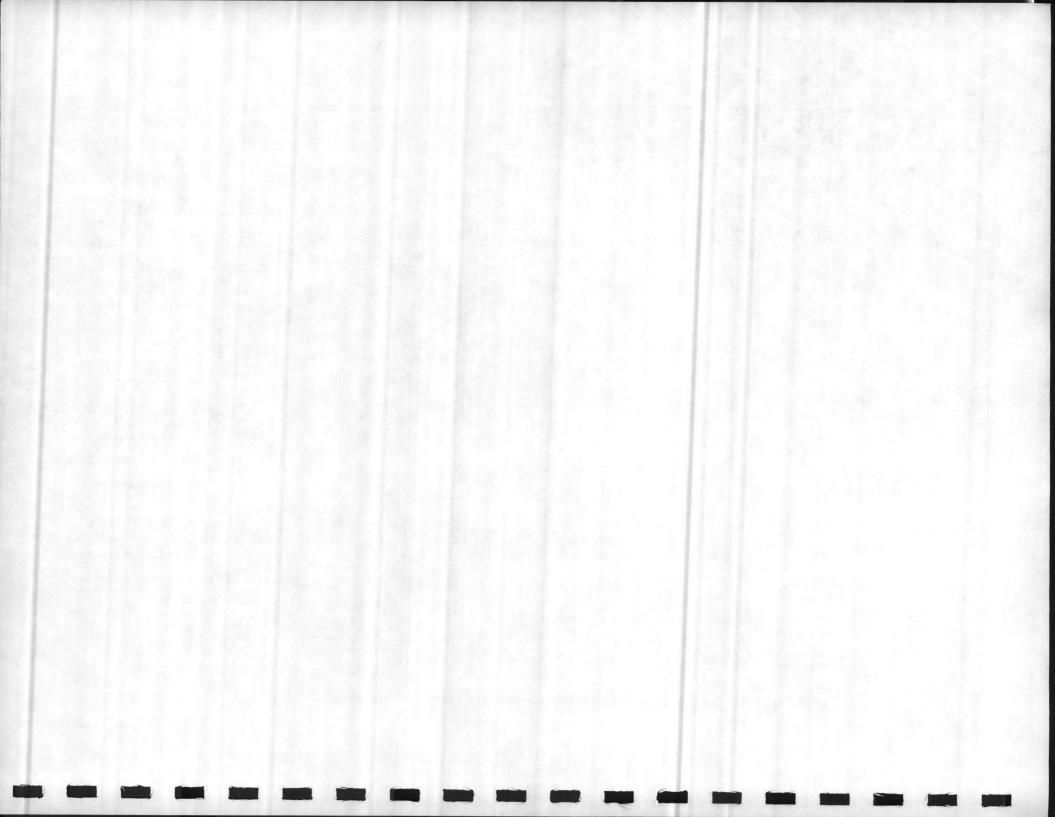
-- Fill in data elements as appropriate

-- Use right column for new or improved maneuver areas needed

DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Range Shape and Dimensions Dimensions (km)	NA		
Primary Direction of Fire	NA		
Coordinates			
	<u>_</u>		
	// // North		
Associated Air Space Altitude (ft) Ingress and Egress Routes			
Access No. of Land Access Routes		i	
No. of Land Water Routes			
No. of Air Ingress Routes			
No. of Air Egress Routes No. of Beach Access Areas			

FILE NAME: UP010085 PAGE 1 OF 5 DATE: 03/05/87

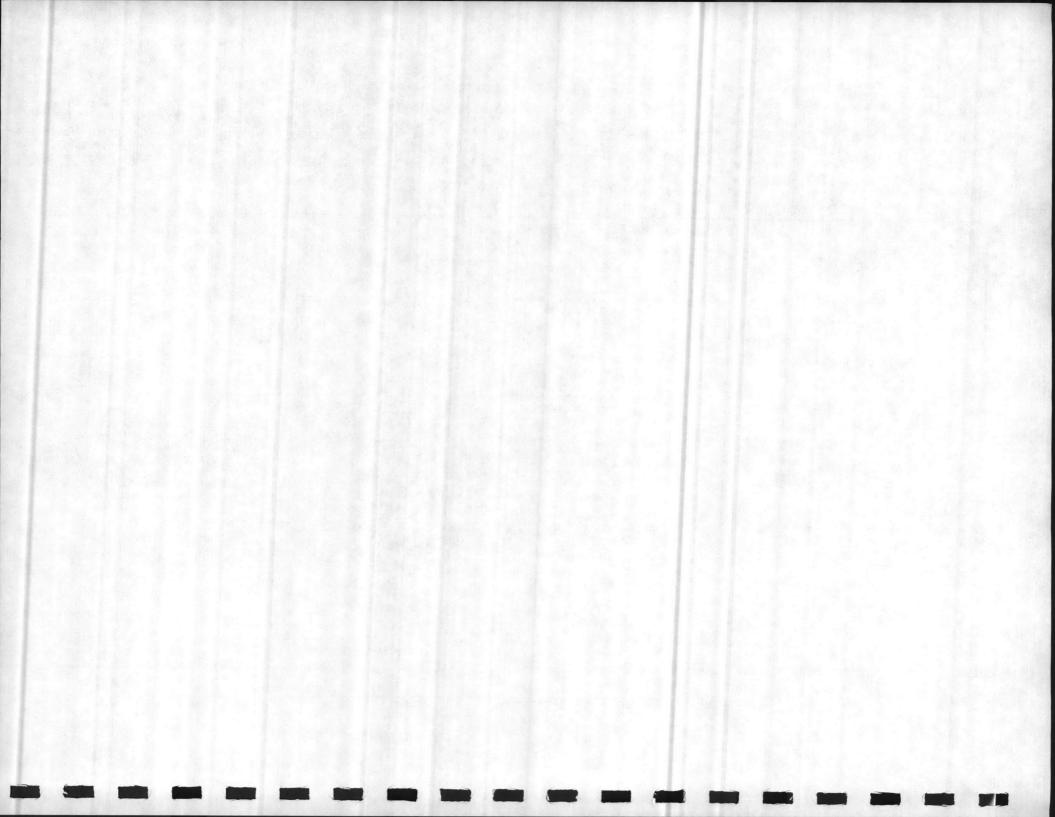
MANEUVER AREA MANAGER: D. J. Hashagen, Sr.



DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Climate Seasonal Tropic Temperate Arctic Desert All-Weather (Indoor) Other		NOT APPLICABLE	NOT APPLICABLE
Terrain Type Percentage Mountainous Percentage Rolling Percentage Swamp Percentage Desert Percentage Beach Percentage Level Percentage Water		NOT APPLICABLE	NOT APPLICABLE
Soil Type Percentage Rock Percentage Sand Percentage Clay Percentage Swamp/Marsh Percentage Loamy Percentage Other		NOT APPLICABLE	NOT APPLICABLE
Vegetation Percentage None Percentage Sparse Percentage Moderate Percentage Heavy		:	

FILE NAME: UP010085 PAGE 2 OF 5 DATE: 03/05/87

MANEUVER AREA MANAGER: D. J. Hashagen, Sr._



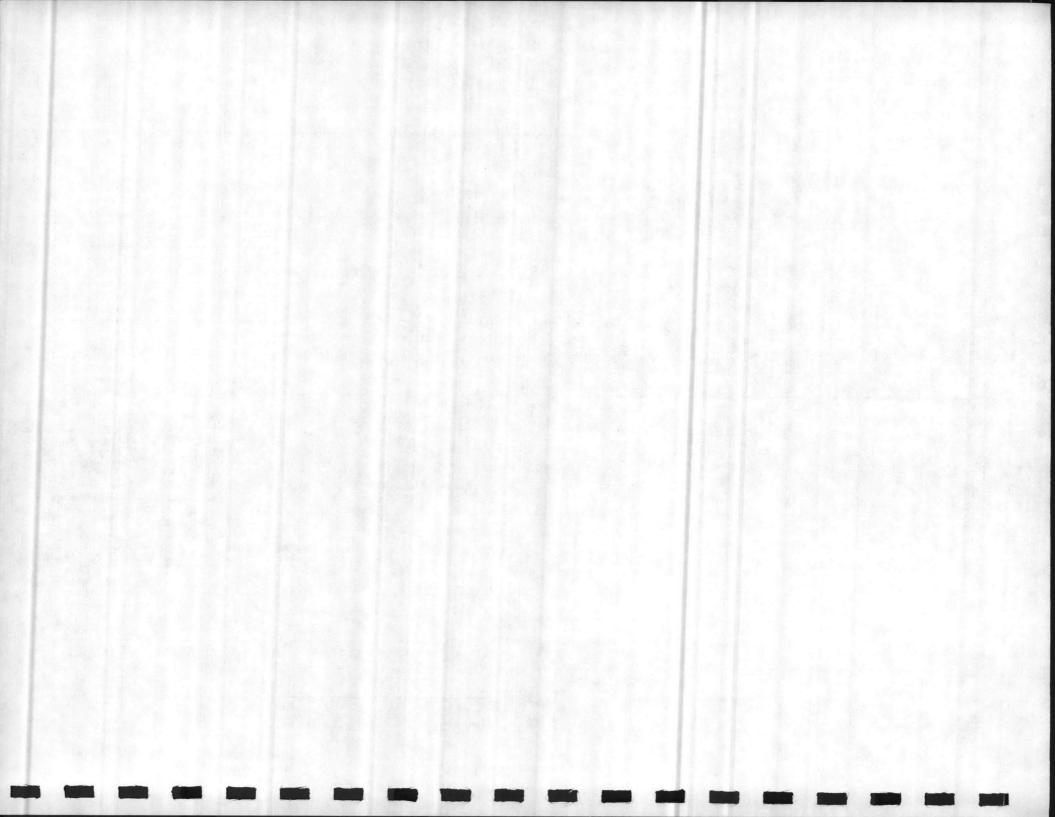
PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
	1270 FY 91	
329	311	
36	54 FY 91	
 Yes 		•
NA		
	570 329 36 36 36 36	570 1270 FY 91 329 311 36 54 36 54 54 54 FY 91

FILE NAME: UP010085 PAGE 3 OF 5 DATE: DATE: 03/05/87

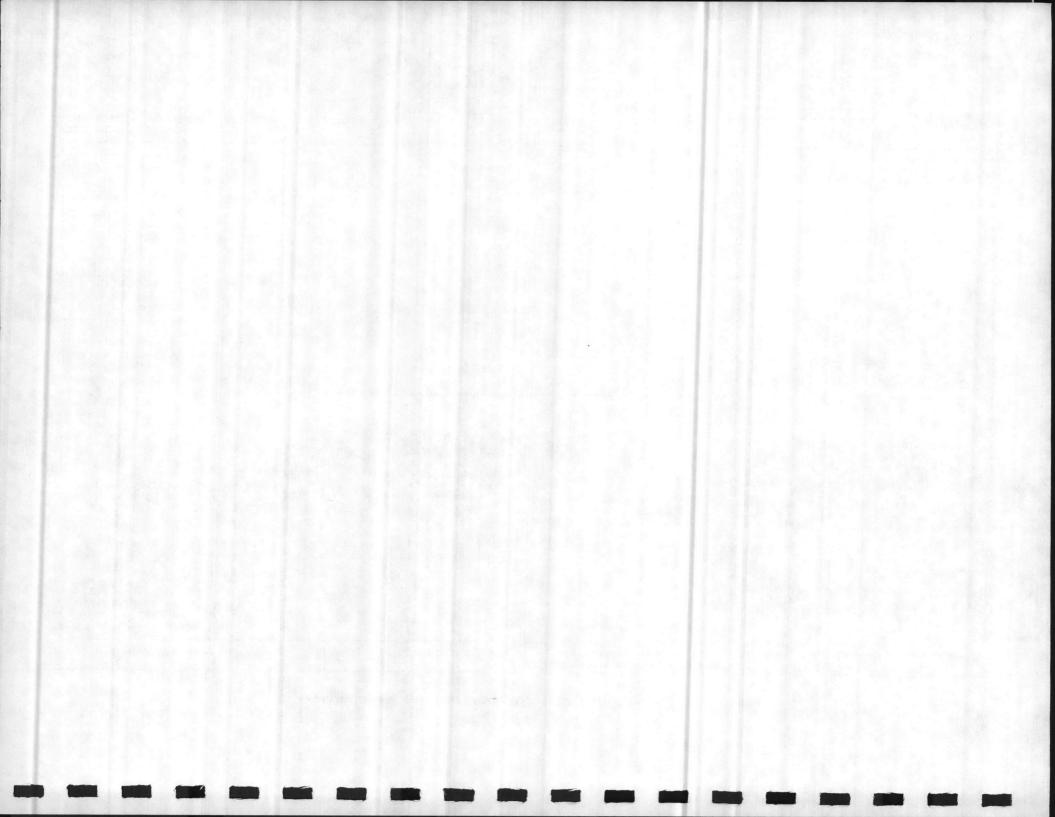
MANEUVER AREA MANAGER: D. J. Hashagen, Sr._

UTMAS-P-0001

1240



DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE
Are There Site-unique Features (Waivers to Man- euver Area Standards, Safety, etc.)? Yes, No, Explain	NA	•	
Are There Site-unique Re- quirements Placed on Using Units? Yes, No, Explain	NA		
Distance from Supply Points POL (km) Ammunition (km) Rations (km)			
Restrictions on Maneuver Area Use Environmental			
TILE NAME: UP010085 PAGE 4 OF 5 DATE: 03/05/87	MANEUVER AREA MANAGER: D. J.	Hashagen. Sr.	utmas-p-00



DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE



SUBMITTED BY: D. J. Hashagen, Sr., DRCO, AV 484-2102

MANEUVER AREA NAME AND LOCATION: 934 and 935 Buildings, Base CS Chamber and NBC Training Trail, MCB, Camp Lejeune, NC

 Infantry
 Electronic Warfare

 Artillery
 Amphibious Exercises

 Armor (LAVs, AAVs, Tanks)
 MAGTF FTX

 Combined Arms
 Air-to-Ground Operations

 Communications Exercises
 Base Gas Chamber

 Logistics Exercises
 Other

--- Use right column for new or improved maneuver areas needed DESIRED CHARACTERISTICS ANTICIPATED OR KNOWN CHANGES (SPECIFY YEAR NEEDED IF APPLICABLE) (INCLUDE YEAR) PRESENT CHARACTERISTICS DATA ELEMENT Range Shape and Dimensions Dimensions (km) 11500 sq m Primary Direction of Fire |NA Coordinates TP8738 Associated Air Space |NA Altitude (ft)..... Ingress and Egress Routes... Access No. of Land Access Routes... 2 No. of Land Water Routes.... No. of Air Ingress Routes... No. of Air Egress Routes | No. of Beach Access Areas... ______

FILE NAME: UP010086 PAGE 1 OF 5 DATE: 03/05/87

INSTRUCTIONS:

-- One form for each maneuver area -- Fill in data elements as appropriate

MANEUVER AREA MANAGER: D. J. Hashagen, Sr.



DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Climate Seasonal Tropic Temperate Arctic Desert All-Weather (Indoor) Other		NOT APPLICABLE	NOT APPLICABLE
Terrain Type Percentage Mountainous Percentage Rolling Percentage Swamp Percentage Desert Percentage Beach Percentage Level Percentage Water	100	NOT APPLICABLE	NOT APPLICABLE
Soil Type Percentage Rock Percentage Sand Percentage Clay Percentage Swamp/Marsh Percentage Loamy Percentage Other	95 5 	NOT APPLICABLE	NOT APPLICABLE
Vegetation Percentage None Percentage Sparse Percentage Moderate Percentage Heavy	150 150		

FILE NAME: UP010086 PAGE 2 OF 5 DATE: 03/05/87

MANEUVER AREA MANAGER: D. J. Hashagen, Sr.

UTMAS-P-0001

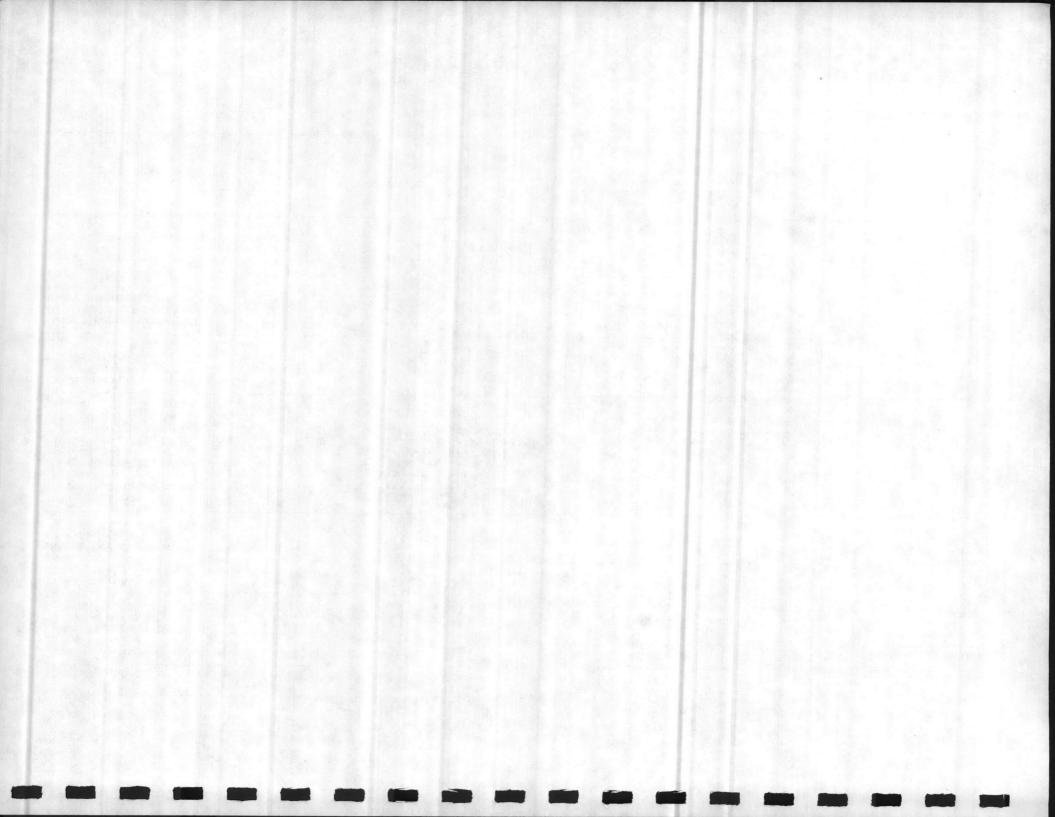
ti



PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
2	· · · · · · · · · · · · · · · · · · ·	
		0
 No		 .
NA		
	2 360 5 5	PRESENT CHARACTERISTICS (INCLUDE YEAR) 2

FILE NAME: UP010086 PAGE 3 OF 5 DATE: 03/05/87

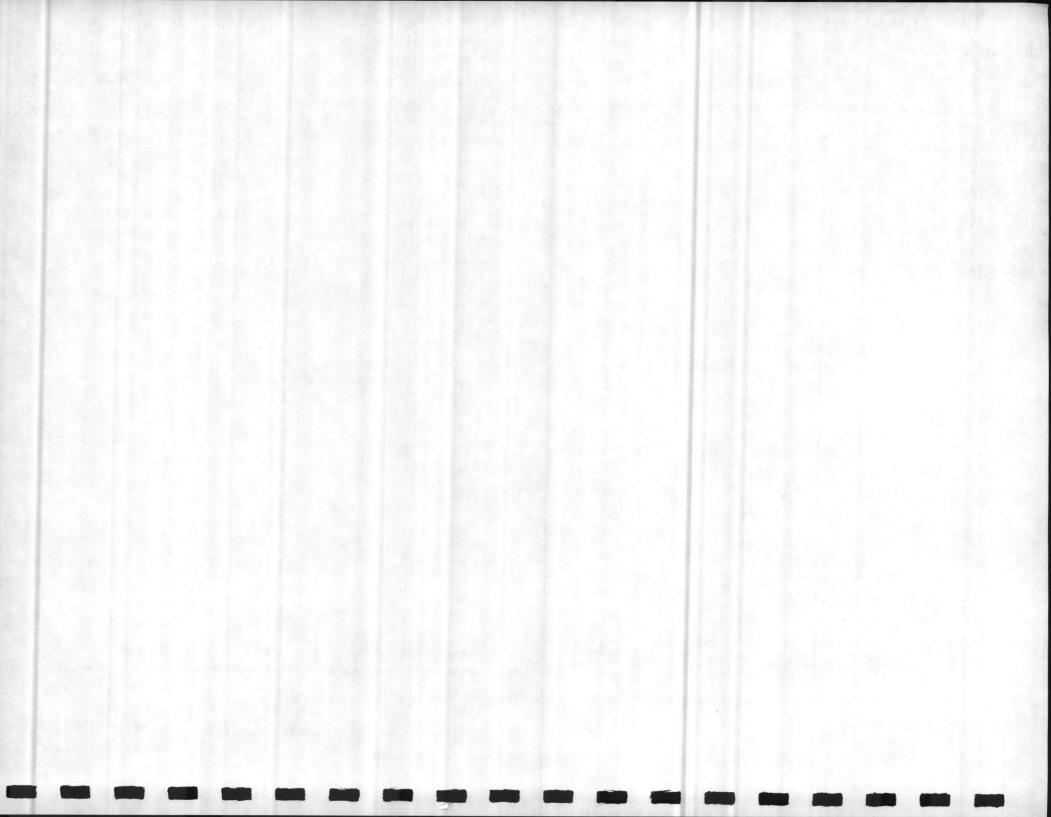
MANEUVER AREA MANAGER: D. J. Hashagen, Sr.



DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS
Are There Site-unique Features (Waivers to Man- euver Area Standards, Safety, etc.)? Yes, No, Explain	NA	•	
Are There Site-unique Re- quirements Placed on Using Units? Yes, No, Explain	NA		
Distance from Supply Points POL (km) Ammunition (km) Rations (km)	NA		
Restrictions on Maneuver Area Use Environmental AICUZ FAA Gas/Chemical Pyrotechnics/Flare Time of Day Other			
 TILE NAME: UP010086			i



DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
		the second states and	
E: UP010086	!		-



SUBMITTED BY: D. J. Hashagen, Sr., DRCO, AV 484-2102

MANEUVER AREA NAME AND LOCATION: 540 Building, Area 5, Combat Training Tank, MCB, Camp Lejeune, NC

TYPE MAN	NEUVER AREA:
Infantry Artillery Armor (LAVs, AAVs, Tanks) Combined Arms Communications Exercises Logistics Exercises	Electronic Warfare Amphibious Exercises MAGTF FTX Air-to-Ground Operations X Swimming Pool Other

INSTRUCTIONS:

-- One form for each maneuver area

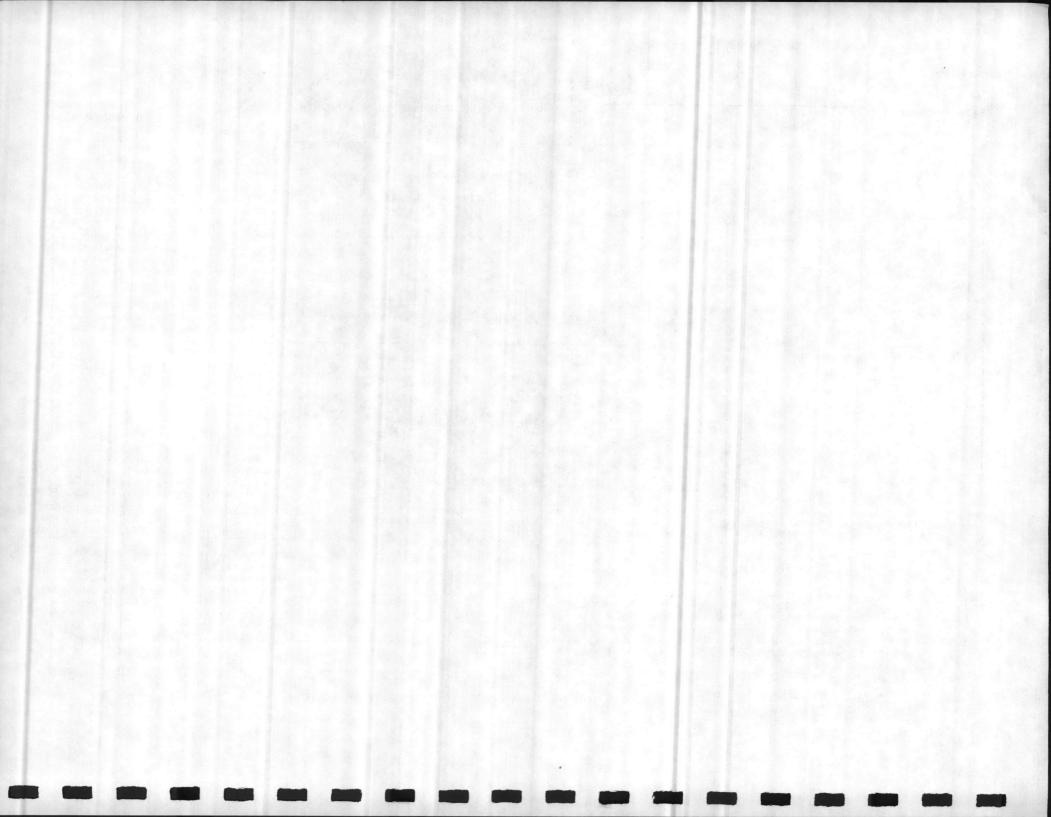
-- Fill in data elements as appropriate

-- Use right column for new or improved maneuver areas needed

DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Range Shape and Dimensions Dimensions (km)	30 yds X 50 yds X 10 ft		
Primary Direction of Fire Coordinates	NA		
1	/\ /\ North		
Associated Air Space Altitude (ft) Ingress and Egress Routes		· · · · · · · · · · · · · · · · · · ·	
Access			
No. of Land Access Routes			
No. of Land Water Routes			
No. of Air Ingress Routes No. of Air Egress Routes			
No. of Beach Access Areas			

FILE NAME: UP010087 PAGE 1 OF 5 DATE: 03/05/87

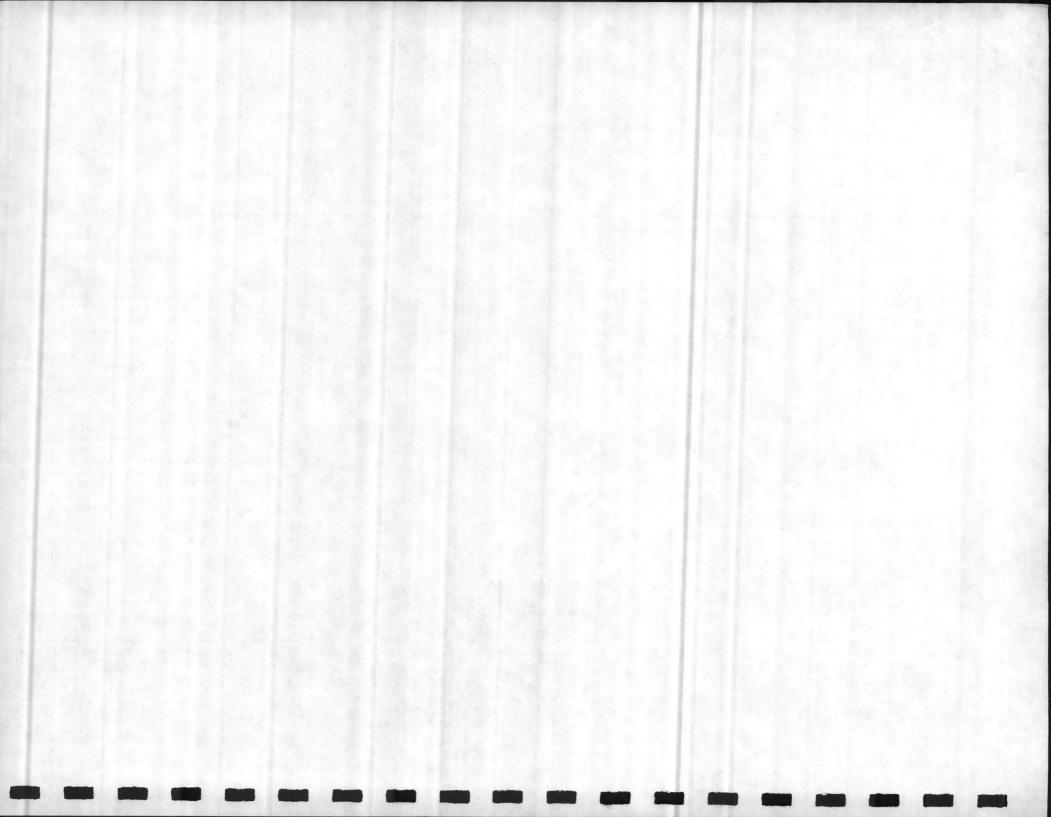
MANEUVER AREA MANAGER: D. J. Hashagen, Sr.



DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Climate Seasonal Tropic Temperate Arctic Desert All-Weather (Indoor) Other	X	NOT APPLICABLE	NOT APPLICABLE
Terrain Type Percentage Mountainous Percentage Rolling Percentage Swamp Percentage Desert Percentage Beach Percentage Level Percentage Water	NA	NOT APPLICABLE	NOT APPLICABLE
Percentage Rock Percentage Sand Percentage Clay Percentage Swamp/Marsh Percentage Loamy Percentage Other	NA	NOT APPLICABLE	NOT APPLICABLE
Vegetation Percentage None Percentage Sparse Percentage Moderate Percentage Heavy		······	

FILE NAME: UP010087

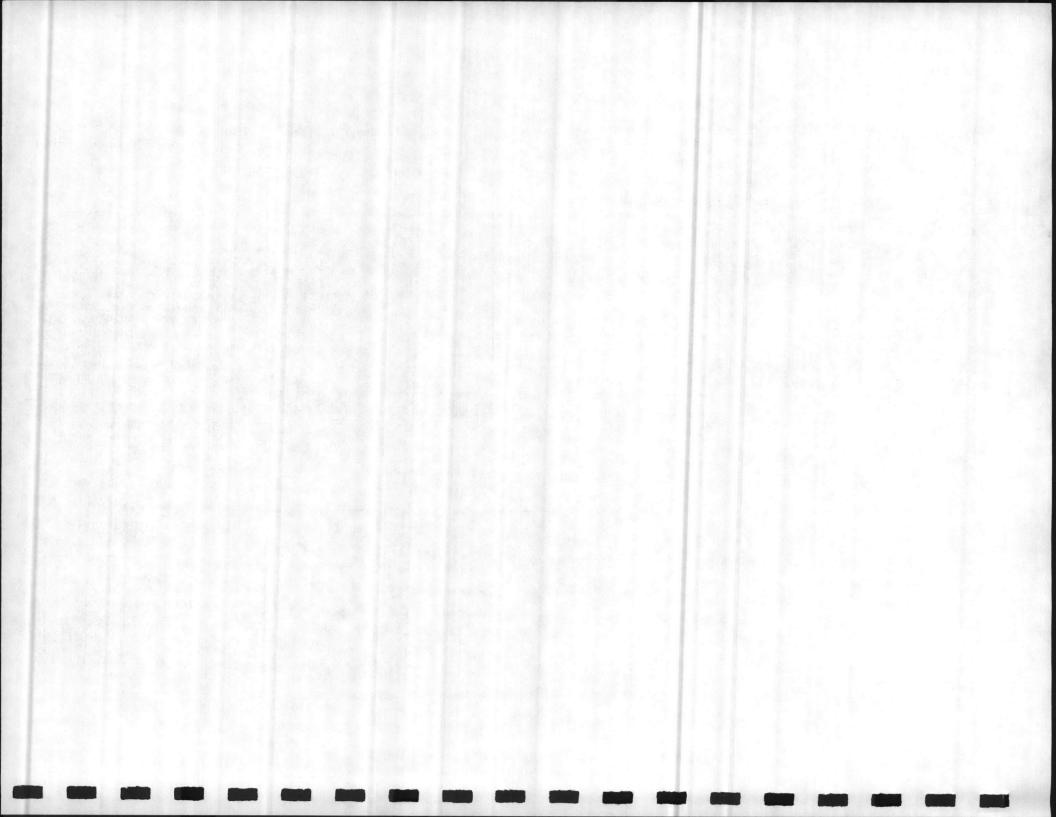
PAGE 2 OF 5 DATE: 03/05/87 MANEUVER AREA MANAGER: D. J. Hashagen, Sr.



PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
2 Cos		
360		
5		0
Yes		
	2 Cos 	PRESENT CHARACTERISTICS (INCLUDE YEAR) 2 Cos

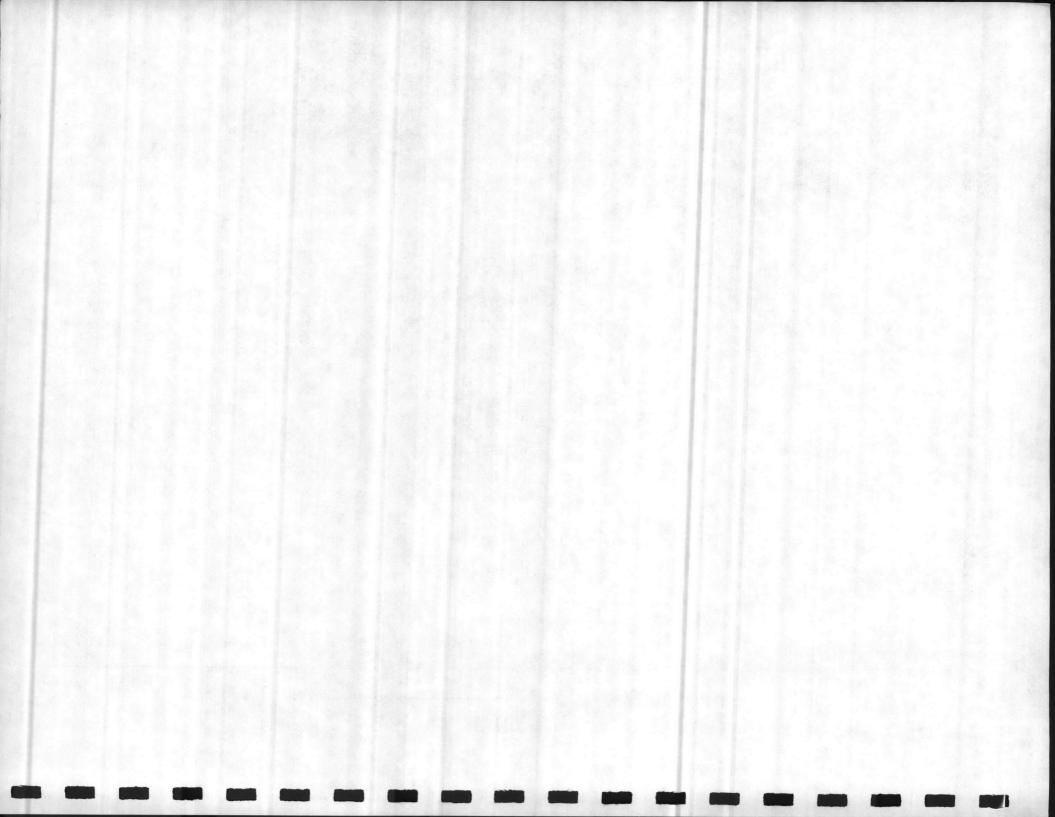
FILE NAME: UP010087 PAGE 3 OF 5 DATE: 03/05/87

MANEUVER AREA MANAGER: D. J. Hashagen, Sr._

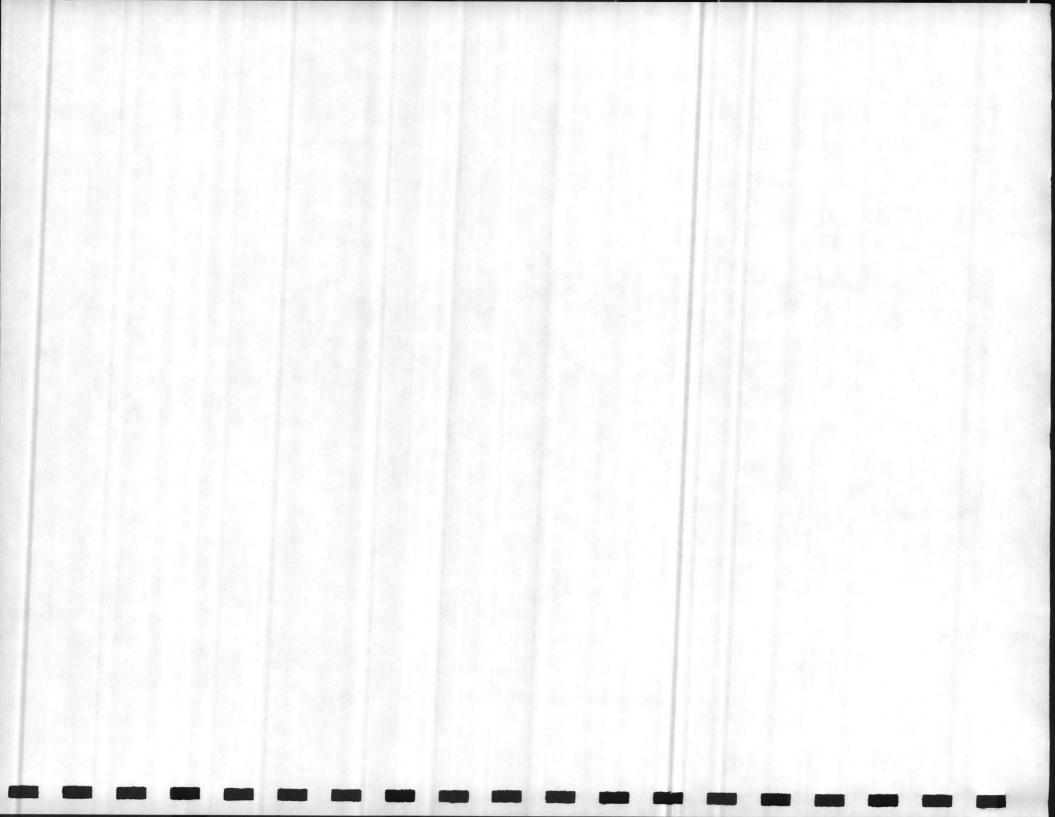


DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE
	Yes 1 instructor per 10 students in water	•	
	Yes Clean area after use		
Distance from Supply Points POL (km) Ammunition (km) Rations (km)		·····	
Restrictions on Maneuver Area Use Environmental AICUZ FAA. Noise Gas/Chemical Pyrotechnics/Flare Time of Day Time of Year Other	NA		
ILE NAME: UP010087 AGE 4 OF 5 DATE: 03/05/87	MANEUVER AREA MANAGER: D. J.		UTMAS-P-00

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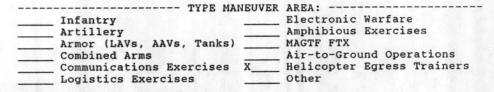


DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS
		and the state of the state	
	집 가지는 것 같아. 많이 가지?		
: UP010087			



SUBMITTED BY: D. J. Hashagen, Sr., DRCO, AV 484-2102

MANEUVER AREA NAME AND LOCATION: G Street, Helicopter Egress Trainers, 6th Marines Area, MCB, Camp Lejeune, NC



INSTRUCTIONS:

-- One form for each maneuver area

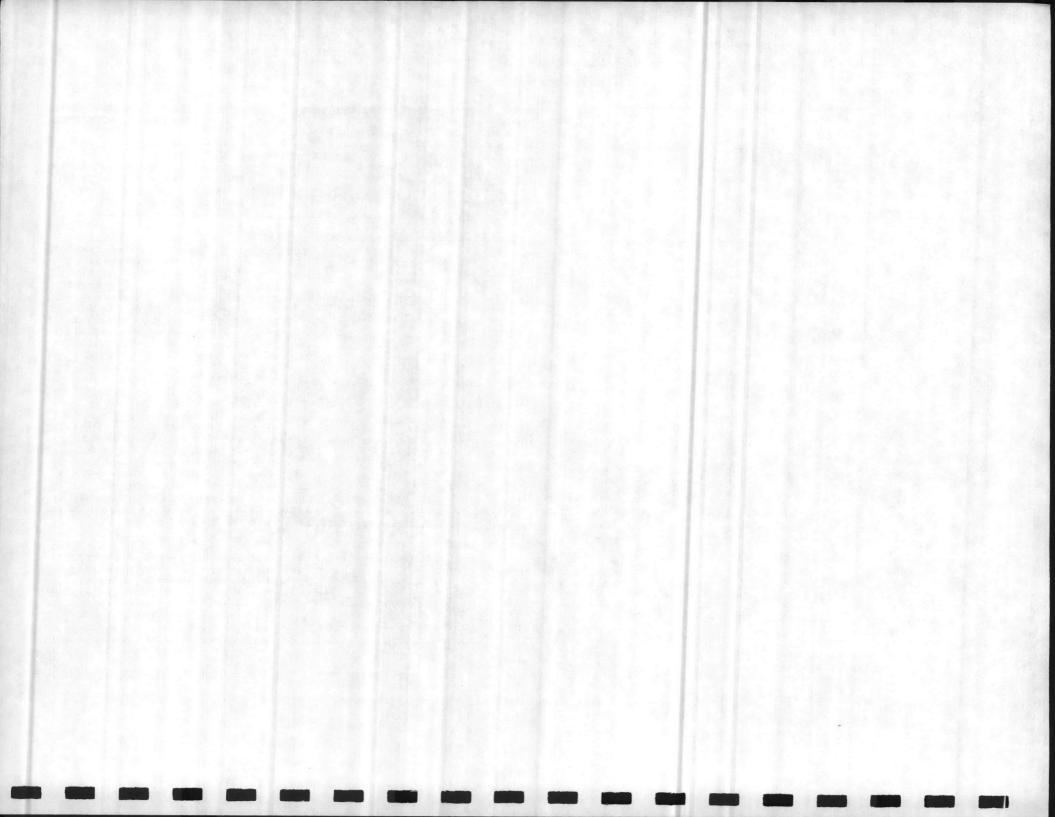
-- Fill in data elements as appropriate

-- Use right column for new or improved maneuver areas needed

PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS
75 sq yds		
/\ /\ North		· · ·
NA	· · · · · · · · · · · · · · · · · · ·	
		2월 11일 - 전문 11일 - 11일 - 11일 - 11일 - 11일 - 11일 - 11일 - 11일 - 11일 - 11일 - 11일 - 11일 - 11일 - 11일 - 11일 - 11일 - 11일
	75 sq yds /\ /\ NORTH NA 2 2	PRESENT CHARACTERISTICS (INCLUDE YEAR) 75 sq yds

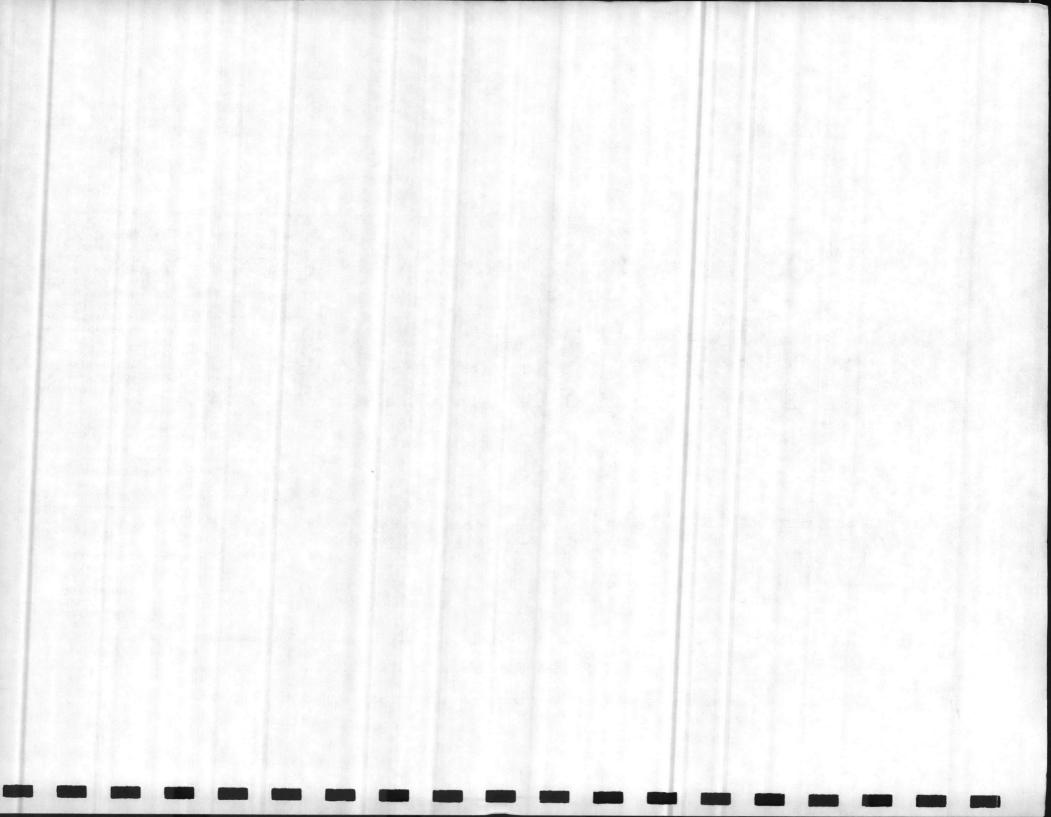
FILE NAME: UP010088 PAGE 1 OF 5 DATE: 03/05/87

MANEUVER AREA MANAGER: D. J. Hashagen, Sr.



DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Climate Seasonal Tropic Temperate Arctic Desert All-Weather (Indoor) Other	X	NOT APPLICABLE	NOT APPLICABLE
Terrain Type Percentage Mountainous Percentage Rolling Percentage Swamp Percentage Desert Percentage Beach Percentage Level Percentage Water		NOT APPLICABLE	NOT APPLICABLE
Soil Type Percentage Rock Percentage Sand Percentage Clay Percentage Swamp/Marsh Percentage Loamy Percentage Other	100	NOT APPLICABLE	NOT APPLICABLE
Vegetation Percentage None Percentage Sparse Percentage Moderate Percentage Heavy	1100		

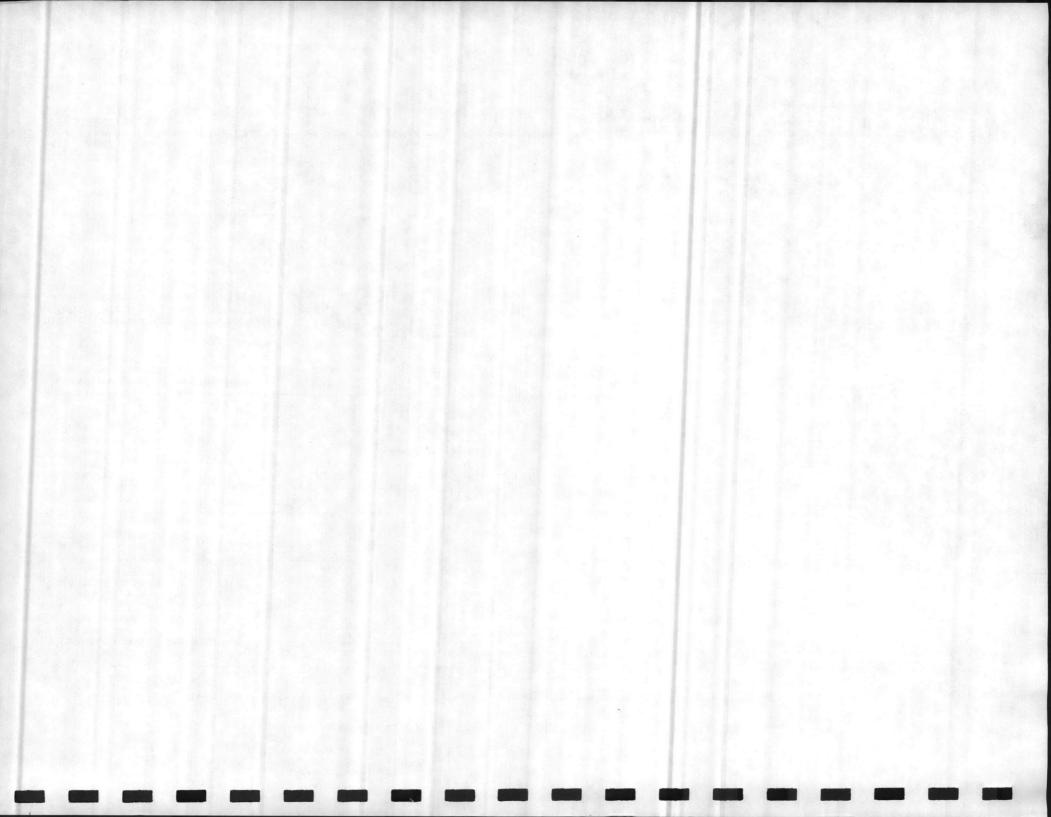
FILE NAME: UP010088 PAGE 2 OF 5 DATE: 03/05/87 MANEUVER AREA MANAGER: D. J. Hashagen, Sr.



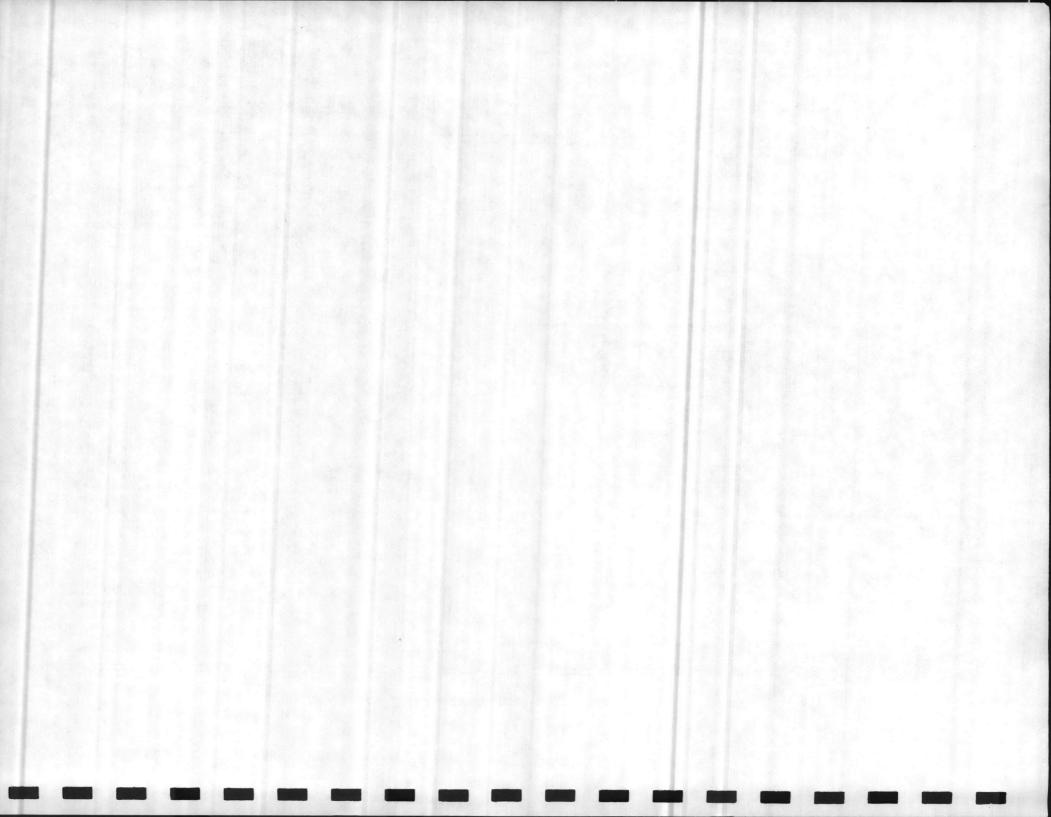
DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
List Capacity of an 8-Hour Training Day. Specify: Unit of Measure, e.g., No. of Bns/Sqdns No. of Aircraft/Helos No. of AAVs/LCACs as Appropriate	NA	·····	
Maneuver Area is Available	365		
Non-availability per Year Total Maintenance Weather Budget Fire Condition/Weather Weekends/Holidays Other	NA 	0	0
Is the Maneuver Area Capable of Nighttime Use? Yes, No			
Other Maneuver Areas/Ranges Which Must Be Closed When This Maneuver Area is in Use	 NA 	, ,	

FILE NAME: UP010088 PAGE 3 OF 5 DATE: 03/05/87

MANEUVER AREA MANAGER: D. J. Hashagen, Sr._

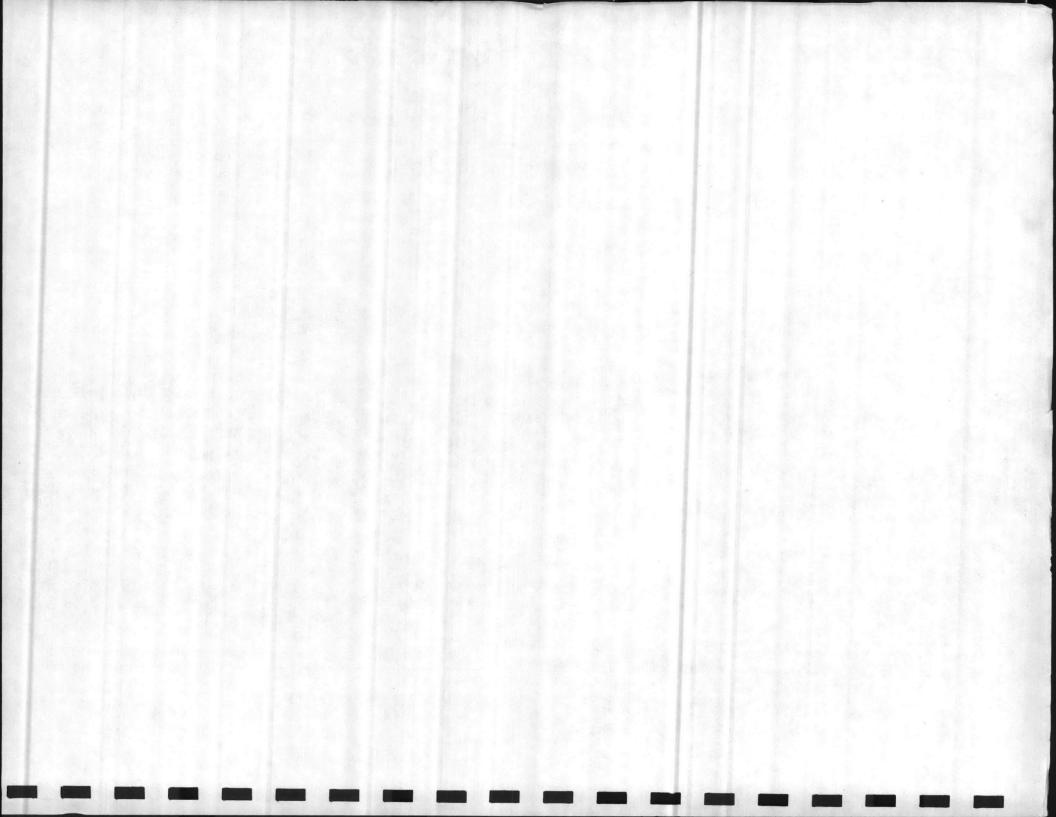


DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Are There Site-unique Features (Waivers to Man- euver Area Standards, Safety, etc.)? Yes, No, Explain	NA	•	
Are There Site-unique Re- quirements Placed on Using Units? Yes, No, Explain	NA		
Distance from Supply Points POL (km) Ammunition (km) Rations (km)	NA		
Restrictions on Maneuver Area Use Environmental AICUZ FAA Gas/Chemical Pyrotechnics/Flare Time of Day Other	NA		
TILE NAME: UP010088 PAGE 4 OF 5 DATE: 03/05/87	MANEUVER AREA MANAGER: D. J.	l	UTMAS-P-00



LATAR N	ANEUVER	AREA	INVENTORY	DATA	FORM	(UTMAS-P-0001)	(CONTINUED)
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DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE
		1	
	and the second second second second second second second second second second second second second second second		
E: UP010088	87 MANEUVER AREA MANAGER: D. C		UTMAS-P-C



LATAR MANEUVER AREA INVENTORY DATA FORM (UTMAS-P-0001)

Artillery

Combined Arms

SUBMITTED BY: D. J. Hashagen, Sr., DRCO, AV 484-2102

MANEUVER AREA NAME AND LOCATION: AV-8 Hides for Harrier Landings, off Lyman Road, MCB, Camp Lejeune, NC

INSTRUCTIONS:

-- One form for each maneuver area

-- Fill in data elements as appropriate

-- Use right column for new or improved maneuver areas needed

DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE
ange Shape and Dimensions Dimensions (km) Primary Direction of Fire	.2 X .6		
Coordinates	ТР900382		
ssociated Air Space Altitude (ft) Ingress and Egress Routes	R-5306D 17,999 E to W		
Access No. of Land Access Routes No. of Land Water Routes No. of Air Ingress Routes No. of Air Egress Routes	1		

PAGE 1 OF 5 DATE: 03/05/87 MANEUVER AREA MANAGER: D. J. Hashagen, Sr._____ UTMAS-P-0001

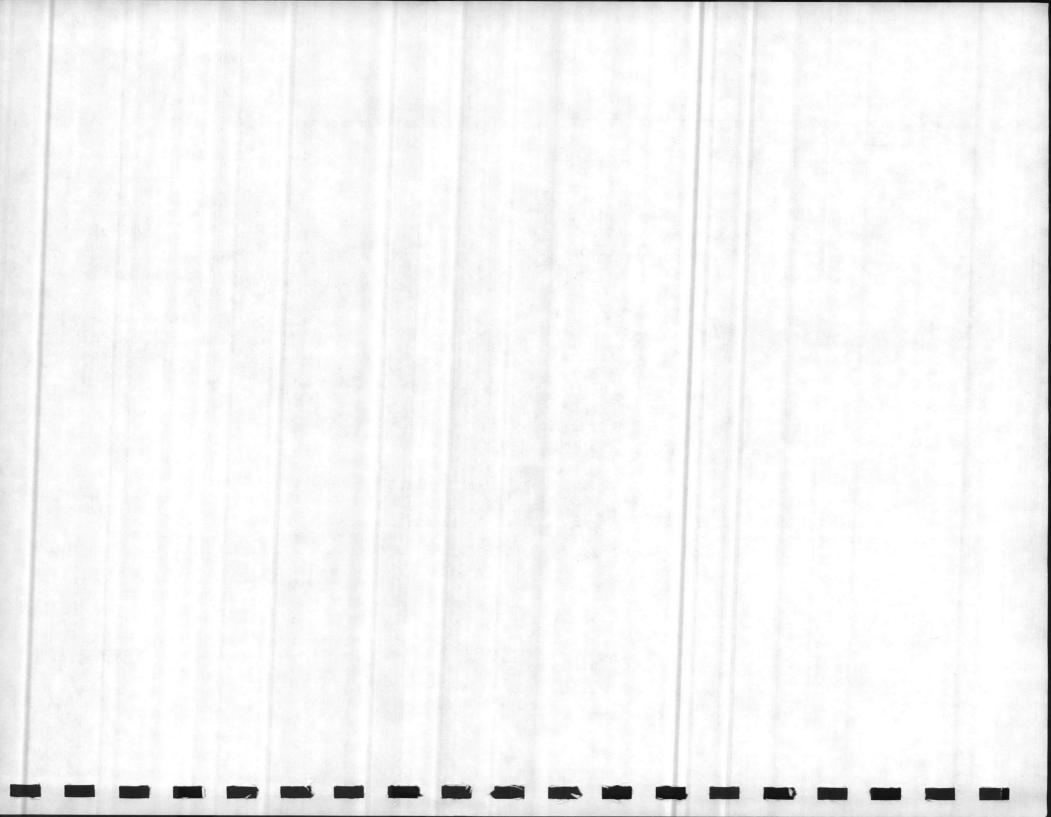
Armor (LAVs, AAVs, Tanks)

Communications Exercises

Logistics Exercises

Amphibious Exercises MAGTF FTX Air-to-Ground Operations Other

Other



LATAR	MANEUVER	AREA	INVENTORY	DATA	FORM	(UTMAS-P-0001)	(CONTINUED)
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DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE
Climate Seasonal Tropic Temperate. Arctic. Desert. All-Weather (Indoor) Other.	X	NOT APPLICABLE	NOT APPLICABLE
Terrain Type Percentage Mountainous Percentage Rolling Percentage Swamp Percentage Desert Percentage Beach Percentage Level Percentage Water		NOT APPLICABLE	NOT APPLICABLE
Soil Type Percentage Rock Percentage Sand Percentage Clay Percentage Swamp/Marsh Percentage Loamy Percentage Other	100 	NOT APPLICABLE	. NOT APPLICABLE
Vegetation Percentage None Percentage Sparse Percentage Moderate Percentage Heavy			

FILE NAME: UP010089 PAGE 2 OF 5 DATE: 03/05/87

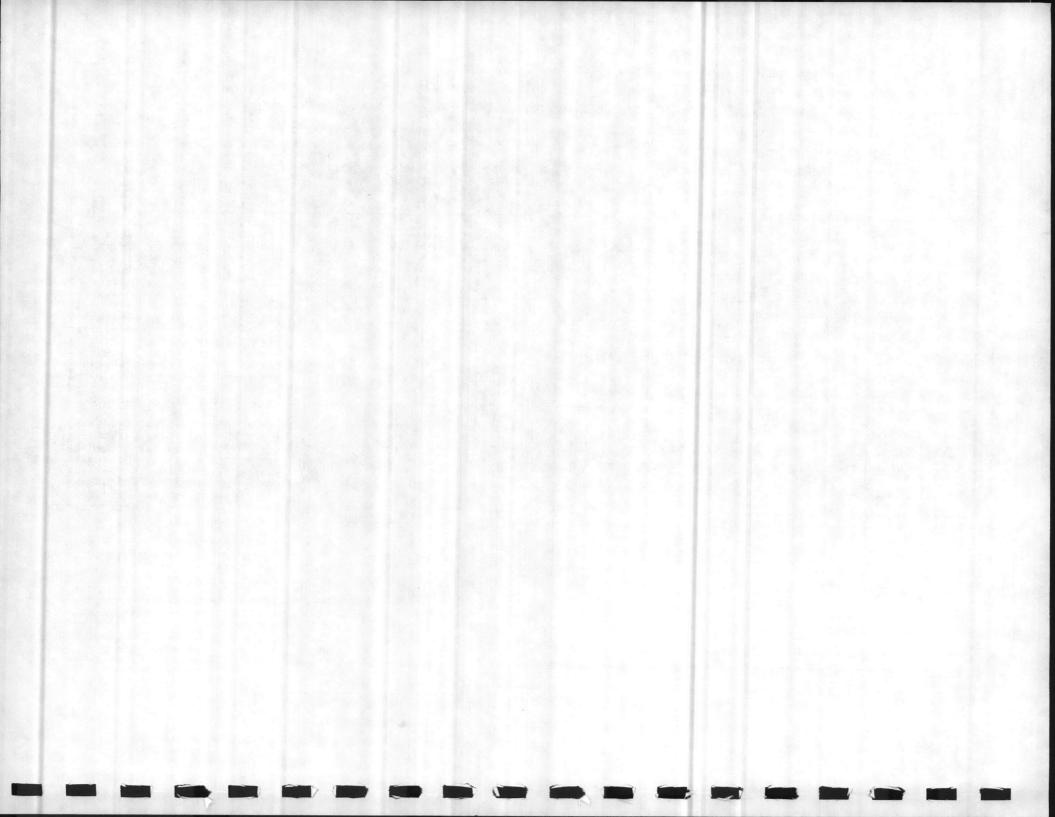
MANEUVER AREA MANAGER: D. J. Hashagen, Sr._

UTMAS-P-0001

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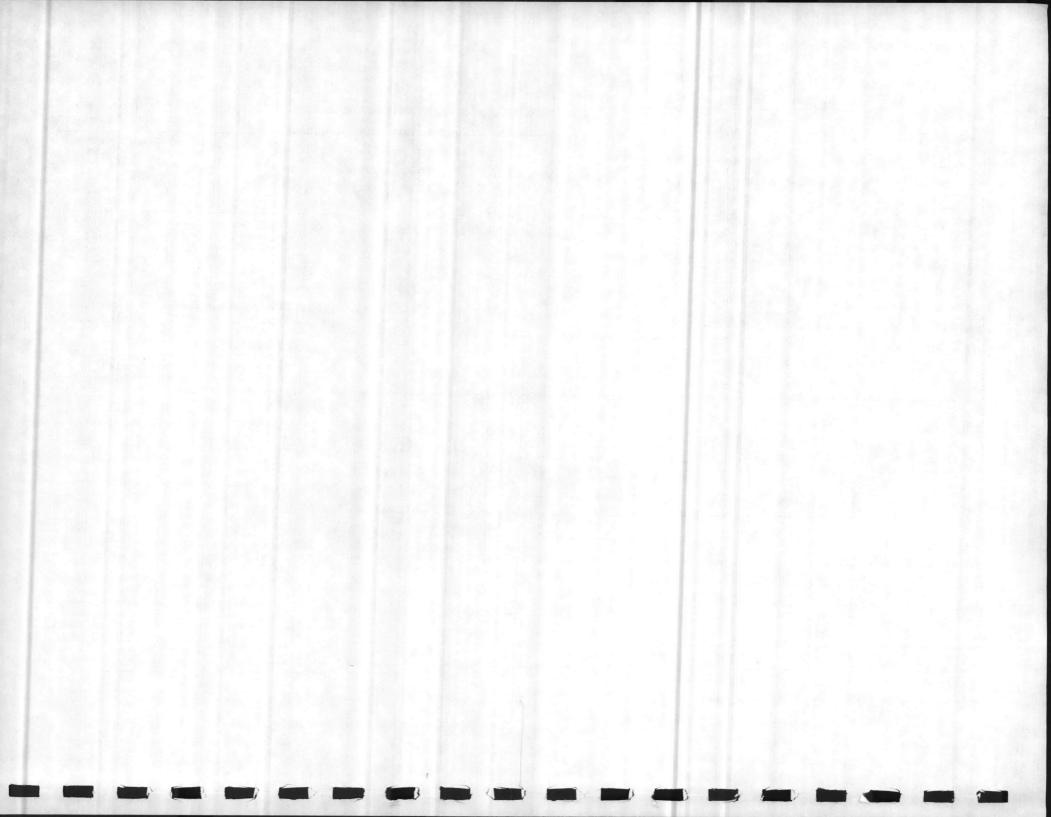
DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Jist Capacity of an 8-Hour Training Day. Specify: Unit of Measure, e.g., No. of Bns/Sqdns No. of Aircraft/Helos No. of AAVs/LCACs as Appropriate	5	······	
Number of Days per Year the Maneuver Area is Available	360		
Non-availability per Year Total Maintenance. Weather Budget. Fire Condition/Weather Weekends/Holidays Other.			
Is the Maneuver Area Capable of Nighttime Use? Yes, No	Yes		· ·
	Yes Lyman Road		

FILE NAME: UP010089 PAGE 3 OF 5 DATE: 03/05/87

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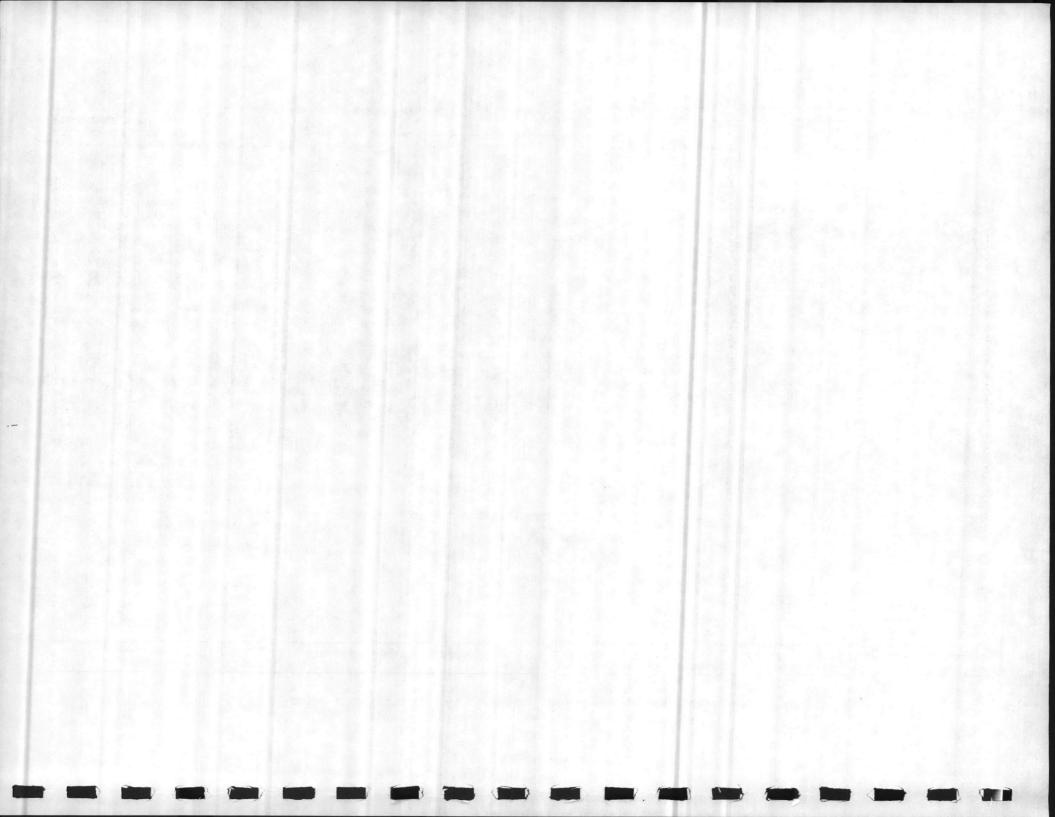
MANEUVER AREA MANAGER: D. J. Hashagen, Sr.

UTMAS-P-0001

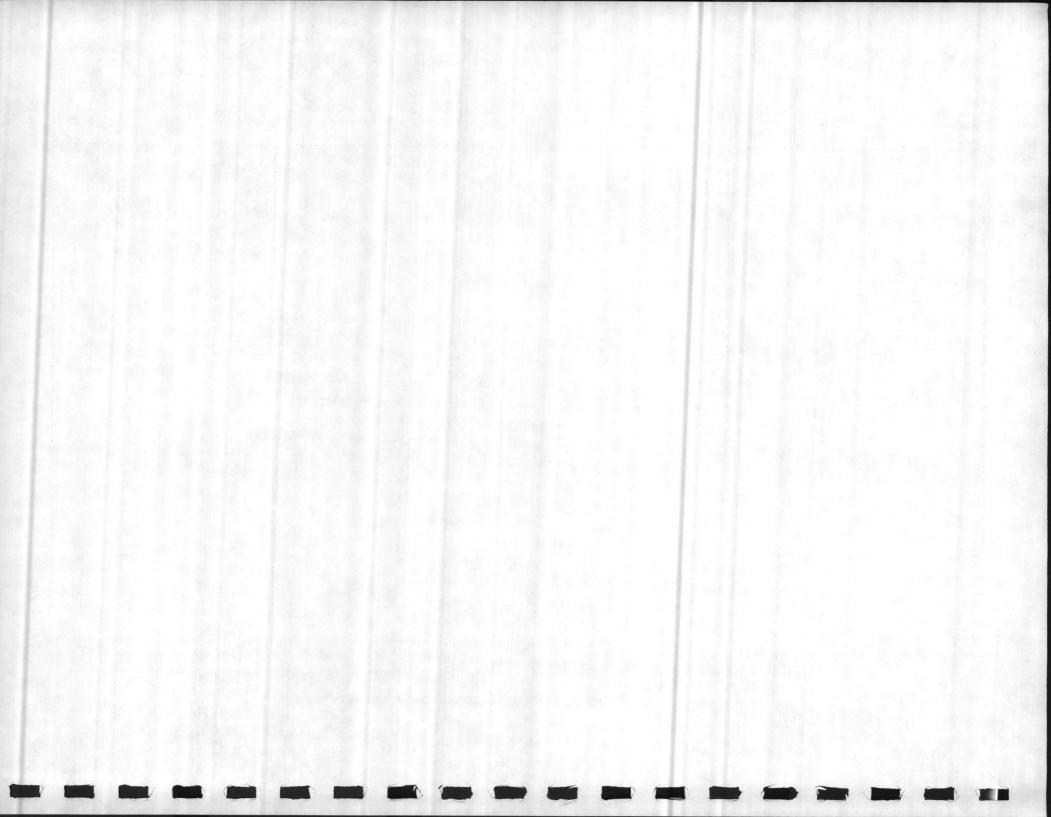


	LATAR	MANEUVER	AREA	INVENTORY	DATA	FORM	(UTMAS-P-0001)	(CONTINUED)	
--	-------	----------	------	-----------	------	------	----------------	-------------	--

DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS
	Yes Lyman Road closed		
	 Yes Road guards for road closures		
Distance from Supply Points POL (km) Ammunition (km) Rations (km)	15		
Restrictions on Maneuver Area Use Environmental AICUZ FAA Noise Gas/Chemical Pyrotechnics/Flare Time of Day Time of Year Other	X		
LLE NAME: UP010089	 		



DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE



LATAR MANEUVER AREA INVENTORY DATA FORM (UTMAS-P-0001)

SUBMITTED BY: D. J. Hashagen, Sr., DRCO, AV 484-2102

 X______Infantry
 X______Electronic Warfare

 Artillery
 Amphibious Exercises

 Armor (LAVs, AAVs, Tanks)
 MAGTF FTX

 Combined Arms
 X______Air-to-Ground Operations

 X______Communications Exercises
 Helo Egress Trainers

 X______Logistics Exercises
 Other

MANEUVER AREA NAME AND LOCATION: RB, MCB, Camp Lejeune, NC

INSTRUCTIONS:

-- One form for each maneuver area

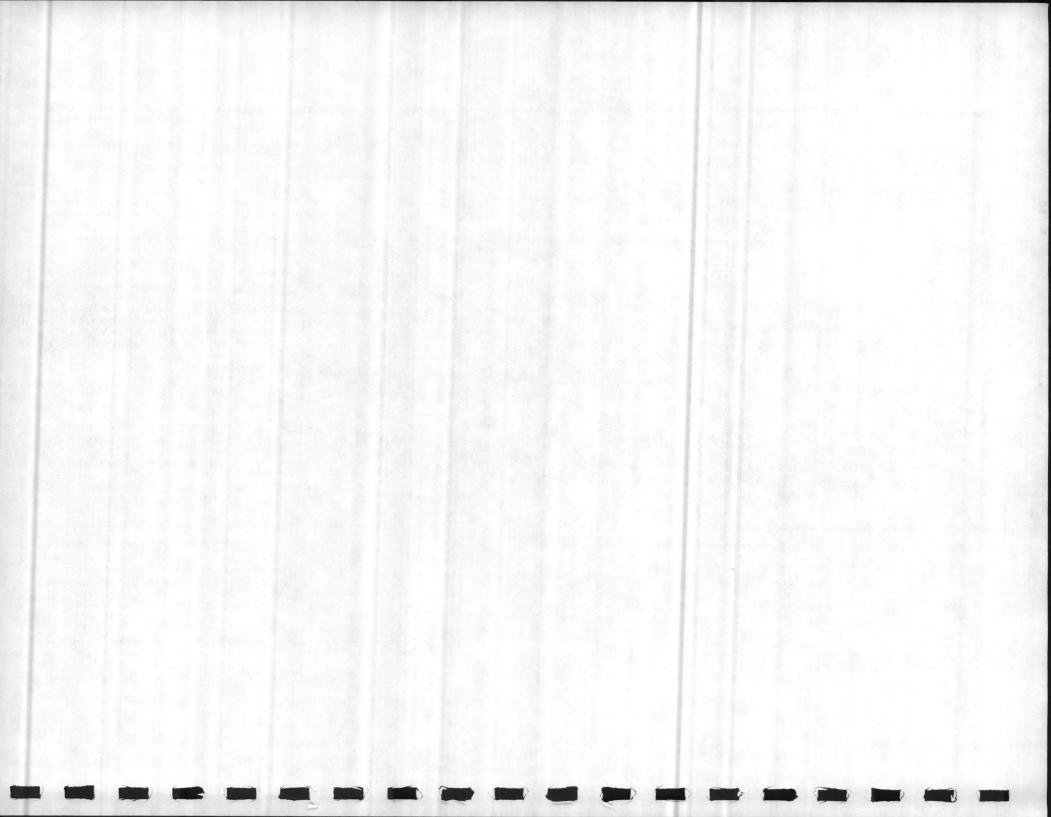
-- Fill in data elements as appropriate

-- Use right column for new or improved maneuver areas needed

DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Range Shape and Dimensions Dimensions (km)	3.2 sq km		
Primary Direction of Fire			
	TP8741 to TP8743 to TP8841 to TP8943		
	/\ /\ North		
Associated Air Space Altitude (ft) Ingress and Egress Routes			
Access No. of Land Access Routes			
No. of Land Water Routes			NG 방법은 이 가슴에 있는 것은 것에서 가슴에 가슴이 많은 것이 같은 것이다. 이 가슴이 가슴이 가슴이 가슴이 가슴이 가슴이 가슴이 다른 것이 있다. 이 가슴이 가슴이 다음이 있다. 신생 것이 가슴이 가슴이 있다. 신생 것이 가슴이 가슴이 있다. 신생 것이 가슴이 다음이 있다. 신생 것이 가슴이 다음이 있다. 신생 것이 가슴이 다음이 있다. 신생 것이 가슴이 있다. 신생 것이 가슴이 다음이 있다. 신생 것이 있다. 신생
No. of Air Ingress Routes			
No. of Air Egress Routes No. of Beach Access Areas			
not of bouon needeb medbill			

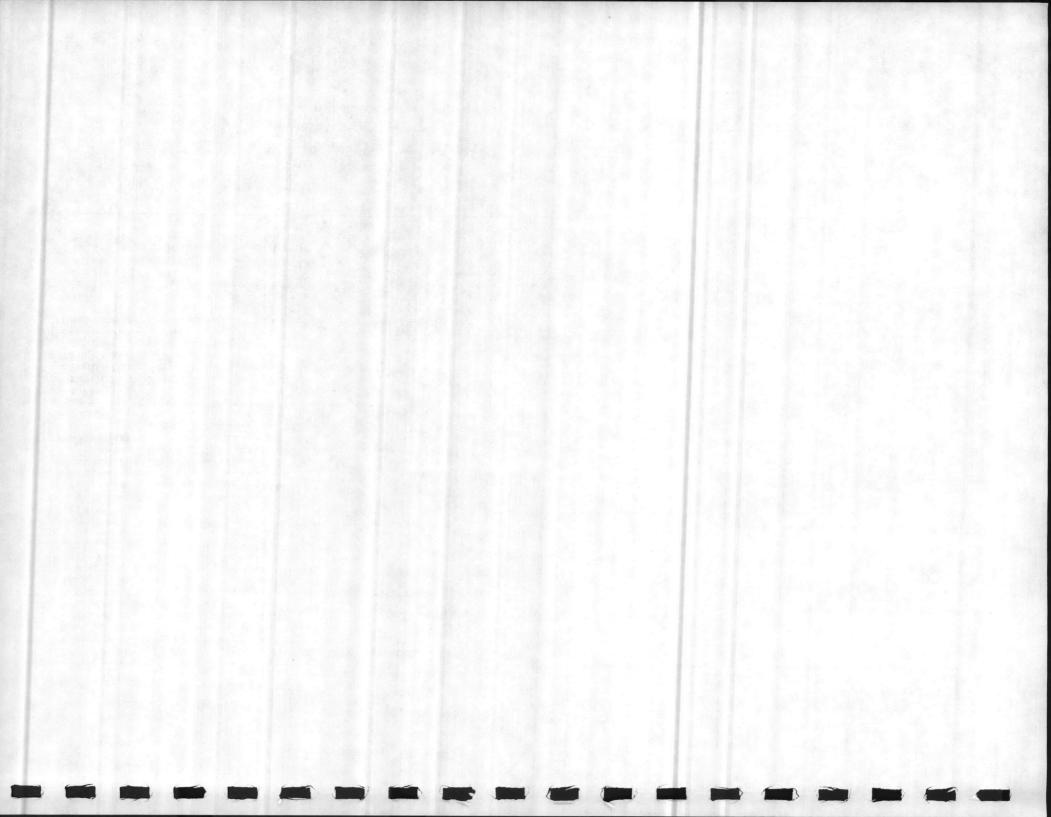
FILE NAME: UP010090 PAGE 1 OF 5 DATE: 03/05/87

MANEUVER AREA MANAGER: D. J. Hashagen, Sr.



DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Climate Seasonal		NOT APPLICABLE	NOT APPLICABLE
Terrain Type Percentage Mountainous Percentage Rolling		NOT APPLICABLE	NOT APPLICABLE
Soil Type Percentage Rock		NOT APPLICABLE	NOT APPLICABLE
Vegetation Percentage None		· · · · · · · · · · · · · · · · · · ·	

FILE NAME: UP010090 PAGE 2 OF 5 DATE: 03/05/87 MANEUVER AREA MANAGER: D. J. Hashagen, Sr.

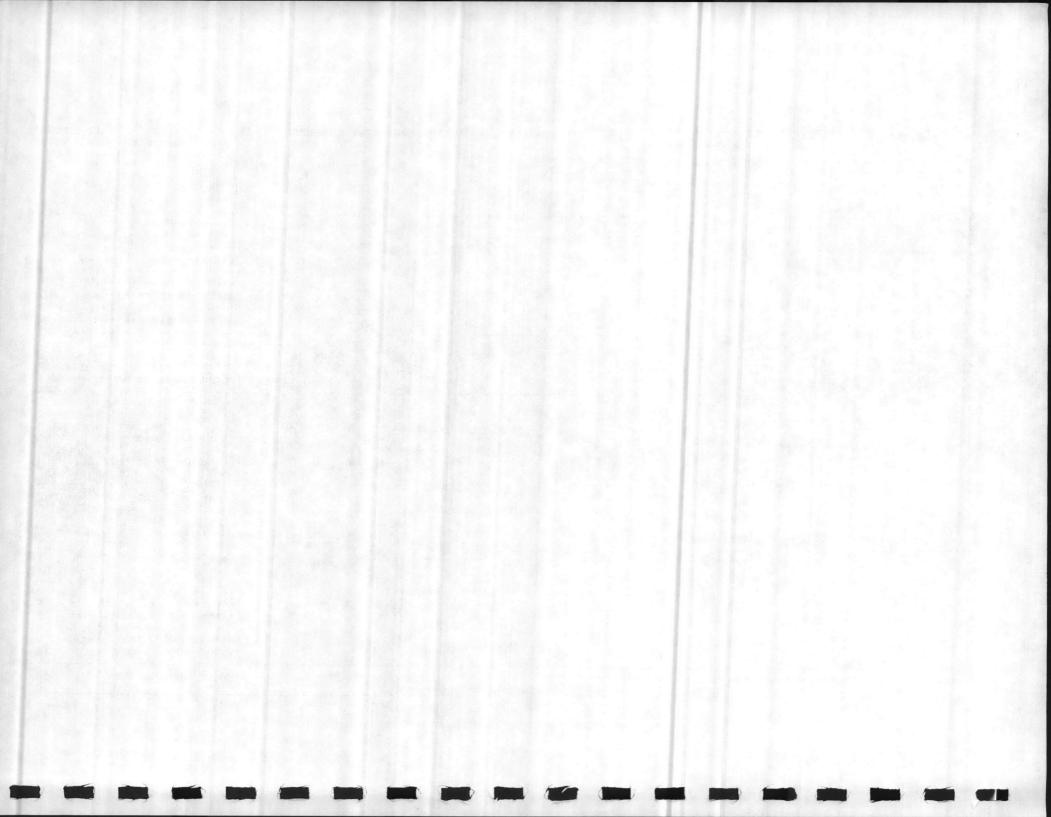


DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
List Capacity of an 8-Hour Training Day. Specify: Unit of Measure, e.g., No. of Bns/Sqdns No. of Aircraft/Helos No. of AAVs/LCACs as Appropriate			
Number of Days per Year the Maneuver Area is Available	335		
Non-availability per Year Total Maintenance Weather Budget. Fire Condition/Weather Weekends/Holidays Other.		0	
Is the Maneuver Area Capable of Nighttime Use? Yes, No	Yes		· ·
Other Maneuver Areas/Ranges Which Must Be Closed When This Maneuver Area is in Use	No	``````````````````````````````````````	

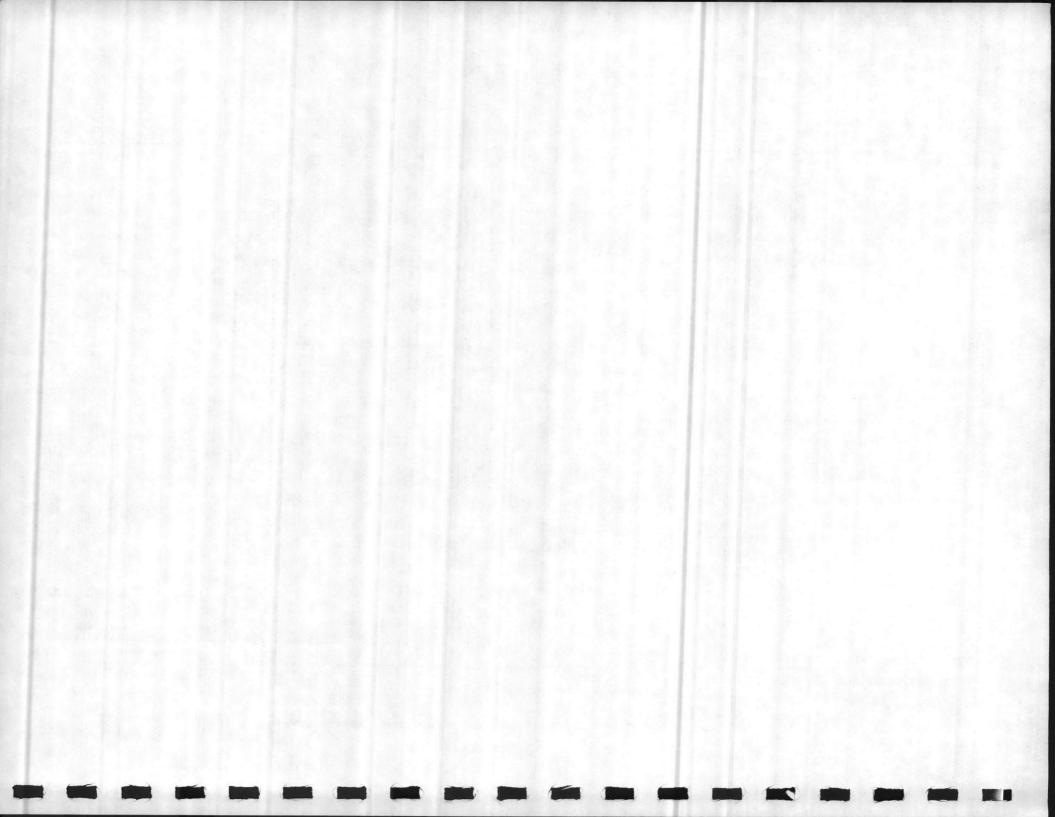
FILE NAME: UP010090 PAGE 3 OF 5 DATE: 0

DATE: 03/05/87 MAN

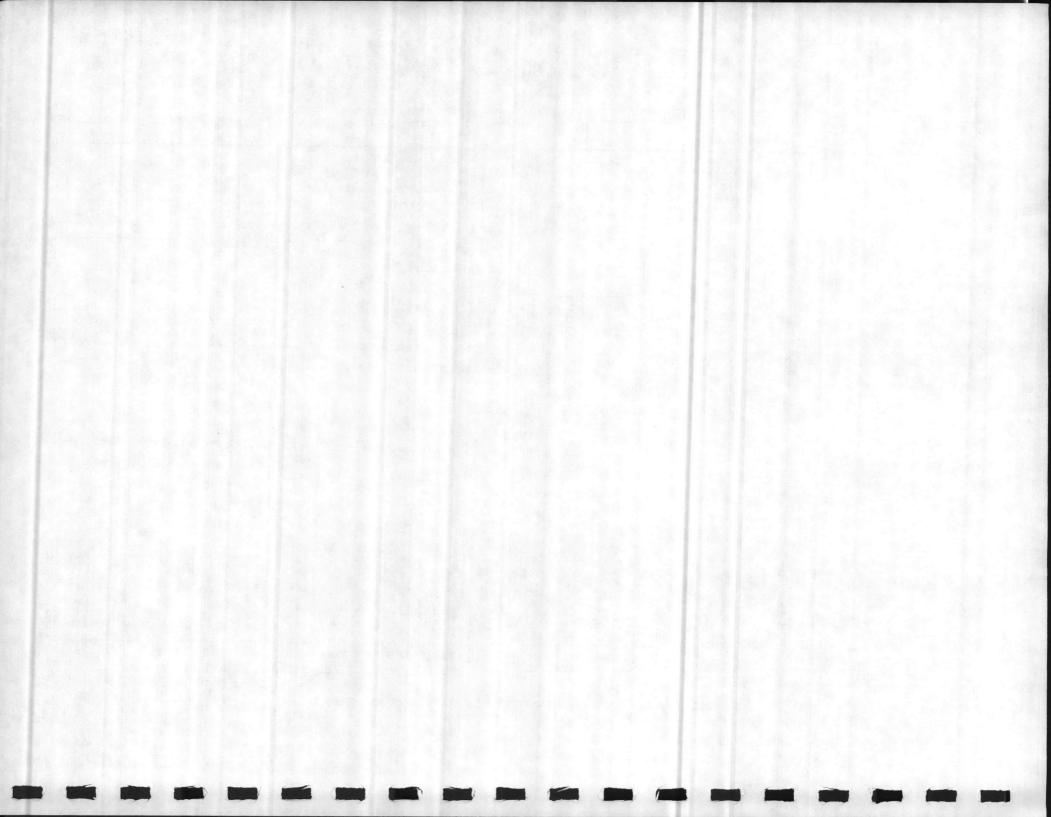
MANEUVER AREA MANAGER: D. J. Hashagen, Sr.



DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
	No		
are There Site-unique Re- quirements Placed on Using Units? Yes, No, Explain	No		
Distance from Supply Points POL (km) Ammunition (km) Rations (km)	10		
Restrictions on Maneuver Area Use Environmental AICUZ FAA Noise Gas/Chemical	x		
Pyrotechnics/Flare Time of Day Time of Year Other	x	· · ·	



DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	(SPECIFY YEAR NEEDED IN	APPLICABLE
			i .	
			1	
NAME: UP010090	87 MANEUVER AREA MANAGER: D			UTMAS-P-0



LATAR	MANEUVER	AREA	INVENTORY	DATA	FORM	(UTMAS-P-0001)
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SUBMITTED BY: D. J. Hashagen, Sr., DRCO, AV 484-2102

----- TYPE MANEUVER AREA: ------X____ Electronic Warfare Infantry X Amphibious Exercises Artillery MAGTE FTX Armor (LAVs, AAVs, Tanks) Air-to-Ground Operations Combined Arms Other Communications Exercises х Other Logistics Exercises X

MANEUVER AREA NAME AND LOCATION: RA, MCB, Camp Lejeune, NC

INSTRUCTIONS:

-- One form for each maneuver area

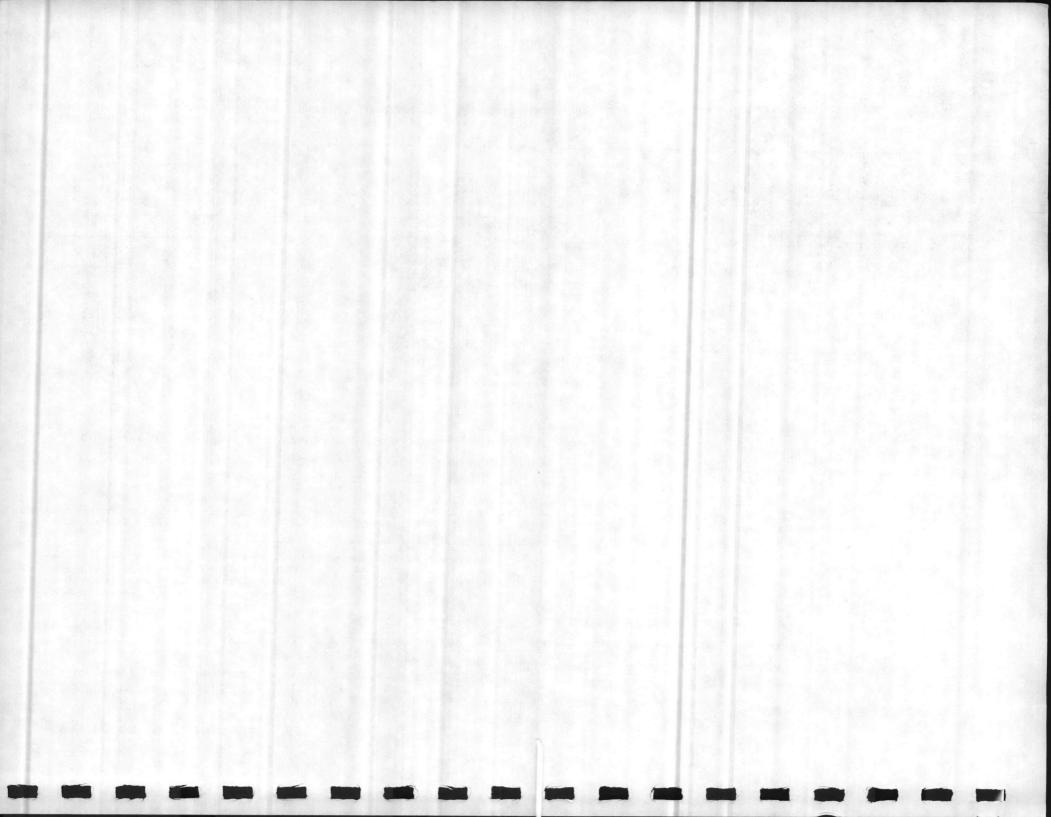
-- Fill in data elements as appropriate

-- Use right column for new or improved maneuver areas needed

DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Primary Direction of Fire	3.25 sq km TP4286 to TP4585 to TP4487 to		
	174288 to 174385 to 17487 to 174187		
Associated Air Space Altitude (ft) Ingress and Egress Routes	17,999 W to S	······	
Access No. of Land Access Routes No. of Land Water Routes No. of Air Ingress Routes No. of Air Egress Routes No. of Beach Access Areas			

FILE NAME: UP010091 PAGE 1 OF 5 DATE: 03/05/87

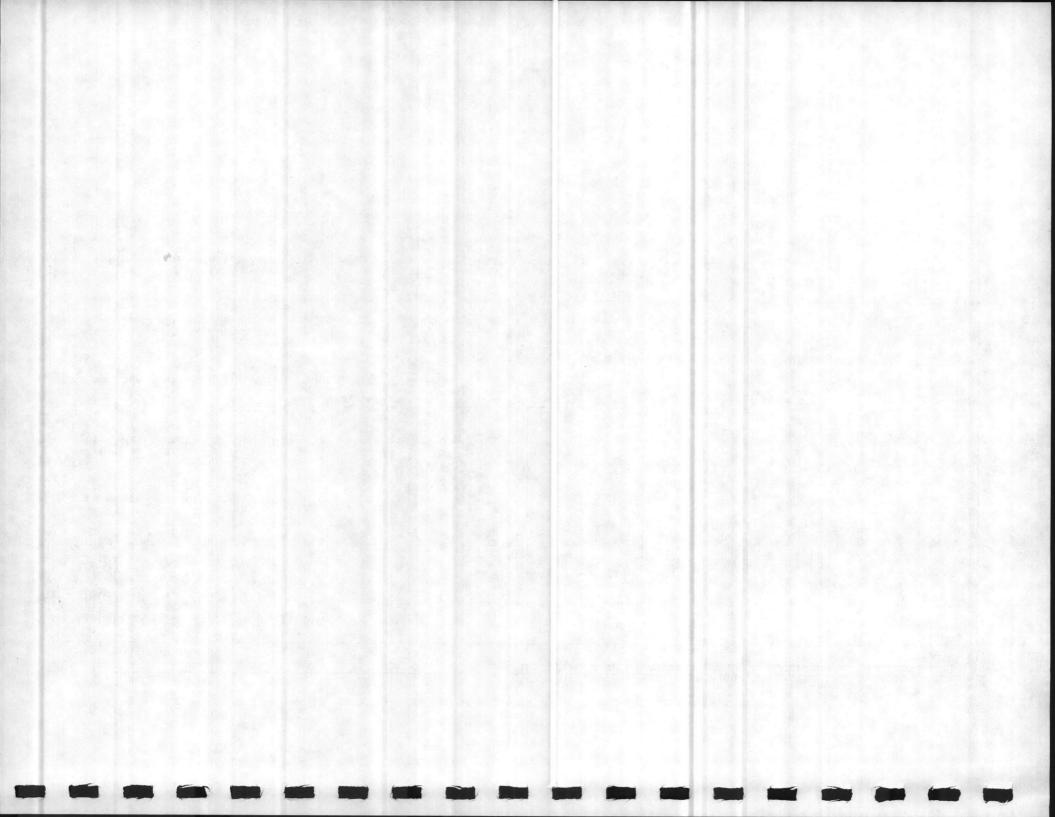
MANEUVER AREA MANAGER: D. J. Hashagen, Sr.



DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Climate SeasonalX Tropic Temperate Arctic Desert All-Weather (Indoor) Other		NOT APPLICABLE	NOT APPLICABLE
Terrain Type Percentage Mountainous Percentage Rolling		NOT APPLICABLE	NOT APPLICABLE
Soil Type Percentage Rock		NOT APPLICABLE	NOT APPLICABLE
Vegetation Percentage None			

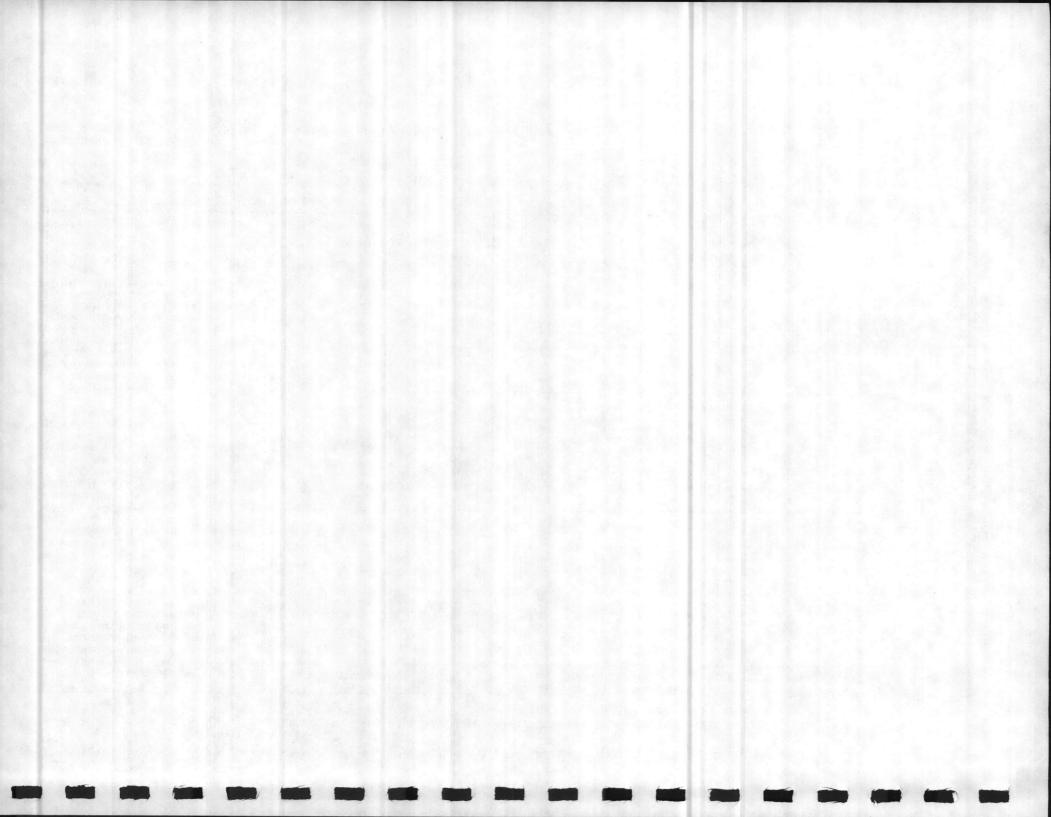
FILE NAME: UP010091 PAGE 2 OF 5 DATE: 03/05/87

MANEUVER AREA MANAGER: D. J. Hashagen, Sr._

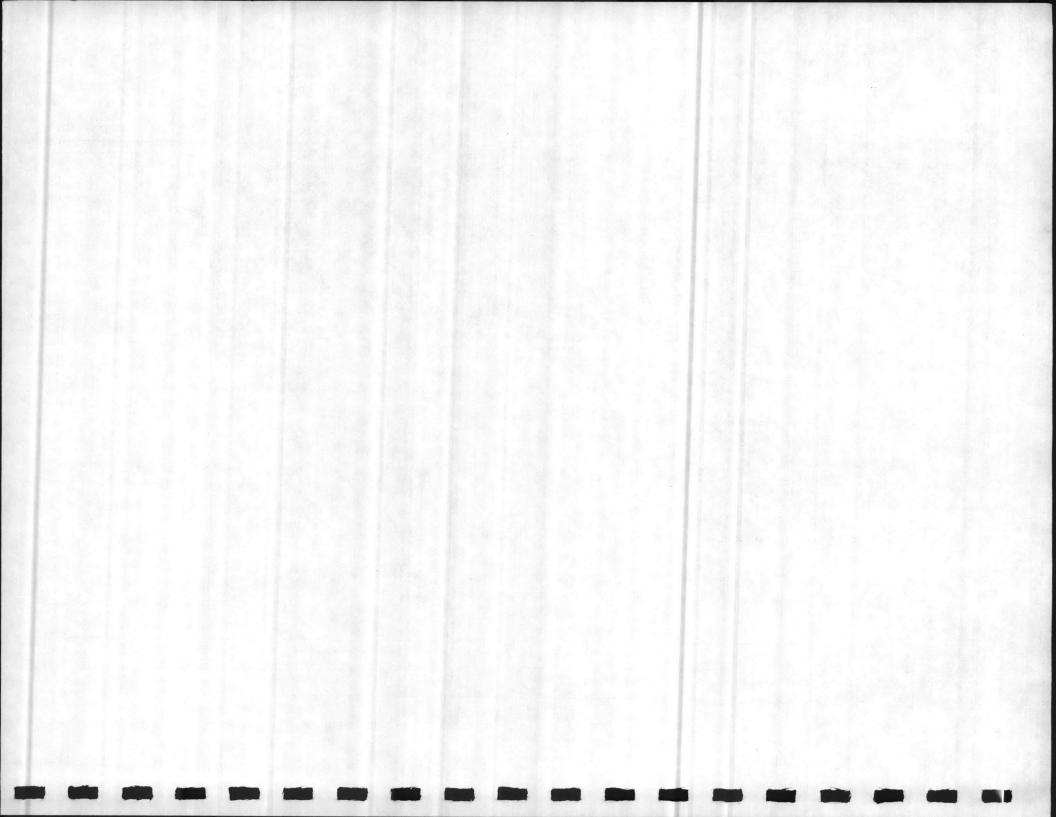


DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
List Capacity of an 8-Hour Training Day. Specify: Unit of Measure, e.g., No. of Bns/Sqdns No. of Aircraft/Helos No. of AAVs/LCACs as Appropriate			
Number of Days per Year the Maneuver Area is Available	335	 	
Non-availability per Year Total Maintenance Weather Budget Fire Condition/Weather Weekends/Holidays Other		0	0
Is the Maneuver Area Capable of Nighttime Use? Yes, No	Yes		•
Other Maneuver Areas/Ranges Which Must Be Closed When This Maneuver Area is in Use	Undefined	``````````````````````````````````````	

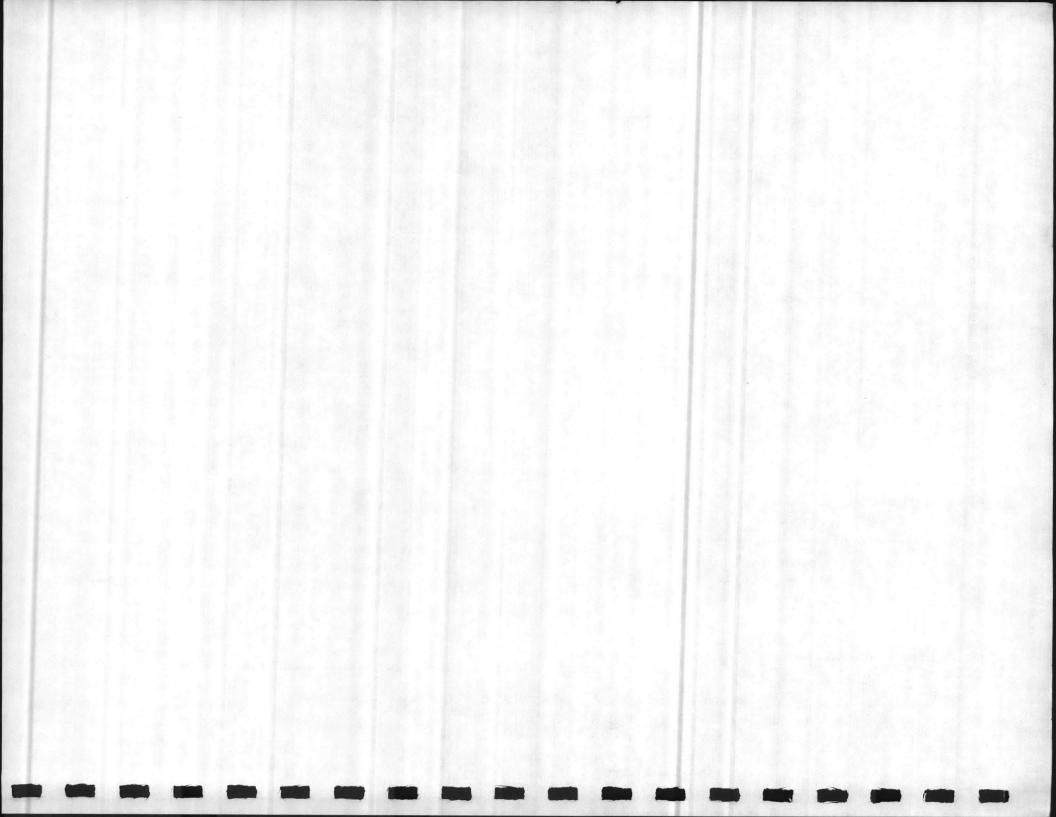
FILE NAME: UP010091
PAGE 3 OF 5 DATE: 03/05/87 MANEUVER AREA MANAGER: D. J. Hashagen, Sr._____ UTMAS-P-0001



PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
No		
No		
	•	
X		
	 No No No 10 10 10 10 10 10 10 10	No No No Indextra construction No Indextra construction Indextra constreaconstruction Ind



DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES	DESIRED	CHARACTERISTICS NEEDED IF APPLICABLE
	1		1	
NAME: UP010091		!	-1	UTMAS-P-



LATAR MANEUVER AREA INVENTORY DATA FORM (UTMAS-P-0001)

SUBMITTED BY: D. J. Hashagen, Sr., DRCO, AV 484-2102

MANEUVER AREA NAME AND LOCATION: QB, MCB, Camp Lejeune, NC

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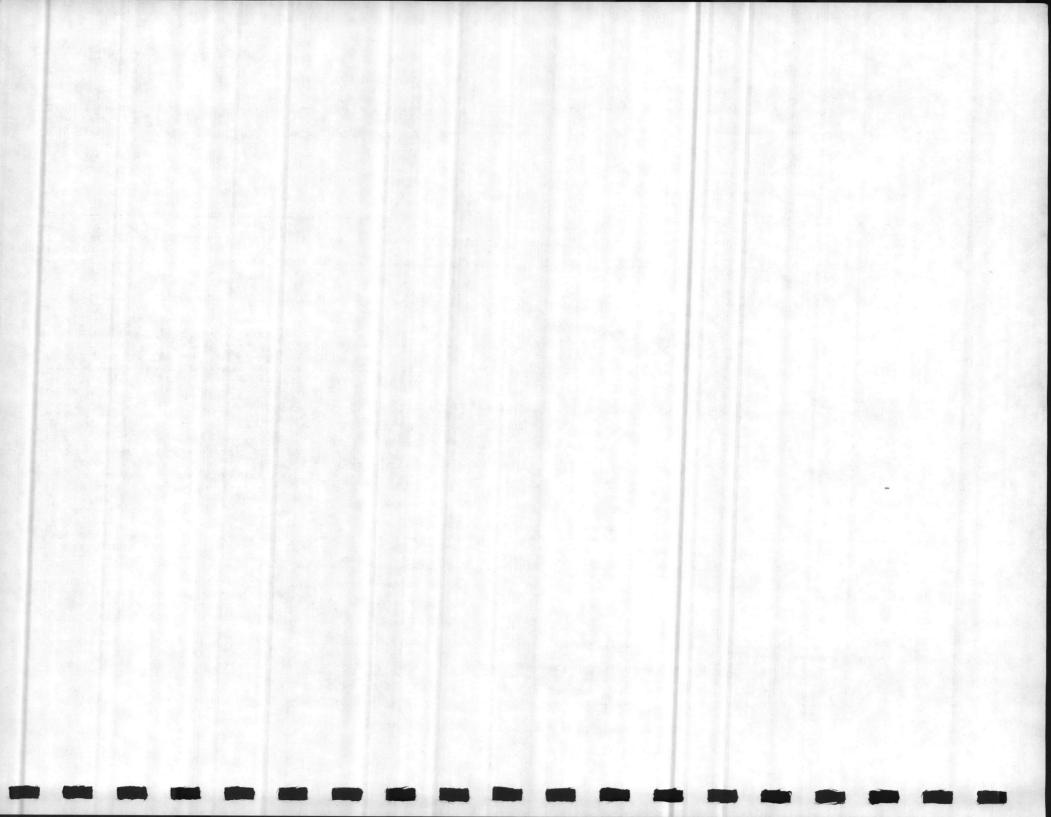
INSTRUCTIONS:

-- One form for each maneuver area

-- Fill in data elements as appropriate

--- Use right column for new or improved maneuver areas needed

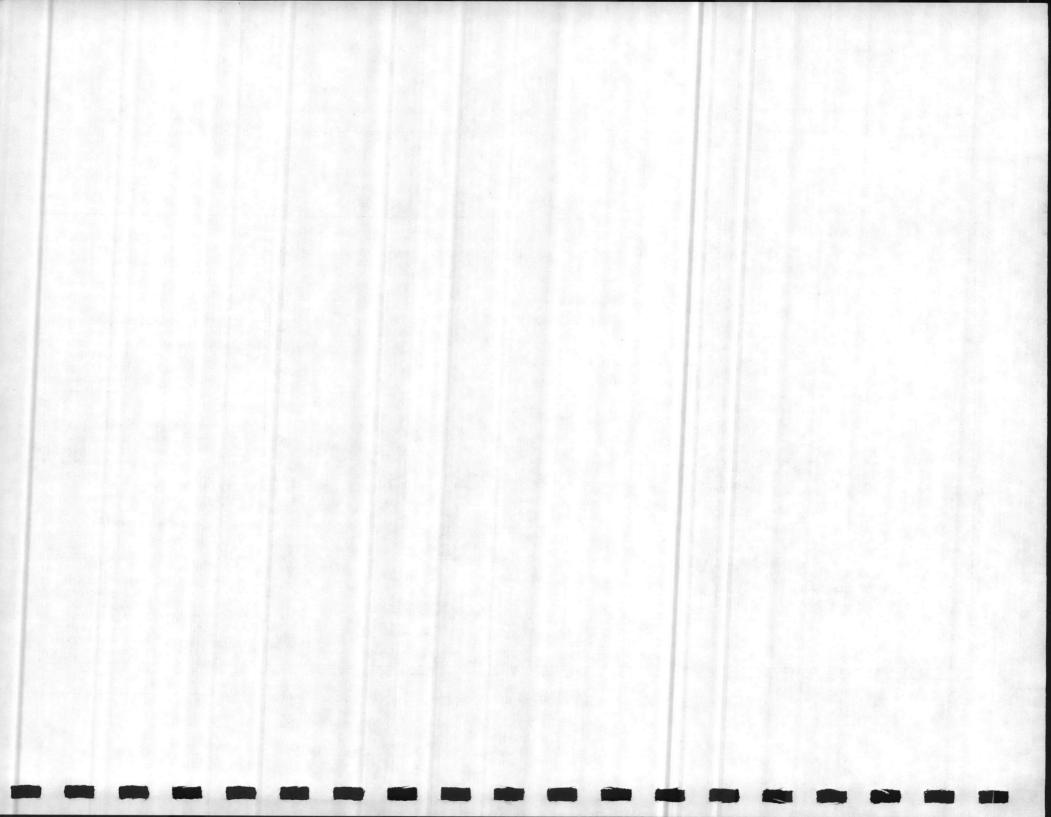
DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Primary Direction of Fire	5 sq km TP9534 to TP9537 to TP9635 to TP9637		
sociated Air Space Altitude (ft) Ingress and Egress Routes	R-5306D 17,999		
No. of Land Access Routes No. of Land Water Routes No. of Air Ingress Routes No. of Air Egress Routes No. of Beach Access Areas			



DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Climate Seasonal Tropic Temperate Arctic Desert All-Weather (Indoor) Other		NOT APPLICABLE	NOT APPLICABLE
Terrain Type Percentage Mountainous Percentage Rolling Percentage Swamp Percentage Desert Percentage Beach Percentage Level Percentage Water	5	NOT APPLICABLE	NOT APPLICABLE
Soil Type Percentage Rock		NOT APPLICABLE	NOT APPLICABLE
Vegetation Percentage None Percentage Sparse Percentage Moderate Percentage Heavy	50		

FILE NAME: UP010092 PAGE 2 OF 5 DATE: 03/05/87

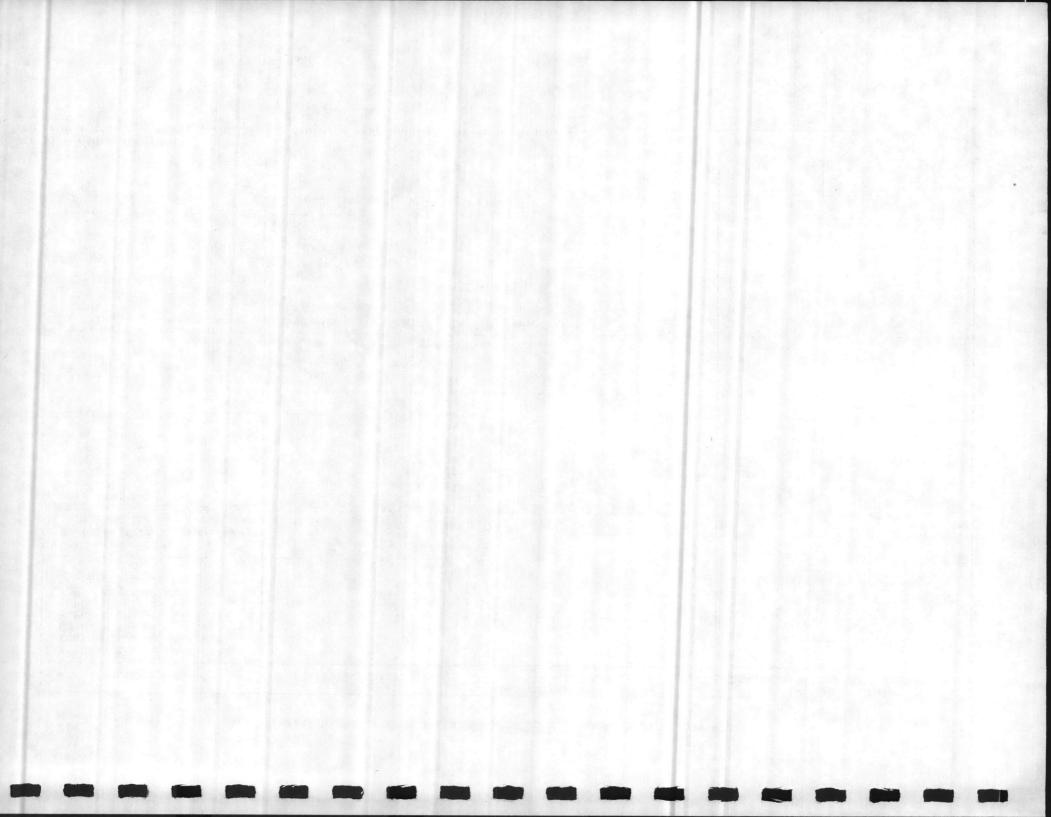
MANEUVER AREA MANAGER: D. J. Hashagen, Sr._



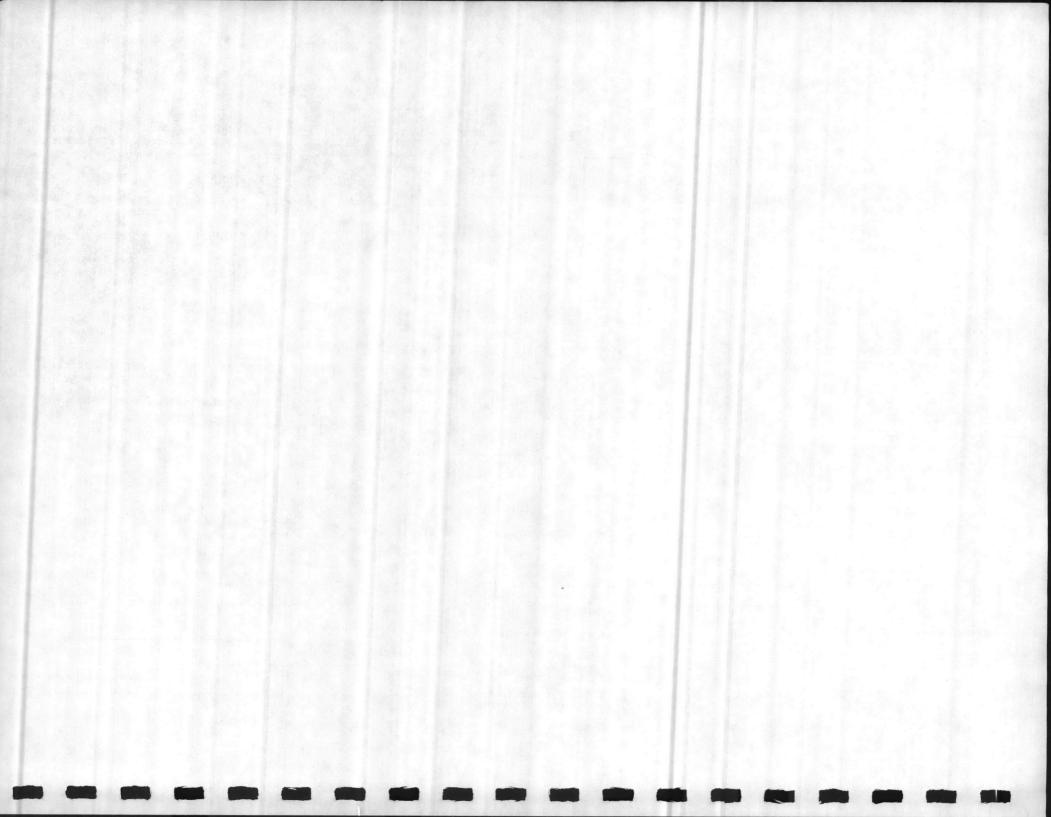
DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
List Capacity of an 8-Hour Training Day. Specify: Unit of Measure, e.g., No. of Bns/Sqdns No. of Aircraft/Helos No. of AAVs/LCACs as Appropriate			
Number of Days per Year the Maneuver Area is Available	335	 	
Non-availability per Year Total Maintenance Weather Budget Fire Condition/Weather Weekends/Holidays Other	30		
Is the Maneuver Area Capable of Nighttime Use? Yes, No	Yes		
Other Maneuver Areas/Ranges Which Must Be Closed When This Maneuver Area is in Use	Undefined	````	

FILE NAME: UP010092 PAGE 3 OF 5 DATE: 03/05/87 MANEUVER ARE

MANEUVER AREA MANAGER: D. J. Hashagen, Sr._

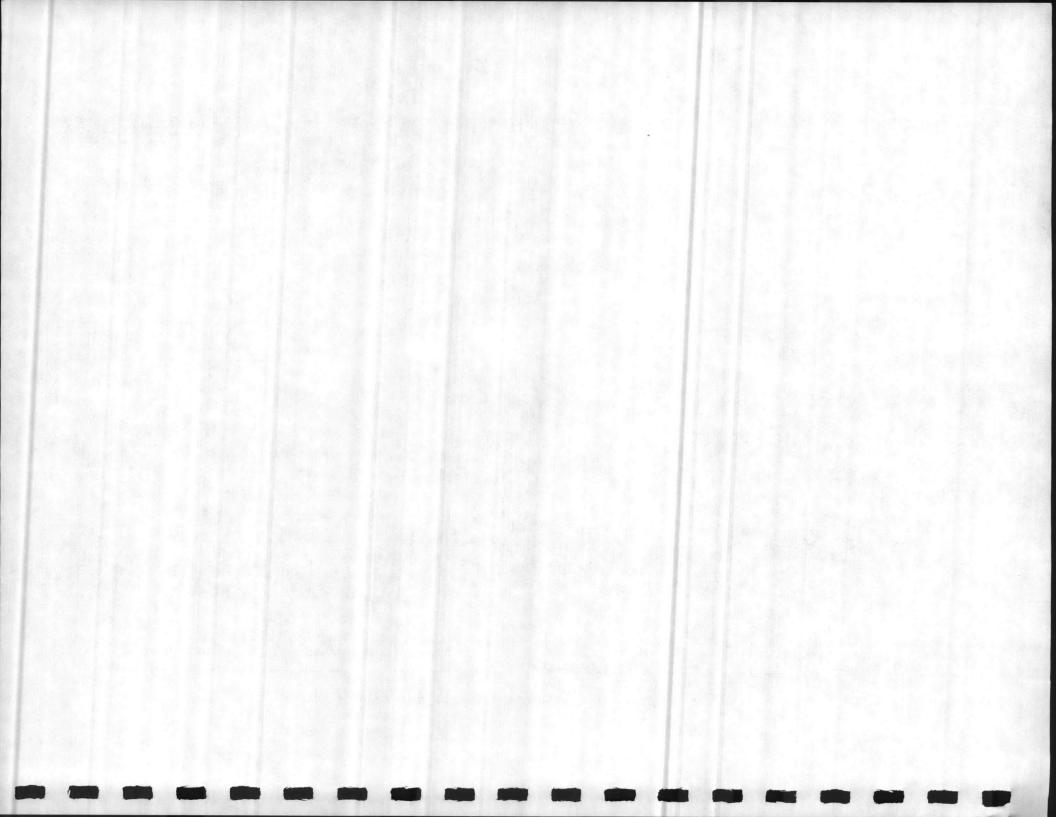


PRESENT CHARACTERISTICS	 DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
No	
Yes GP-10 TP95033694 GP-12 TP95503501 GP-13 TP96123528	
12 10 12 12	
X Woodpecker habitat X X X X Tree harvest	
	 PRESENT CHARACTERISTICS (INCLUDE YEAR)



DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS
	Salara and the second		
		and the south the beaution	
		이 가슴을 보여 영향을 통하는 것을 했다.	
		이는 그 같은 것을 물건할 것 못했다.	
		•	
NAME: UP010092			.

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LATAR MANEUVER AREA INVENTORY DATA FORM (UTMAS-P-0001)

SUBMITTED BY: D. J. Hashagen, Sr., DRCO, AV 484-2102

----- TYPE MANEUVER AREA: ------Infantry ' Electronic Warfare X x Amphibious Exercises Artillery Armor (LAVs, AAVs, Tanks) MAGTE FTX Combined Arms Air-to-Ground Operations х Communications Exercises X Other Logistics Exercises Other X

MANEUVER AREA NAME AND LOCATION: DB, MCB, Camp Lejeune, NC

INSTRUCTIONS:

PAGE 1 OF 5

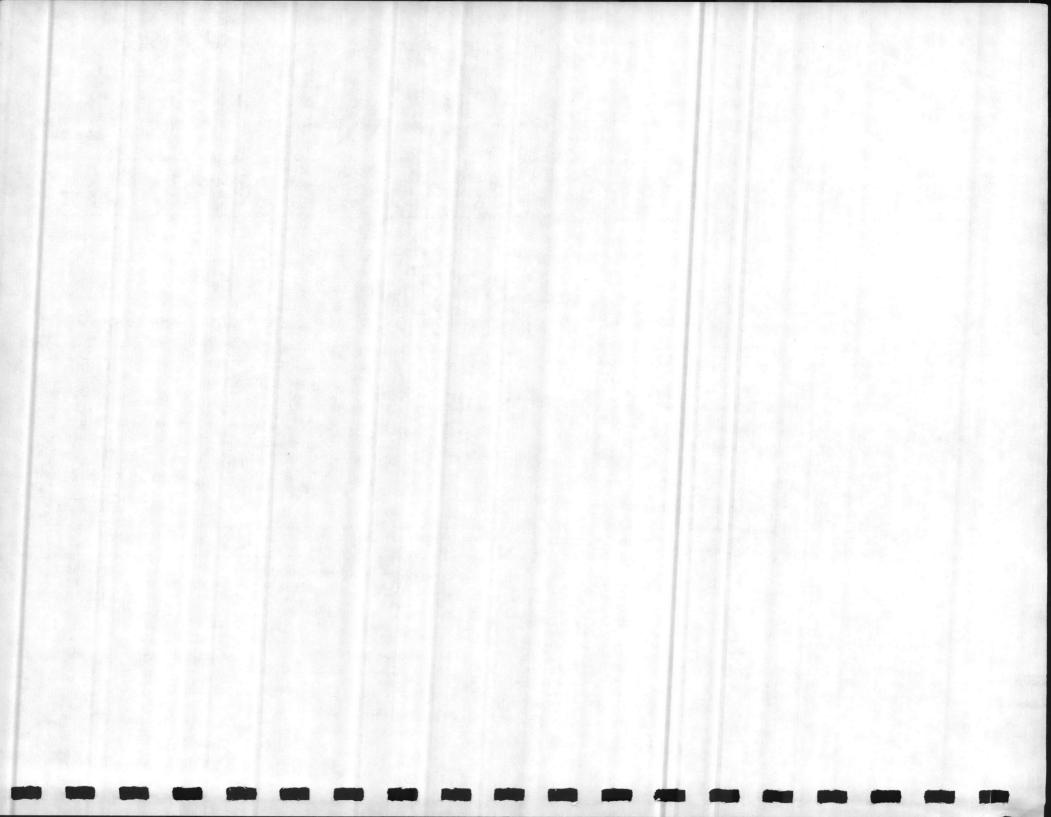
-- One form for each maneuver area

-- Fill in data elements as appropriate

-- Use right column for new or improved maneuver areas needed

DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
	3.25 sq km N		
Coordinates	TP8440 to TP8539 to TP8639 to TP8641		
Associated Air Space Altitude (ft) Ingress and Egress Routes	17,999 W to E	 	
Access No. of Land Access Routes No. of Land Water Routes No. of Air Ingress Routes No. of Air Egress Routes No. of Beach Access Areas	1		

DATE: 03/05/87 MANEUVER AREA MANAGER: D. J. Hashagen, Sr._____ UTMAS-P-0001



DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Climate Seasonal Tropic Temperate Arctic Desert All-Weather (Indoor) Other		NOT APPLICABLE	NOT APPLICABLE
Terrain Type Percentage Mountainous. Percentage Rolling Percentage Swamp Percentage Desert Percentage Beach Percentage Level Percentage Water	30 70	NOT APPLICABLE	NOT APPLICABLE
Soil Type Percentage Rock Percentage Sand Percentage Clay Percentage Swamp/Marsh. Percentage Loamy Percentage Other	100 	NOT APPLICABLE	NOT APPLICABLE
Vegetation Percentage None Percentage Sparse Percentage Moderate Percentage Heavy			

FILE NAME: UP010093

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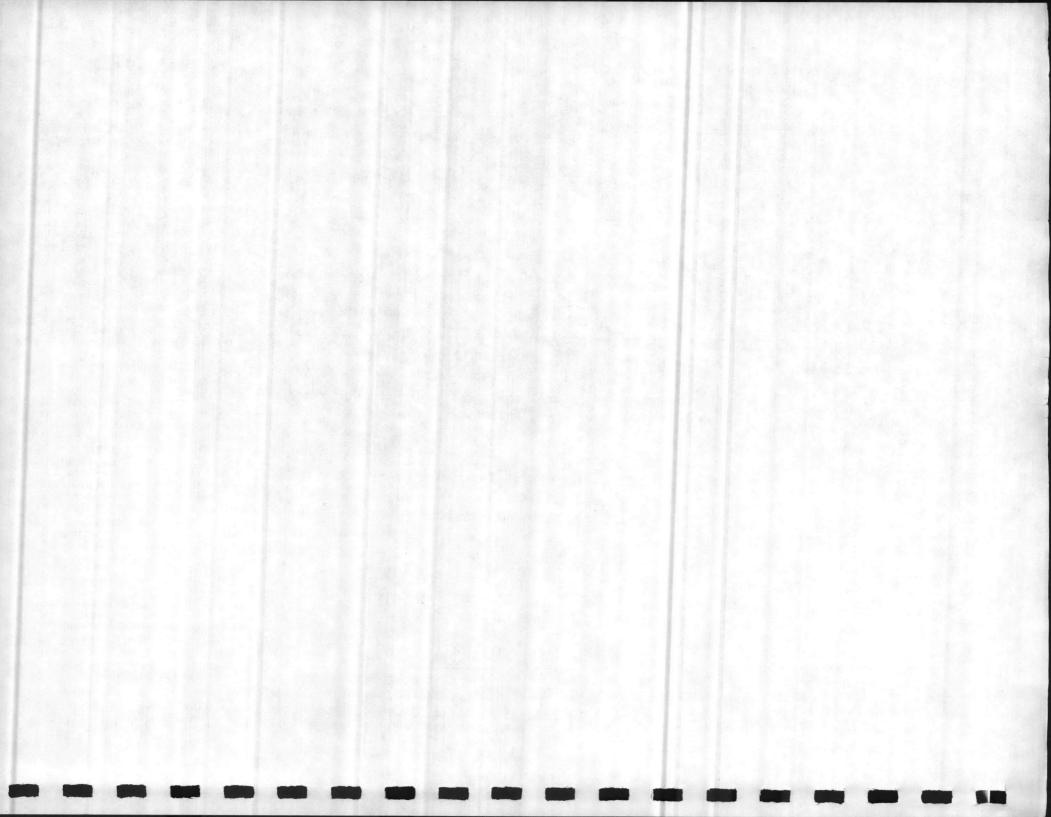
PAGE 2 OF 5 DATE: 03/05/87 MANEUVER AREA MANAGER: D. J. Hashagen, Sr.___



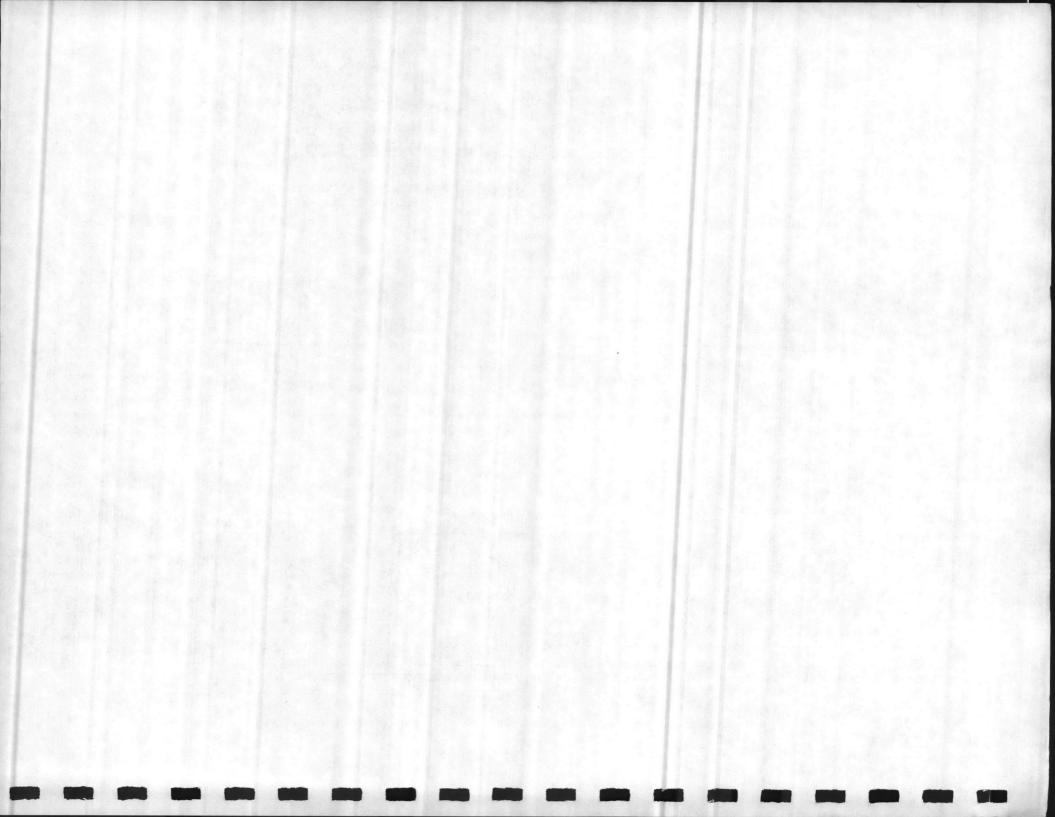
PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
2 4 		
335		
30 30 30		0
Yes		•
 Yes D-9 Skeet Range LZ Sparrow 		
	2 4 	PRESENT CHARACTERISTICS (INCLUDE YEAR) 2

FILE NAME: UP010093 PAGE 3 OF 5 DATE: 03/05/87

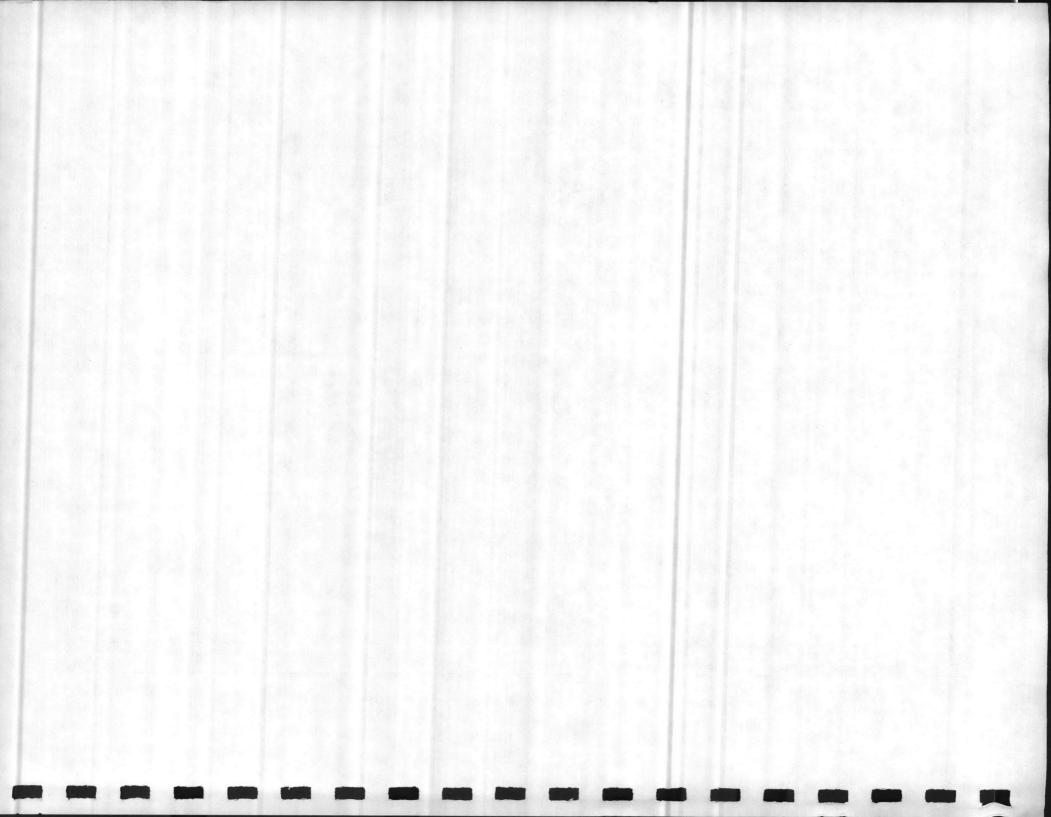
MANEUVER AREA MANAGER: D. J. Hashagen, Sr._



PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
No		
Yes D-9 Skeet Range TP855397 LZ Sparrow TP853398		
3 5 3 3 3	 	
X Tree harvest		
	No Yes D-9 Skeet Range TP855397 LZ Sparrow TP853398	PRESENT CHARACTERISTICS (INCLUDE YEAR)



DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE
			-
		the second second	



LATAR MANEUVER AREA INVENTORY	DATA FORM	(UTMAS-P-0001)	
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SUBMITTED BY: LtCol T. L. Quinter, S-30, AV 484-6311/6312

MANEUVER AREA NAME AND LOCATION: Marine Corps Outlying Field, Oak Grove, MCAS, New River, NC

----- TYPE MANEUVER AREA: ------X____ Infantry. Electronic Warfare _ Artillery Amphibious Exercises Armor (LAVs, AAVs, Tanks) MAGTE FTX _ Combined Arms Air-to-Ground Operations Communications Exercises X Airfield Logistics Exercises Other

INSTRUCTIONS:

-- One form for each maneuver area

-- Fill in data elements as appropriate

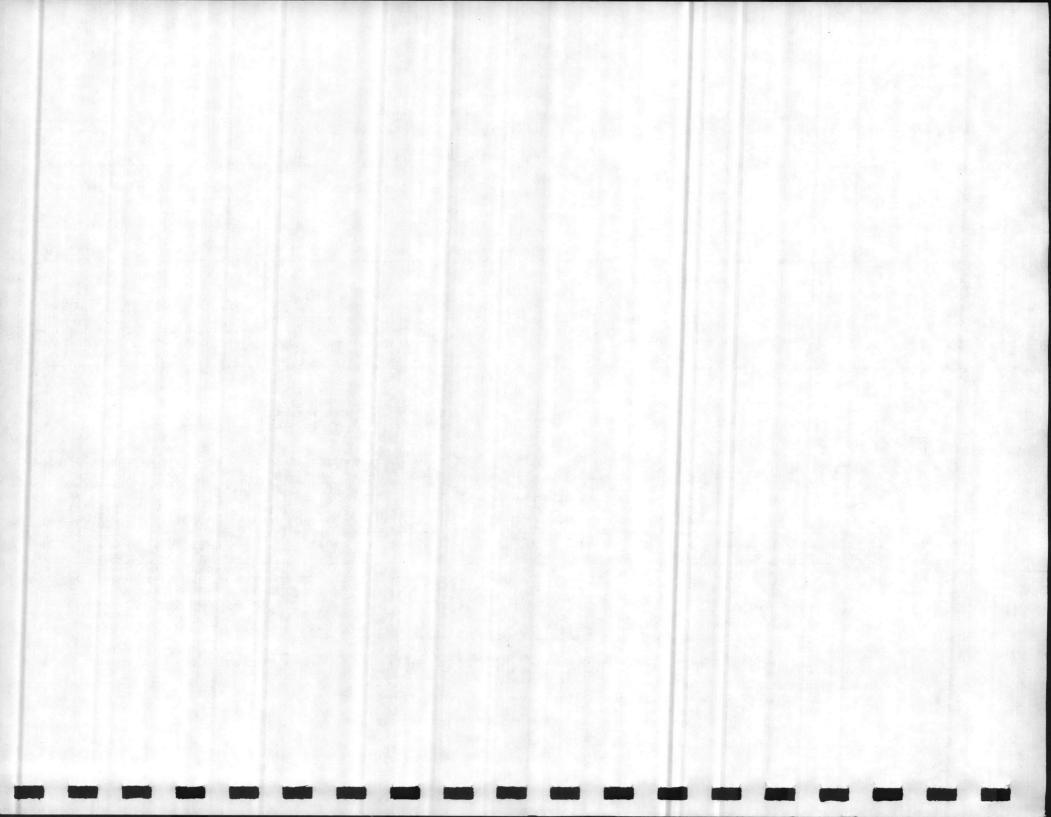
-- Use right column for new or improved maneuver areas needed

DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Range Shape and Dimensions Dimensions (km) Primary Direction of Fire Coordinates	Irregular 2 X 2 No live fire UP940780 (center of mass)	None, except improvements to present runways and possible new buildings for replace- ment of MCAF, Bogue Field	
	The area is an airfield with 2 runways and lies 23 miles northwest of MCAS, Cherry Point, NC		
Associated Air Space Altitude (ft) Ingress and Egress Routes			•
Access No. of Land Access Routes No. of Land Water Routes No. of Air Ingress Routes No. of Air Egress Routes No. of Beach Access Areas	2 2 4		4 4 FY 91 for MV-22

FILE NAME: UP010129

DATE: 03/09/87 PAGE 1 OF 5

MANEUVER AREA MANAGER: COMCABEAST Maintenance/Policy; MCAS, New River Scheduling



DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Climate Seasonal Tropic Temperate Arctic Desert All-Weather (Indoor) Other	X	NOT APPLICABLE	NOT APPLICABLE
Terrain Type Percentage Mountainous Percentage Rolling Percentage Swamp Percentage Desert Percentage Beach Percentage Level Percentage Water		NOT APPLICABLE	NOT APPLICABLE
Soil Type Percentage Rock Percentage Sand Percentage Clay Percentage Swamp/Marsh Percentage Loamy Percentage Other	Undefined	NOT APPLICABLE	NOT APPLICABLE
Vegetation Percentage None Percentage Sparse Percentage Moderate Percentage Heavy	10 15	Undefined	

FILE NAME: UP010129 PAGE 2 OF 5 DATE:

DATE: 03/09/87

MANEUVER AREA MANAGER: COMCABEAST Maintenance/Policy; MCAS, New River Scheduling

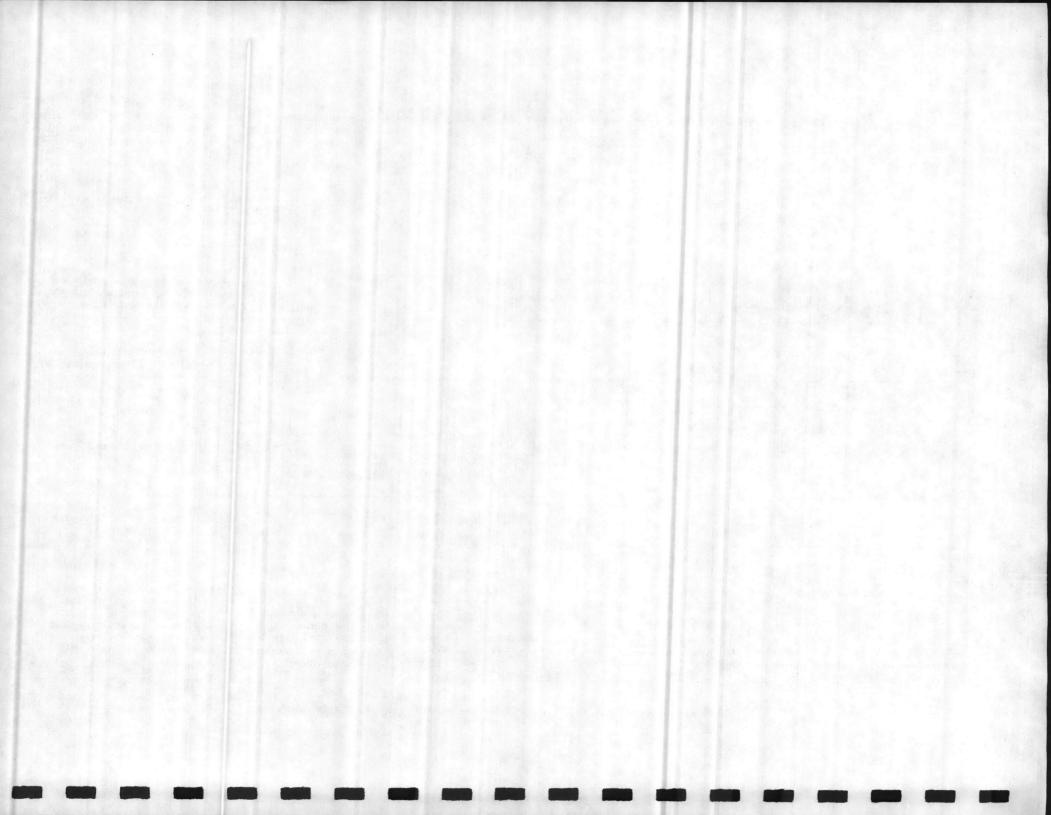


LATAR MANEUVER	AREA	INVENTORY	DATA	FORM	(UTMAS-P-0001)	(CONTINUED)
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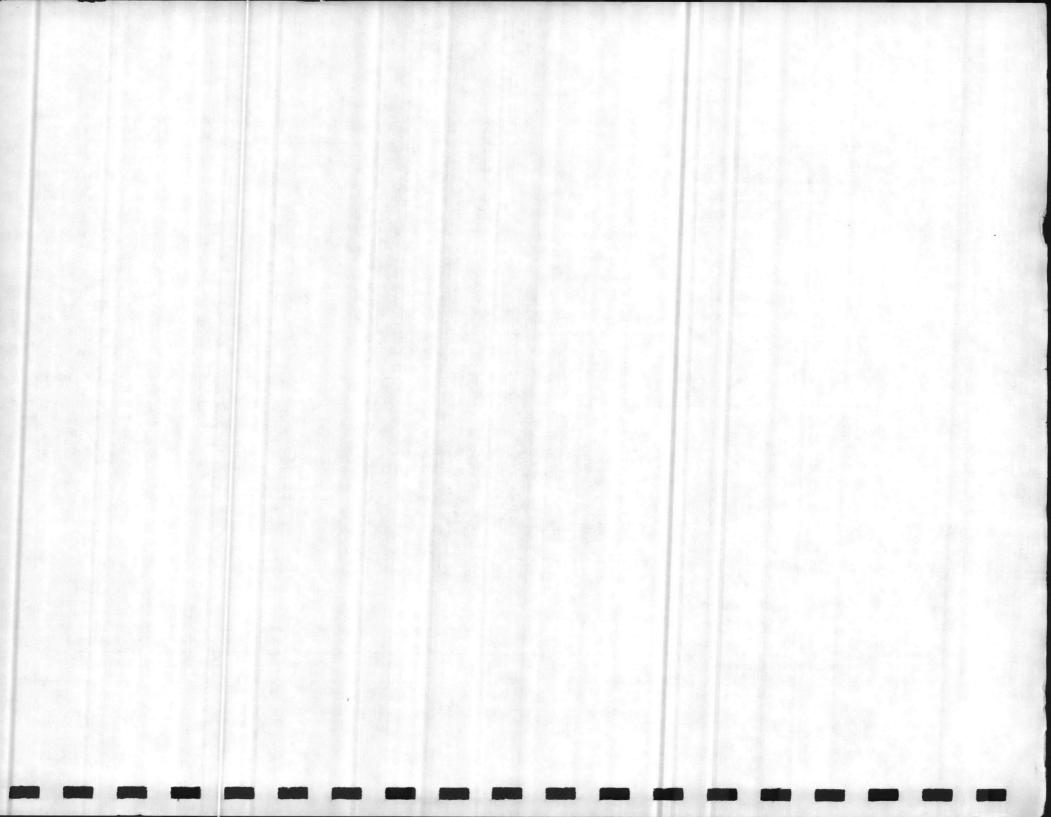
DATA ELEMENT PRESENT CHARACTERISTICS		ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE
List Capacity of an 8-Hour Training Day. Specify: Unit of Measure, e.g., No. of Bns/Sqdns No. of Aircraft/Helos No. of AAVs/LCACs as Appropriate	12 touch and goes per hour times 8 hours	Undefined 	1 500 T&G FY 91 for MV-22 0
Number of Days per Year the Maneuver Area is Available	365	Undefined	365
Non-availability per Year Total Maintenance Weather Budget Fire Condition/Weather Weekends/Holidays Other	NA 0	NA 0 	NA 0
Is the Maneuver Area Capable of Nighttime Use? Yes, No	Yes		Yes
Other Maneuver Areas/Ranges Which Must Be Closed When This Maneuver Area is in Use	Undefined	Undefined	Undefined

FILE NAME: UP010129 PAGE 3 OF 5 DATE: 03/09/87

MANEUVER AREA MANAGER: COMCABEAST Maintenance/Policy; MCAS, New River Scheduling



PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Yes Noise sensitive areas for air- craft operations, especially at night	Undefined	Yes Procure property in AICUZ noise. Foot print to eliminate noise hazard to neighbors.
Yes Environmental restrictions for ground users	Undefined	
35	Undefined	 NA
X Water pollution X	Undefined	X FY 91 X AICUZ clear zones need to be acquired for clear area and nois
	Yes Noise sensitive areas for air- craft operations, especially at night Yes Environmental restrictions for ground users 35 35 35 35 X Water pollution X X	PRESENT CHARACTERISTICS (INCLUDE YEAR) Yes Undefined Noise sensitive areas for air- craft operations, especially at night Undefined Yes Undefined Environmental restrictions for ground users Undefined 35



DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE
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