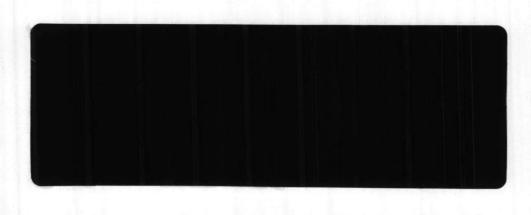


5 Koger Executive Center, Suite 127, Norfolk, VA 23502 ● (804) 461-1537







5 Koger Executive Center, Suite 127, Norfolk, VA 23502 ● (804) 461-1537

LATAR STUDY

(PHASE I - PROBLEM DEFINITION)

MARINE CORPS LIVE FIRE RANGE AND

MANEUVER AREA RESOURCES

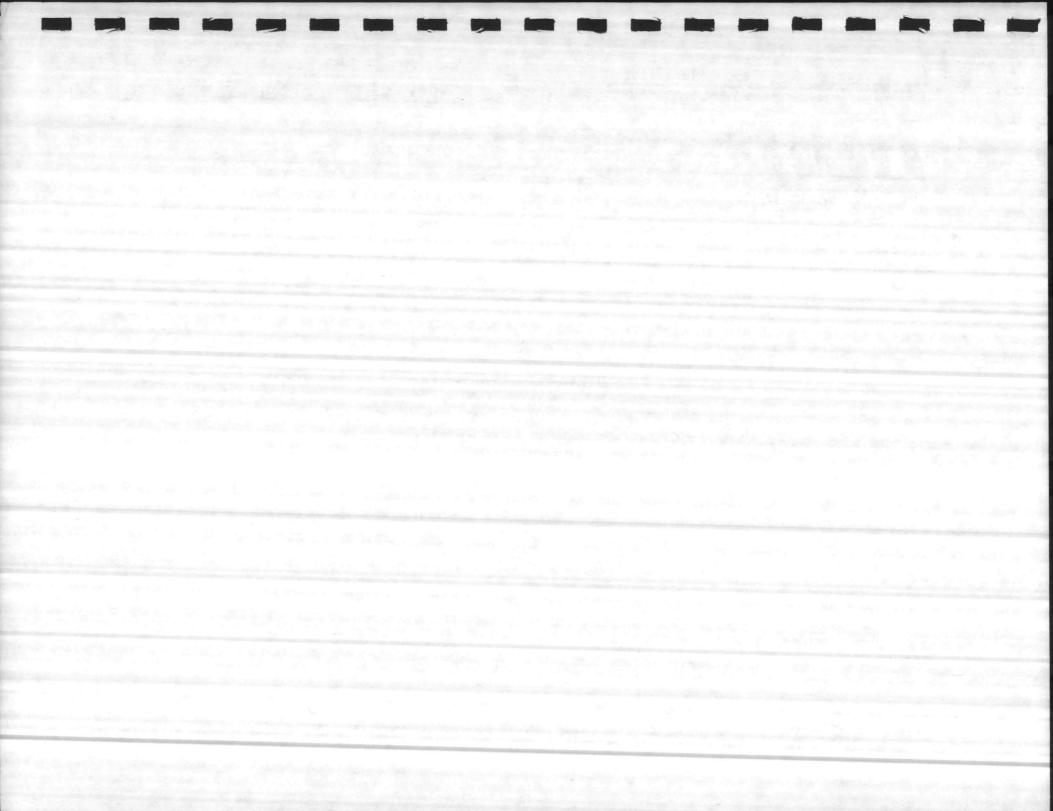
VOLUME 2 - MCB, CAMP LEJEUNE, NC/

MCAS, NEW RIVER, NC

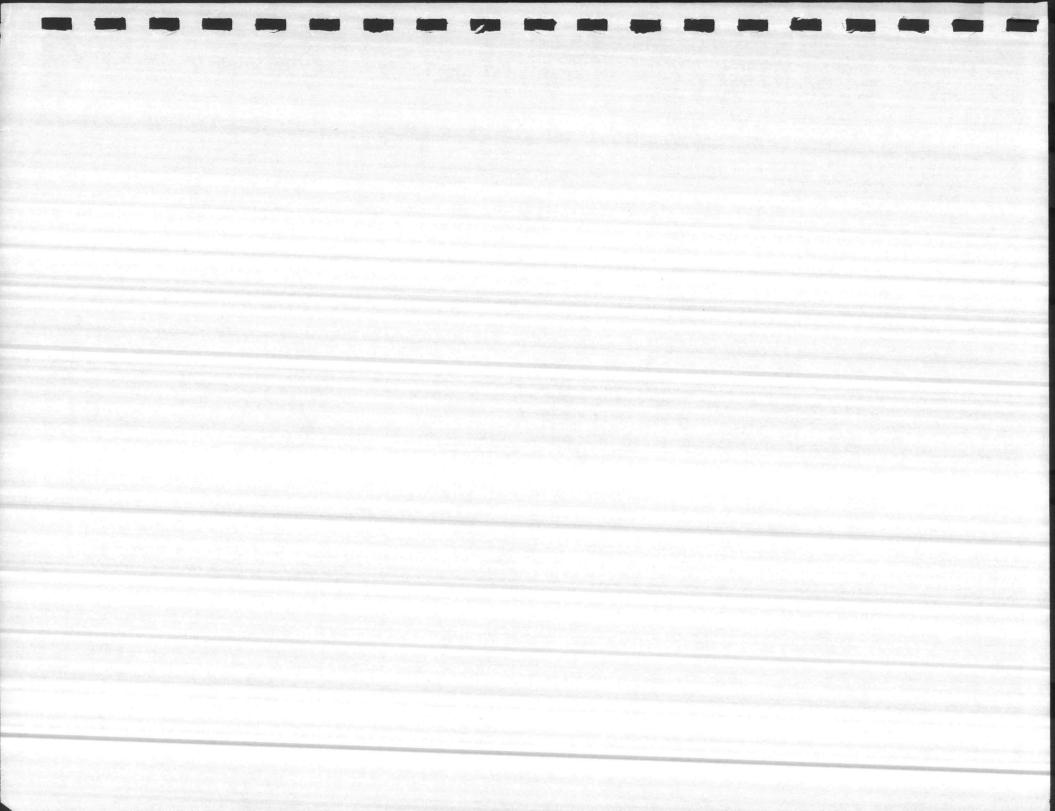
PART II, SECTION 1

SEPTEMBER 30, 1987

BDM/NOR-87-0949-TR



PART II, SECTION 1
UNIT TRAINING AND MANEUVER AREA RESOURCES
(UTMAS-P)



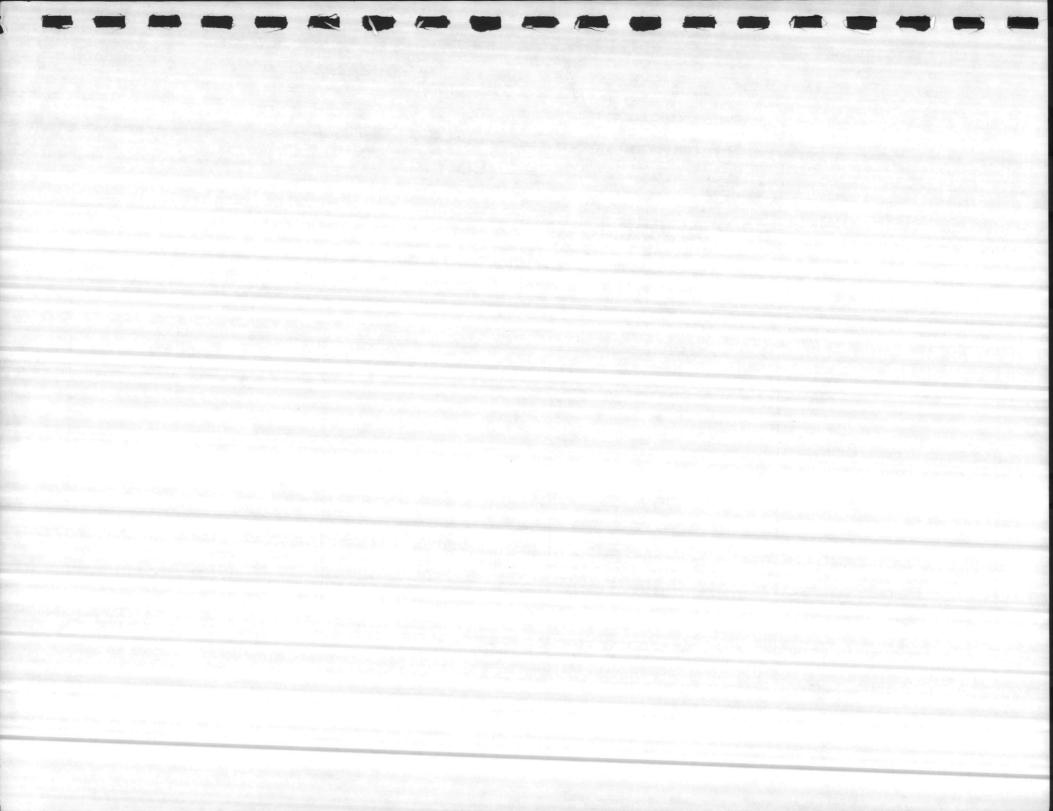
LATAR MANEUVER AREA INVENTORY DATA FORM (UTMAS-P-0001)

SUBMITTED BY: D. J. Hashagen, Sr., DRCO, AV 484-2102 MANEUVER AREA NAME AND LOCATION: Gator Reconnaissance Beach Authorized Parachute Drop Zone, MCB, Camp Lejeune, NC	Infantry Electronic Warfare Artillery X Amphibious Exercises Armor (LAVs, AAVs, Tanks) MAGTF FTX Combined Arms Air-to-Ground Operations Communications Exercises X Helicopter Rasting 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)	Undefined		
Primary Direction of Fire Coordinates	NA TP9326		
Associated Air Space Altitude (ft)	 17,999 NA		
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	TILE NAME:		UP010001		
PAGE	1	OF	5	DATE:	03/05/87

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

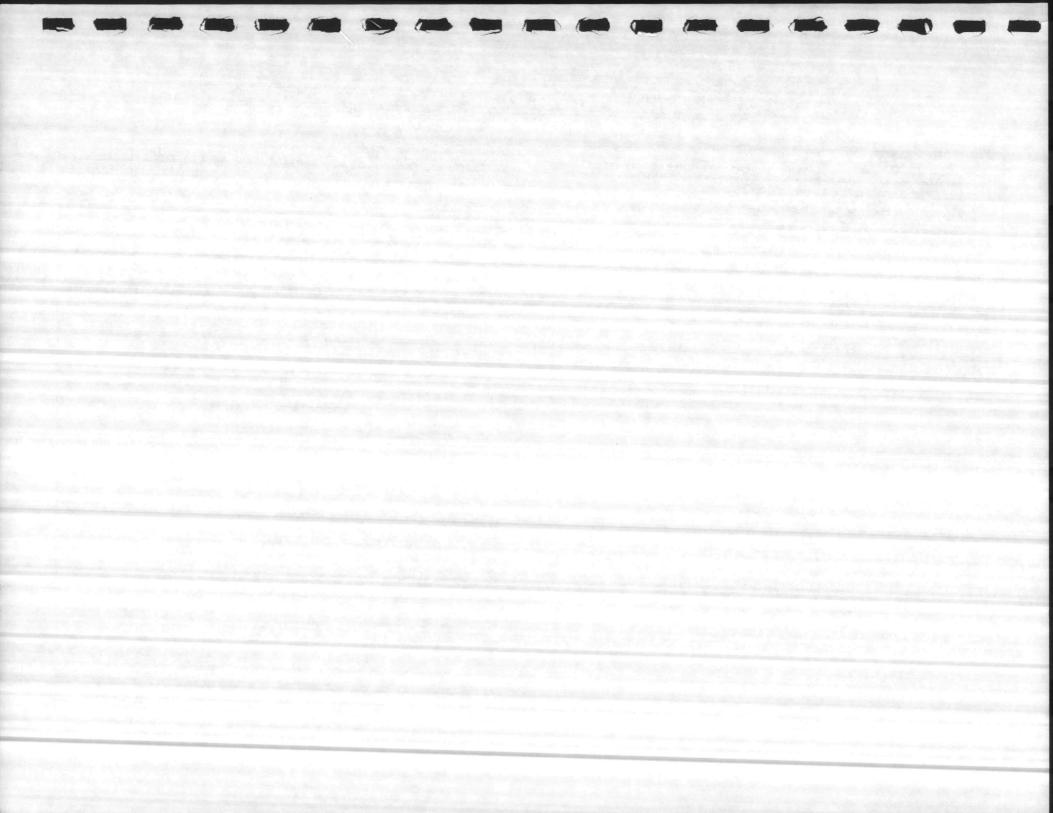


DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Climate Seasonal	X	NOT APPLICABLE	NOT APPLICABLE
Terrain Type Percentage Mountainous Percentage Rolling Percentage Swamp Percentage Desert Percentage Beach Percentage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

FILE NAME: UP010001

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
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			
Number of Days per Year the Maneuver Area is Available	1365		
Non-availability per Year Total	 	0	0
	NA		

FILE NAME: UP010001

PAGE 3 OF 5 DATE: 03/05/87

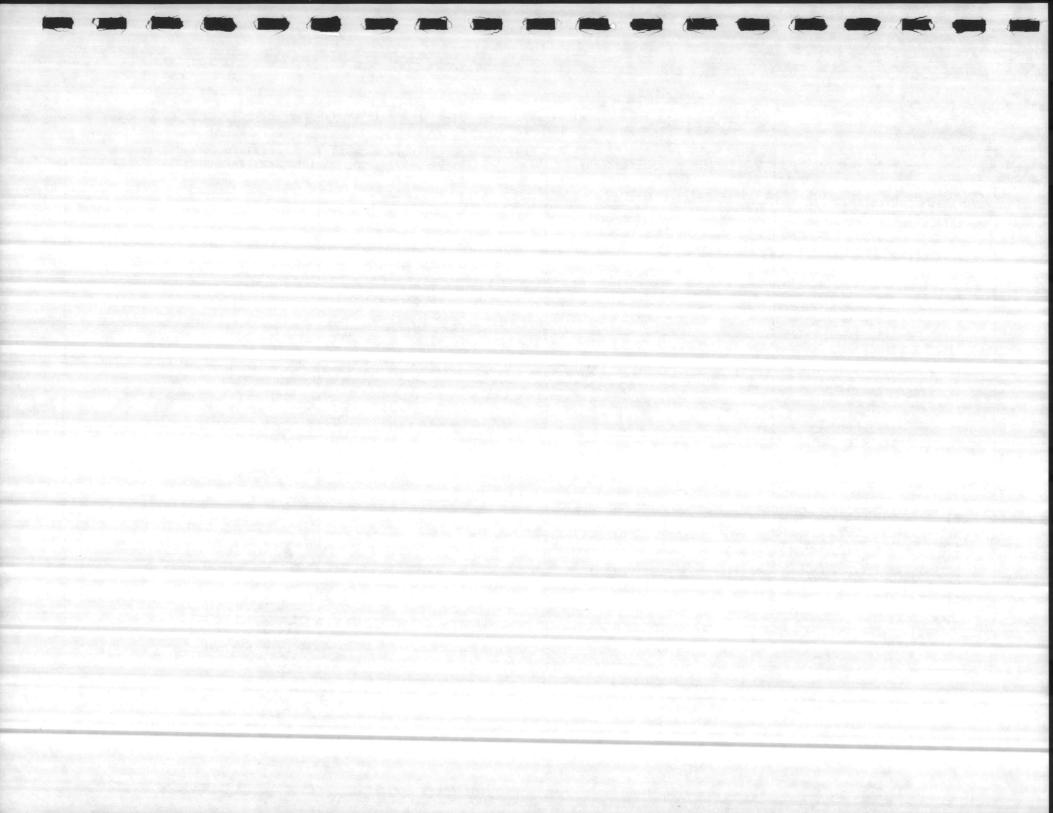
MANEUVER AREA MANAGER: D. J. Hashagen, Sr.

IITMAS-P-0001

		Are There Site-unique Fastures (Walvers to Man- euver Area Standards, Safety, etc.)? Vas. No. Sapistn
	7.17	-an empinu-sjie szent aza
		Astemants Placed on Using Ulit. Yes, No. Explain
		Distance from Supply Foints Pob (km)
		Area Usa Bayaronmental
	THE STATE OF STATE STATEMENT	TAXE 4 OF B DATE: 03/05/87

FILE NAME: UP010001

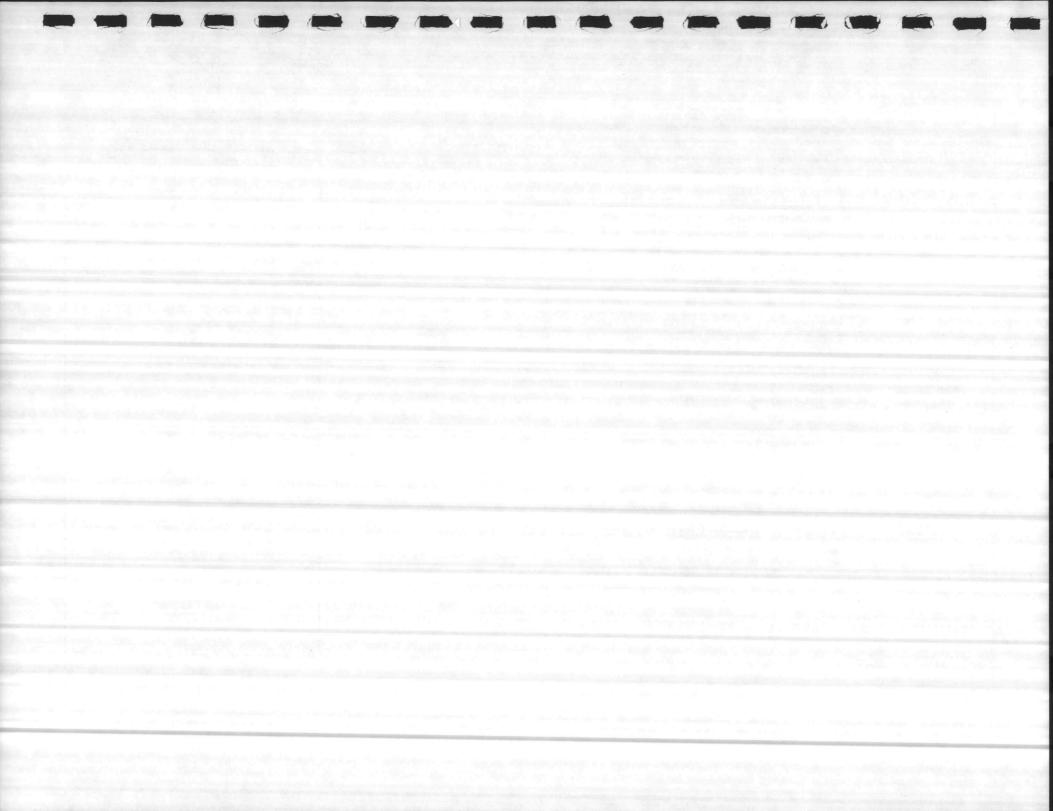
PAGE 4 OF 5 DATE: 03/05/87 MANEUVER AREA MANAGER: D. J. Hashagen, Sr.



DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE
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FILE NAME: UP010001

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



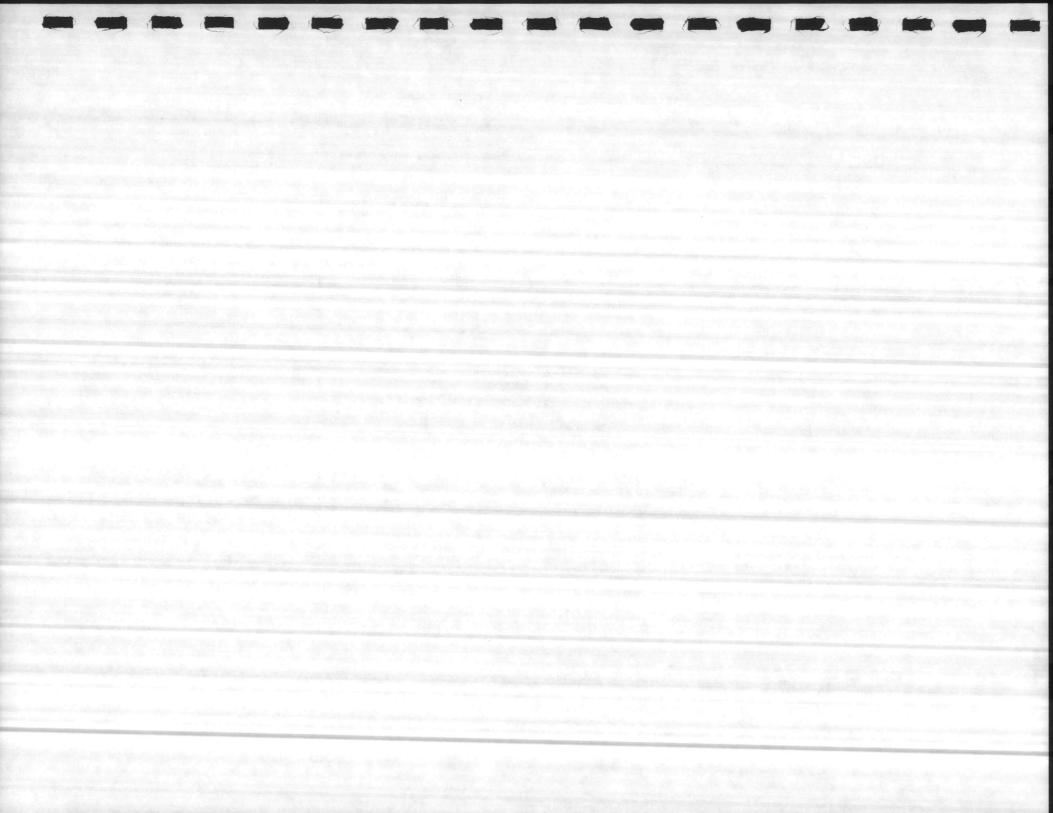
LATAR MANEUVER AREA INVENTORY DATA FORM (UTMAS-P-0001)

SUBMITTED BY: D. J. Hashagen, Sr., DRCO, AV 484-2102 MANEUVER AREA NAME AND LOCATION: Morgan Bay Authorized Parachute Drop Zone, MCB, Camp Lejeune, NC	Infantry Electronic Warfare Artillery X Amphibious Exercises Armor (LAVs, AAVs, Tanks) MAGTF FTX Combined Arms Air-to-Ground Operations Communications Exercises X Helicopter Rasting 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	 Undefined NA		
Coordinates	TP8141		
Associated Air Space Altitude (ft)	 		
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:		UP010002			
PAGE	1	OF	5	DATE:	03/05/87

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

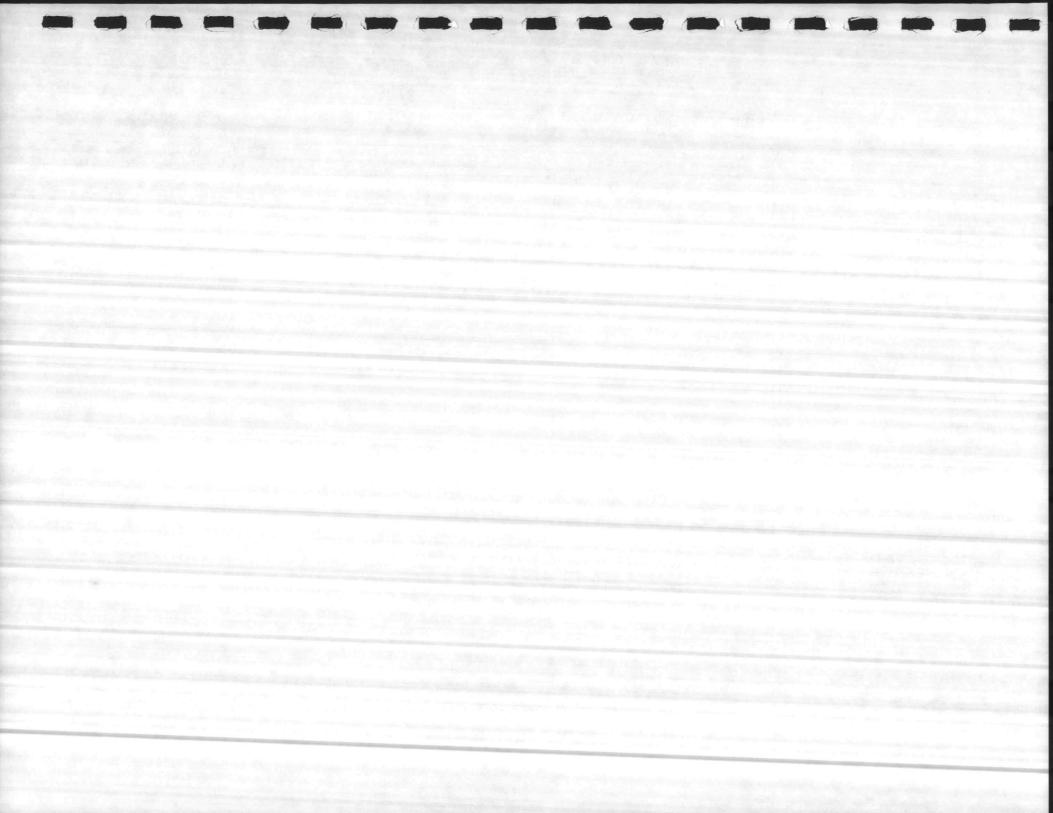


DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Climate Seasonal	X	NOT APPLICABLE	NOT APPLICABLE
Terrain Type Percentage Mountainous Percentage Rolling Percentage Swamp Percentage Desert Percentage Beach Percentage Level Percentage Water		NOT APPLICABLE	NOT APPLICABLE
Soil Type Percentage Rock Percentage Sand Percentage Clay Percentage Swamp/Marsh Percentage Loamy Percentage Other		NOT APPLICABLE	NOT APPLICABLE
Vegetation Percentage None Percentage Sparse Percentage Moderate	l	1	

FILE NAME: UP010002

PAGE 2 OF 5 DATE: 03/05/87

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

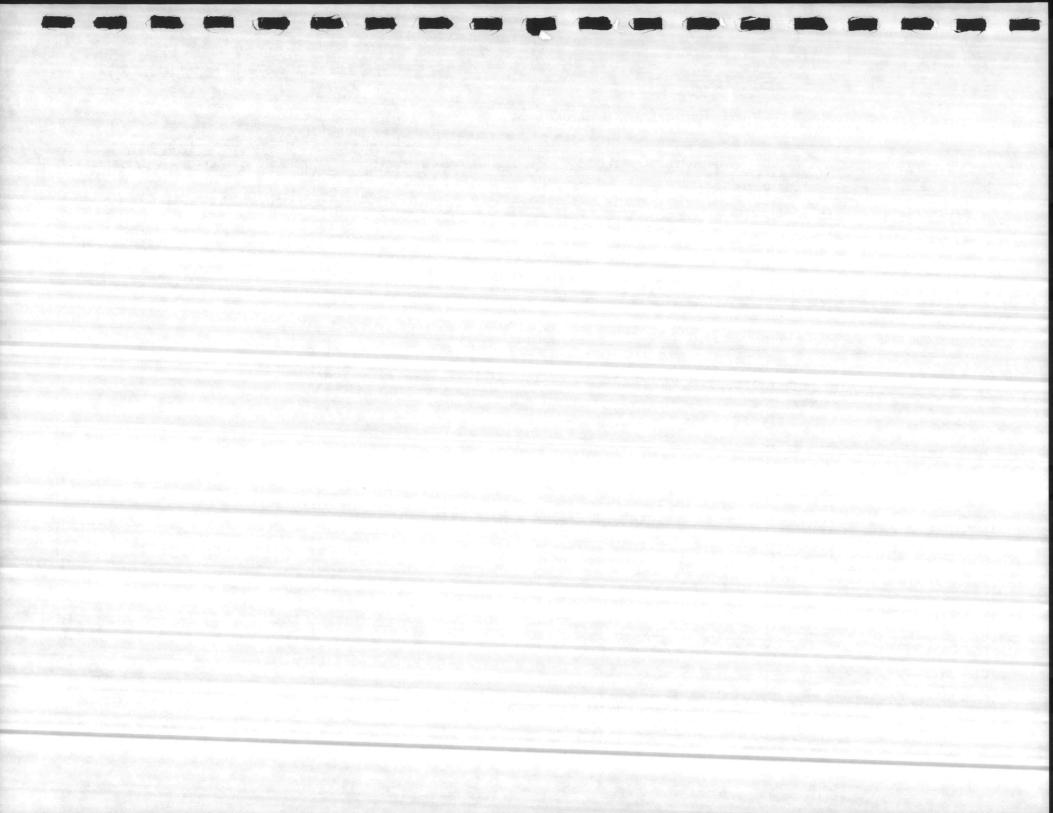


PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
365		
	0	0
Yes		
NA		
	Undefined 365 Sea state dependent 0	PRESENT CHARACTERISTICS (INCLUDE YEAR) Undefined 365 Sea state dependent 0 Yes

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FILE	NAME:	UP010002

PAGE 3 OF 5 DATE: 03/05/87

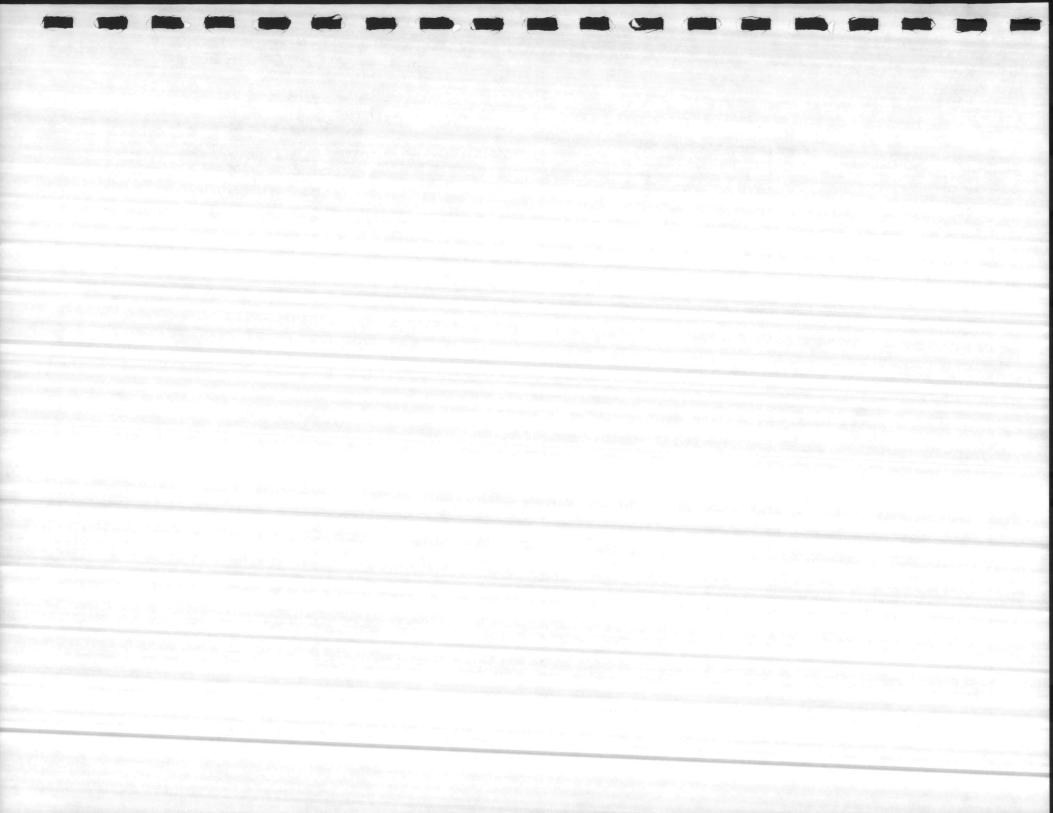
MANEUVER AREA MANAGER: D. J. Hashagen, Sr.



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 Requirements Placed on Using Units? Yes, No, Explain	I NA		
Distance from Supply Points POL (km)	1		
Restrictions on Maneuver Area Use Environmental			

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FILE NAME:	UP010002										
PAGE 4 OF		03/05/87	MANEUVER	AREA MAI	NAGER: D.	J.	Hashagen.	Sr.	The state of the s	The second second	UTMAS-P-000

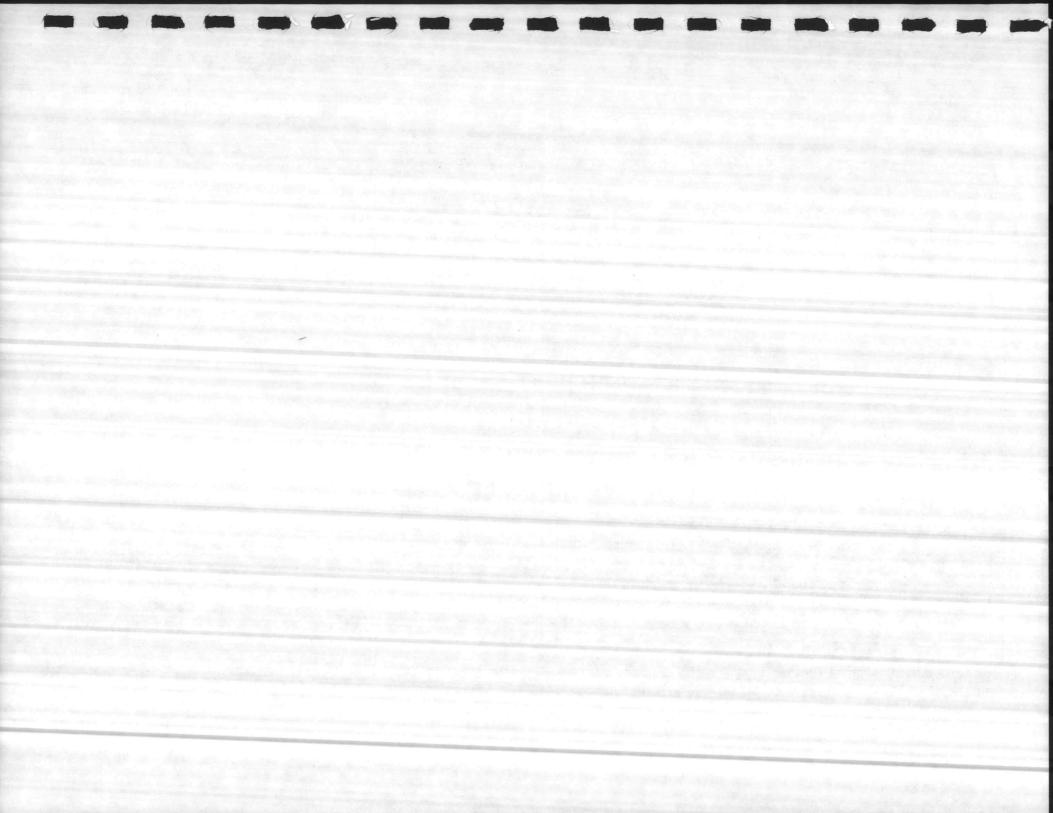
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DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE
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PAGE 5 OF 5 DATE: 03/05/87



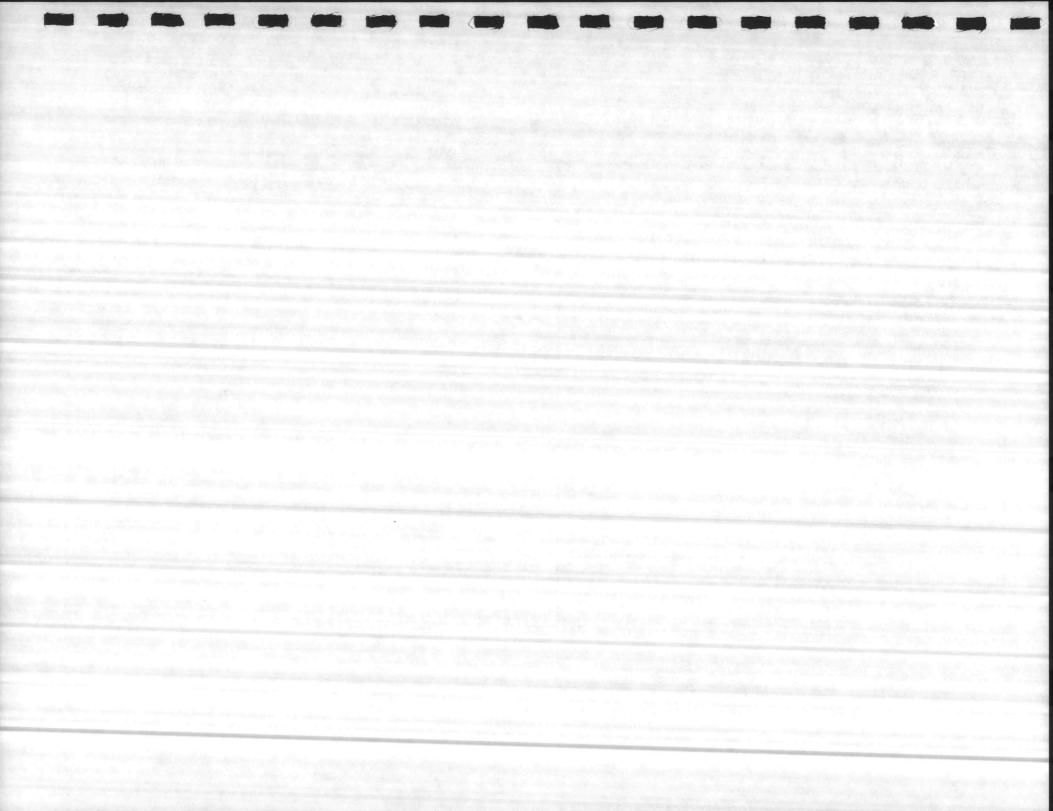
LATAR MANEUVER AREA INVENTORY DATA FORM (UTMAS-P-0001)

SUBMITTED BY: D. J. Hashagen, Sr., DRCO, AV 484-2102 MANEUVER AREA NAME AND LOCATION: Hicks (Shark) New River Inlet Authorized Parachute Drop Zone, MCB, Camp Lejeune, NC	Infantry Artillery X Armor (LAVs, AAVs, Tanks) Combined Arms	AREA:
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)	Undefined		
Primary Direction of Fire	NA	and the control of the control of	
Coordinates	 TP840215		
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	and you the control of the control o		
No. of Air Egress Routes No. of Beach Access Areas			
NO. Of Beach Access Aleas			

FILE NAME: UP010003
PAGE 1 OF 5 DATE: 03/05/87

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

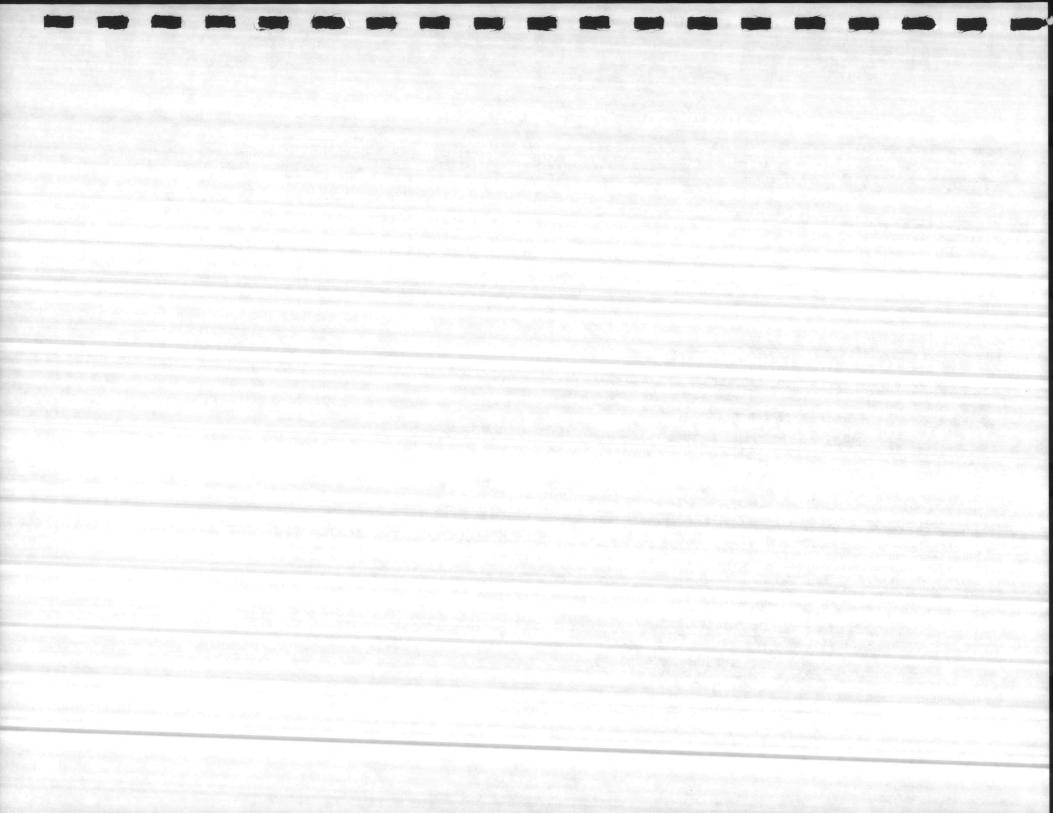


DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Climate Seasonal	x	NOT APPLICABLE	NOT APPLICABLE
Terrain Type Percentage Mountainous Percentage Rolling Percentage Swamp Percentage Desert Percentage Beach Percentage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

FILE NAME: UP010003

PAGE 2 OF 5 DATE: 03/05/87

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

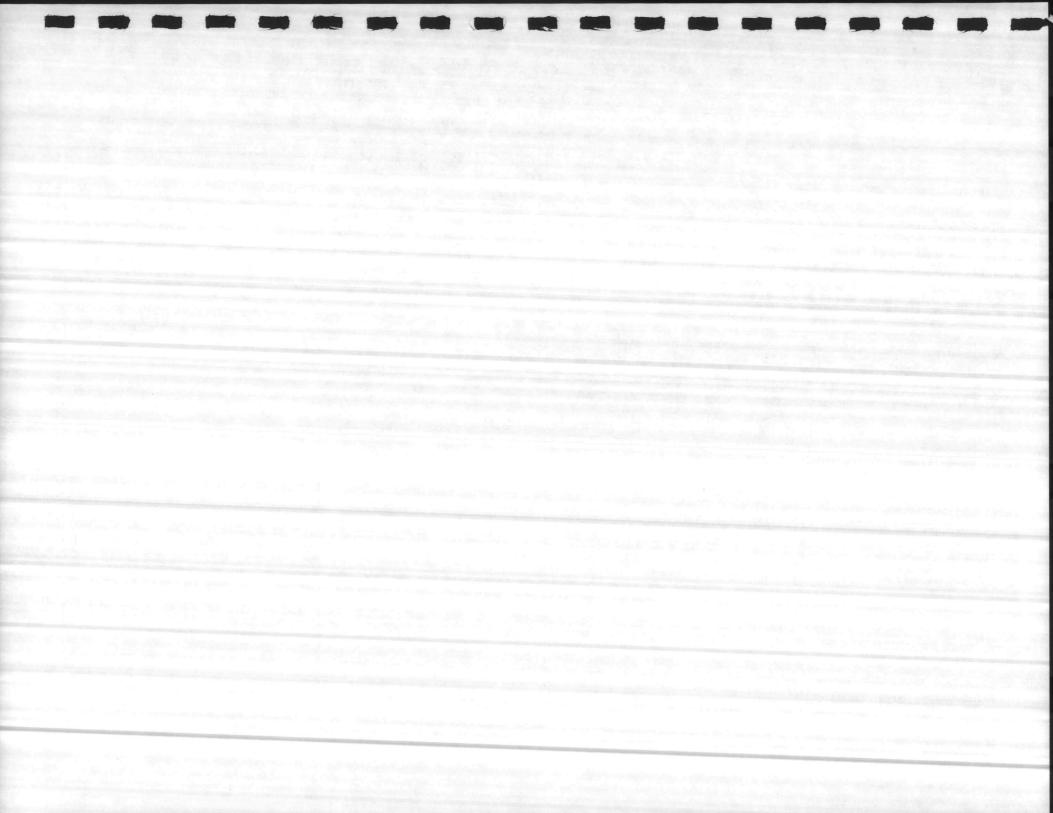


DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
List Capacity of an 8-Hour Training Day. Specify: Unit of Measure, e.g., No. of Bns/Sqdns No. of Aircraft/Helos No. of AAVs/LCACs as Appropriate			
Number of Days per Year the Maneuver Area is Available	365		
Non-availability per Year Total		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	NA .		

FILE NAME: UP010003

PAGE 3 OF 5 DATE: 03/05/87

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

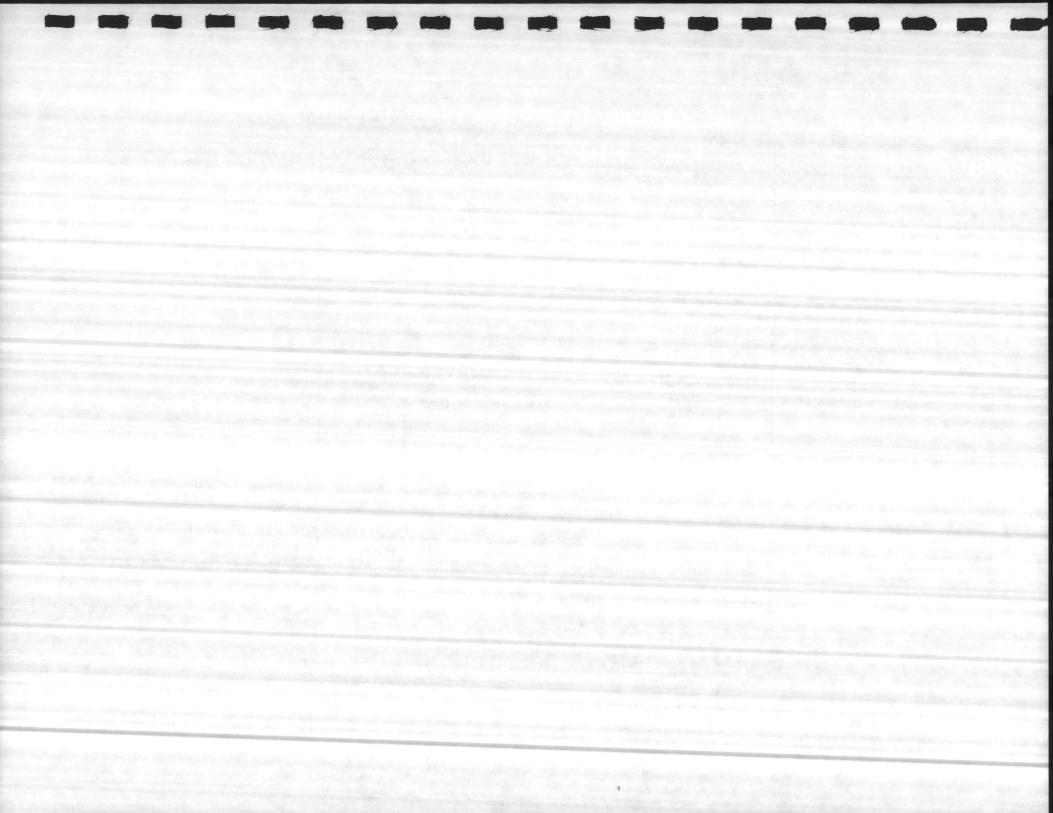


DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
re There Site-unique Features (Waivers to Man- euver Area Standards, Safety, etc.)? Yes, No, Explain	NA .		
re There Site-unique Re- quirements Placed on Using Units? Yes, No, Explain	I NA		
istance from Supply Points POL (km)	1		
estrictions on Maneuver Area Use Environmental			

FILE NAME: UP010003

PAGE 4 OF 5 DATE: 03/05/87

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

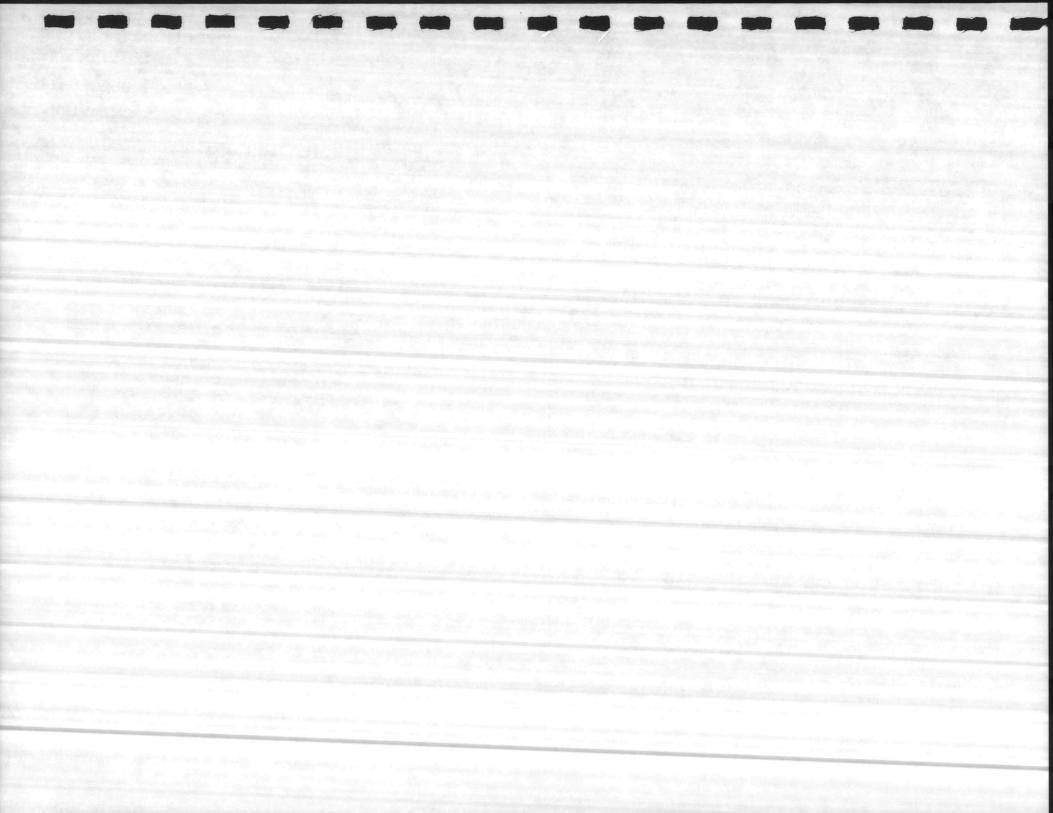


DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE
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FILE NAME: UP010003

DATE: 03/05/87 PAGE 5 OF 5

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



SUBMITTED BY: D. J. Hashagen,	Sr., DRCO, AV 484-2102	TYPE MA	
MANEUVER AREA NAME AND LOCATION: TLZ Albatross Sallier's Bay TA-IB NAC TACAN Position 147.0/11.0 nm, MCB, Camp Lejeune, NC		X Infantry X Artillery X Armor (LAVs, AAVs, Tanks) X Combined Arms X Communications Exercises X Logistics Exercises	X Air-to-Ground Operations X Helicopter Operations
INSTRUCTIONS: One form for each maneuver a Fill in data elements as app Use right column for new or		ANTICIPATED OR KNOWN CHANGES	DESIRED CHARACTERISTICS
DATA ELEMENT	PRESENT CHARACTERISTICS	(INCLUDE YEAR)	(SPECIFY YEAR NEEDED IF APPLICABLE
Range Shape and Dimensions Dimensions (km)	Undefined		
Primary Direction of Fire	INA	i i	
Coordinates	TP895273		
	 /\ /\ NORTH		
Associated Air Space	117.999		Programme and the control of the con

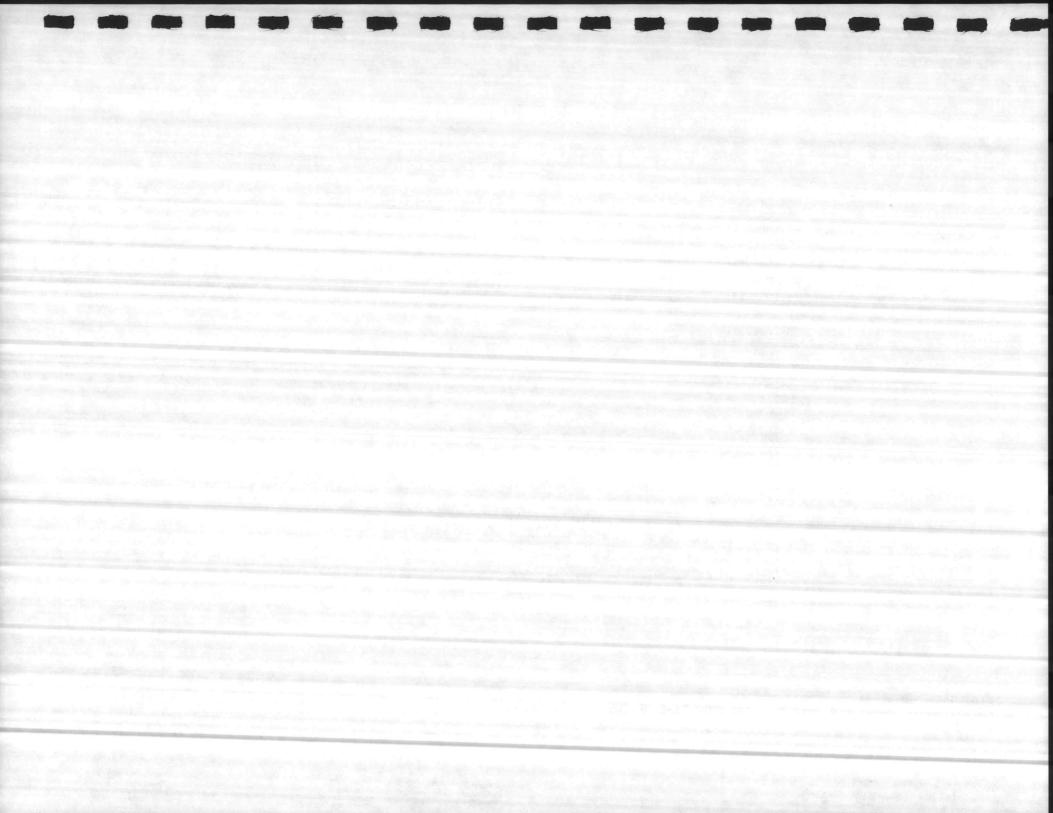
Access
No. of Land Access Routes...|4
No. of Land Water Routes...
No. of Air Ingress Routes...
No. of Air Egress Routes...
No. of Beach Access Areas...

FILE NAME: UP010004

PAGE 1 OF 5 DATE: 03/05/87

Ingress and Egress Routes... | NA

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

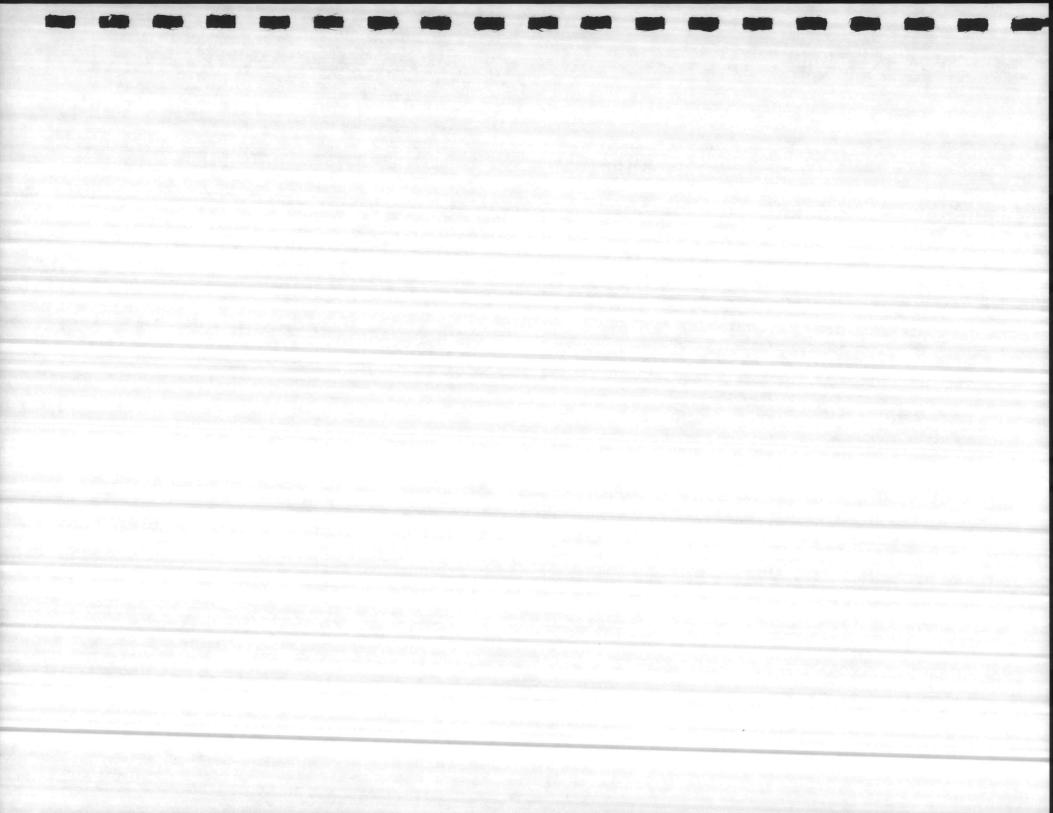


DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Climate Seasonal	X	NOT APPLICABLE	NOT APPLICABLE
Terrain Type Percentage Mountainous Percentage Rolling Percentage Swamp Percentage Desert Percentage Beach Percentage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

FILE NAME: UP010004

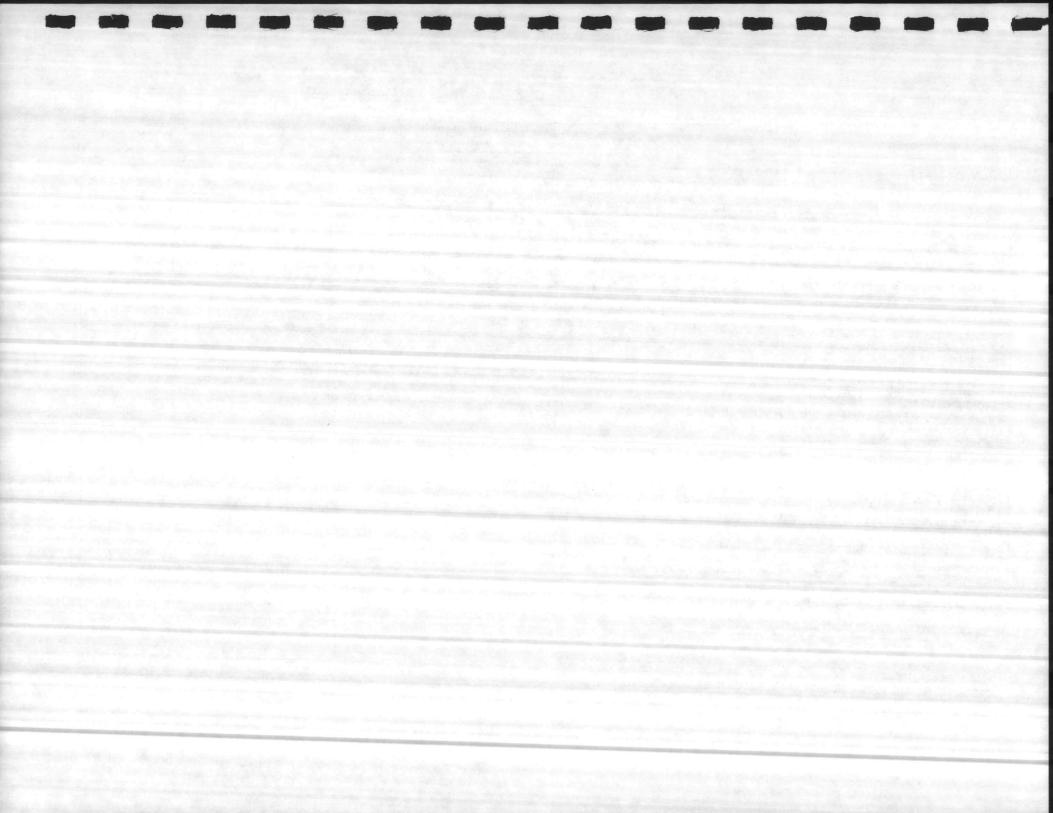
PAGE 2 OF 5 DATE: 03/05/87

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	Undefined		
Number of Days per Year the Maneuver Area is Available	360		
Non-availability per Year Total Maintenance Weather Budget Fire Condition/Weather Weekends/Holidays	5 	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	GP-30, GP-31		

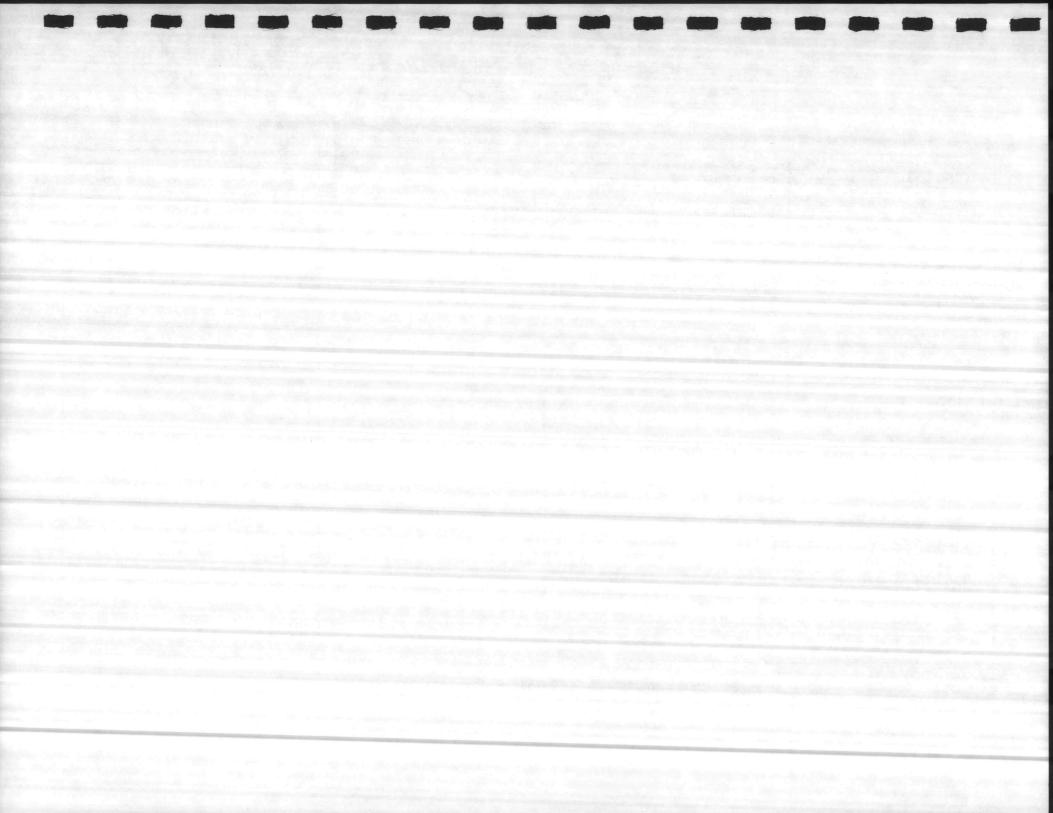
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DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS
Are There Site-unique Features (Waivers to Man- euver Area Standards, Safety, etc.)? Yes, No, Explain	Yes Yes Cross-country movement of vehicles prohibited due to dense vegetation Parachute drop capable		
Are There Site-unique Requirements Placed on Using Units? Yes, No, Explain	NA		
Distance from Supply Points POL (km)	18		,
Restrictions on Maneuver Area Use Environmental AICUZ FAA. Noise. Gas/Chemical Pyrotechnics/Flare. Time of Day Time of Year Other			

FILE NAME: UP010004
PAGE 4 OF 5 DATE: 03/05/87

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



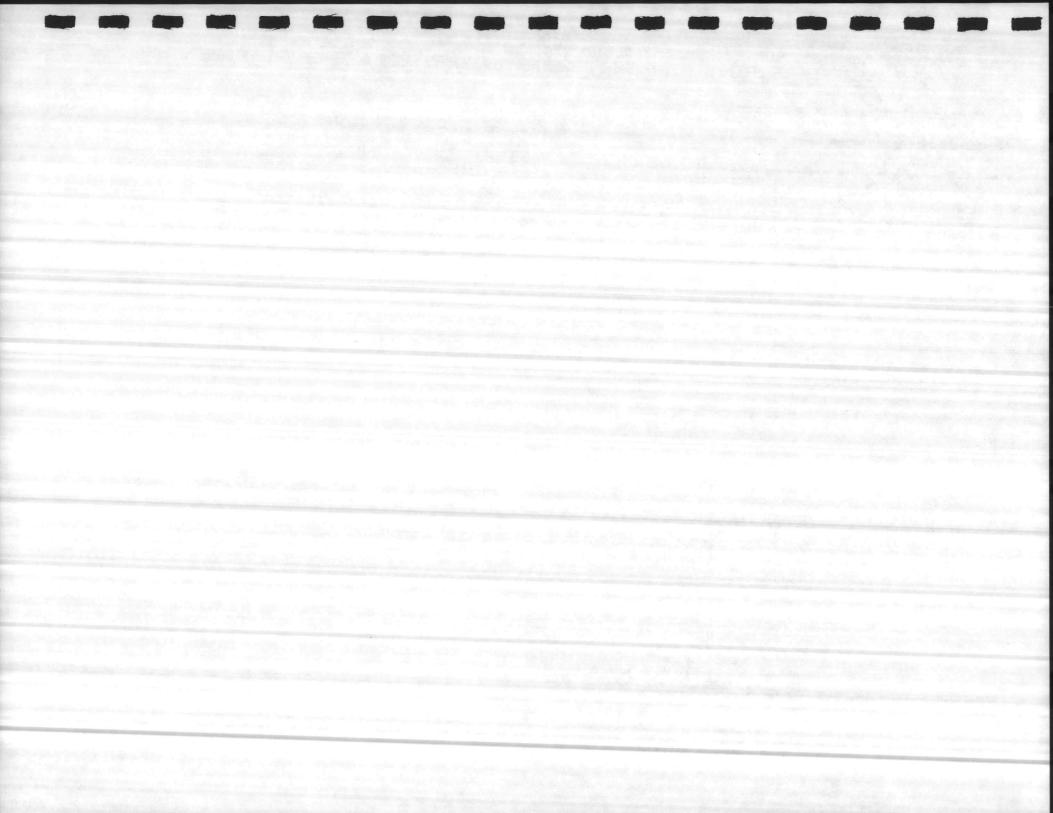
DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE
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PAGE 5 OF 5 DATE: 03/05/8

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

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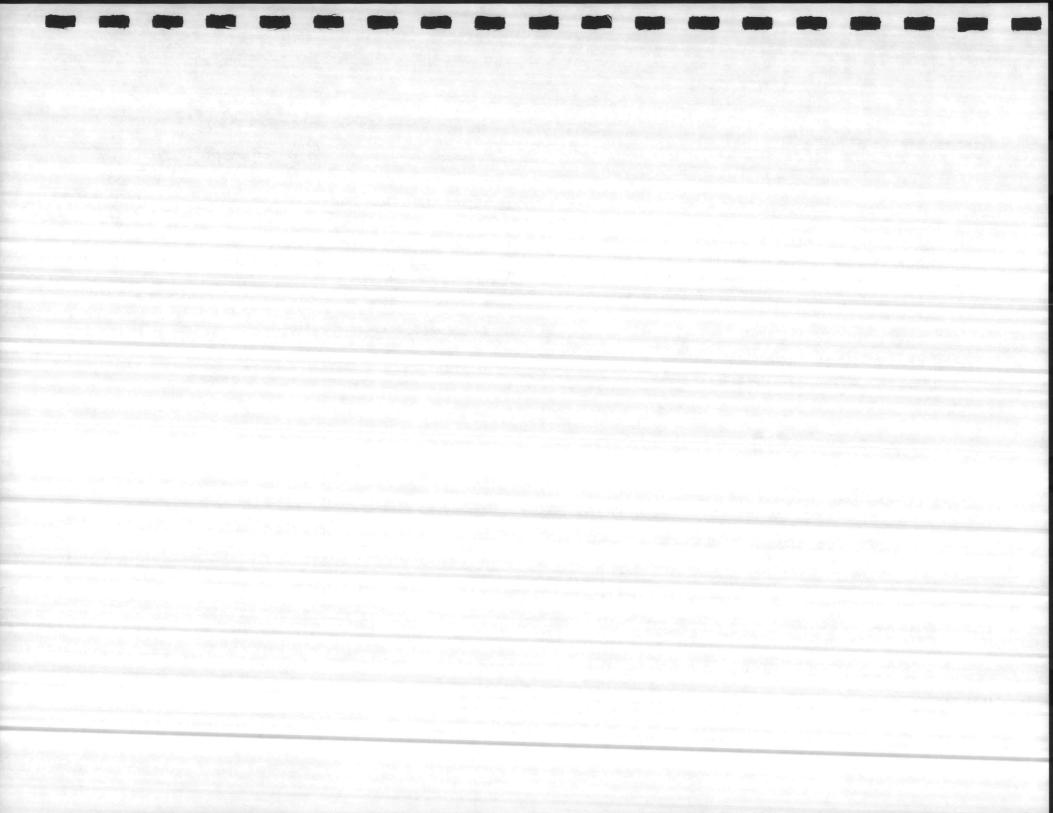
SUBMITTED BY: D. J. Hashagen, Sr., DRCO, AV 484-2102	Type Maneuver Area:
MANEUVER AREA NAME AND LOCATION: TLZ Bluebird Mile Hammock Bay TA-ID NAC TACAN Position 155.3/10.8 nm, MCB, Camp Lejeune, NC	X Armor (LAVs, AAVs, Tanks) X MAGTF FTX X Combined Arms X Air-to-Ground Operations X Communications Exercises X Helicopter Operations X Logistics Exercises X Parachute Operations
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)	Undefined		
Primary Direction of Fire Coordinates	INA 		
Associated Air Space Altitude (ft)		· · · · · · · · · · · · · · · · · · ·	
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:	UP01	0005
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PAGE 1 OF 5 DATE: 03/05/87

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

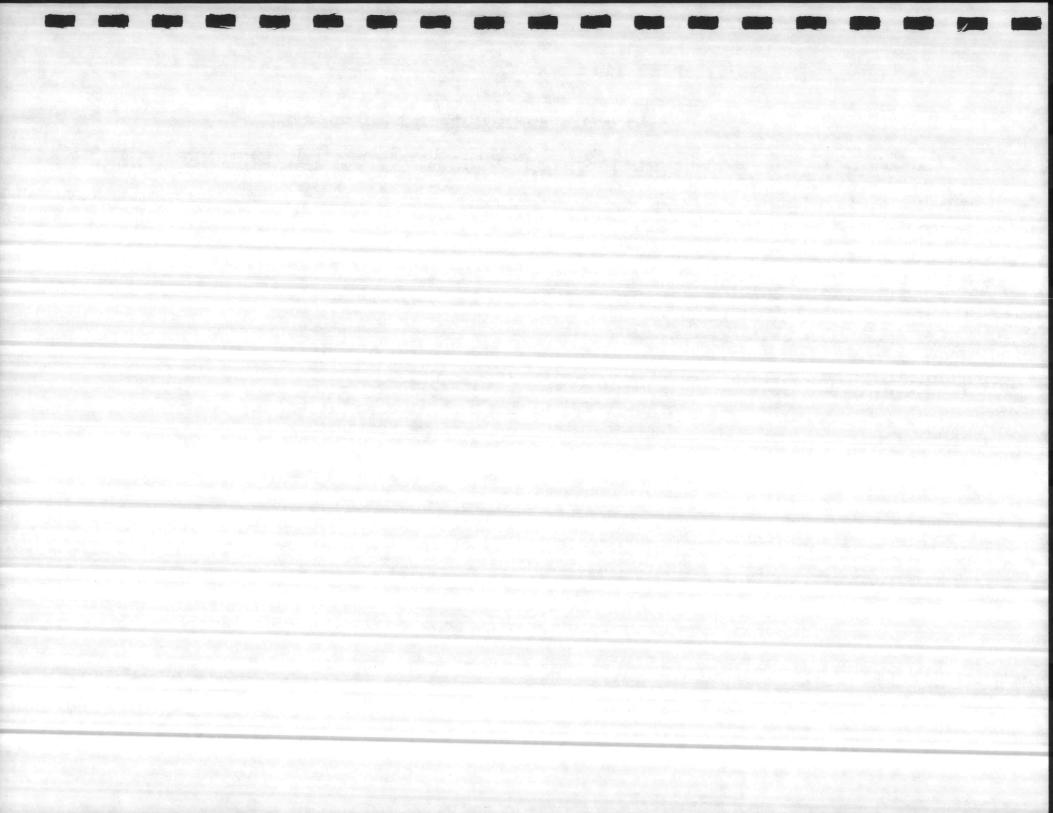


DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS
Climate Seasonal	dought to the second of the se	NOT APPLICABLE	NOT APPLICABLE
Terrain Type Percentage Mountainous Percentage Rolling Percentage Swamp Percentage Desert Percentage Beach Percentage Level	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	50		

FILE NAME: UP010005

PAGE 2 OF 5 DATE: 03/05/87

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

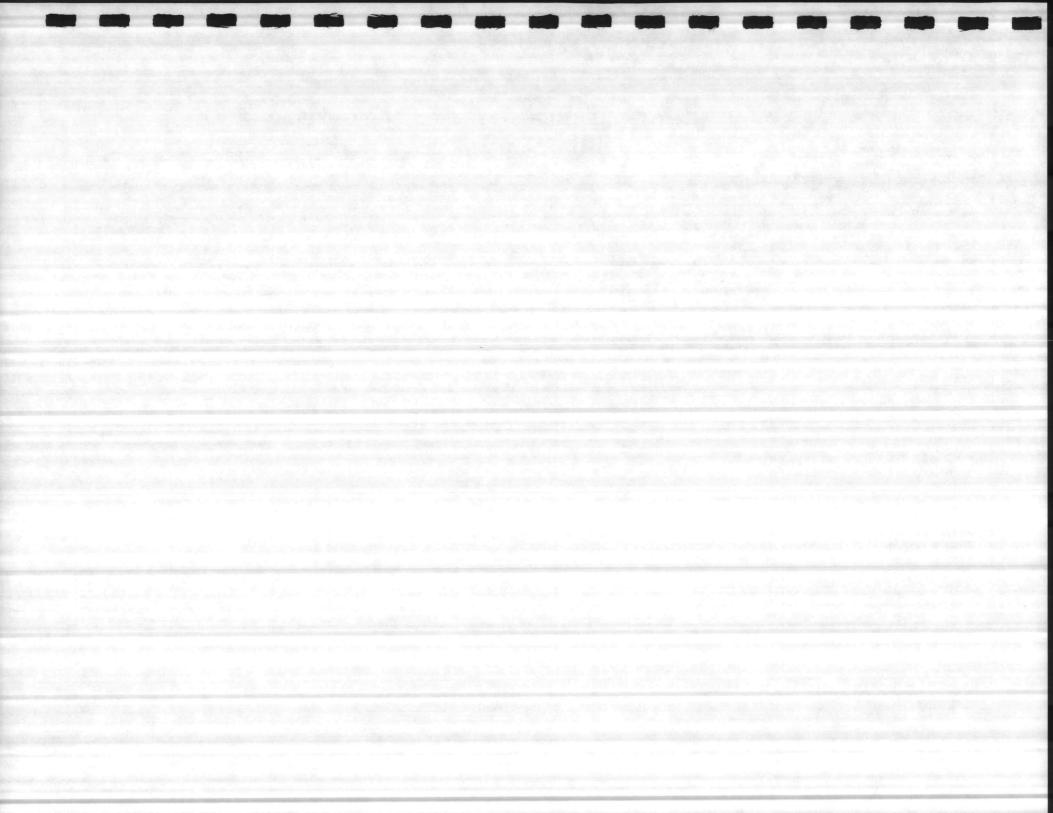


DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS
List Capacity of an 8-Hour Training Day. Specify: Unit of Measure, e.g., No. of Bns/Sqdns	Undefined		
 Number of Days per Year the Maneuver Area is Available	 3 4 5		
Non-availability per Year Total	20 	0	0
Is the Maneuver Area Capable of Nighttime Use? Yes, No	Yes		
	GP-29 must be closed when heli- copter operations or para- chute operations are executed in the TLZ		

FILE NAME: UP010005 PAGE 3 OF 5 DATE:

DATE: 03/05/87

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

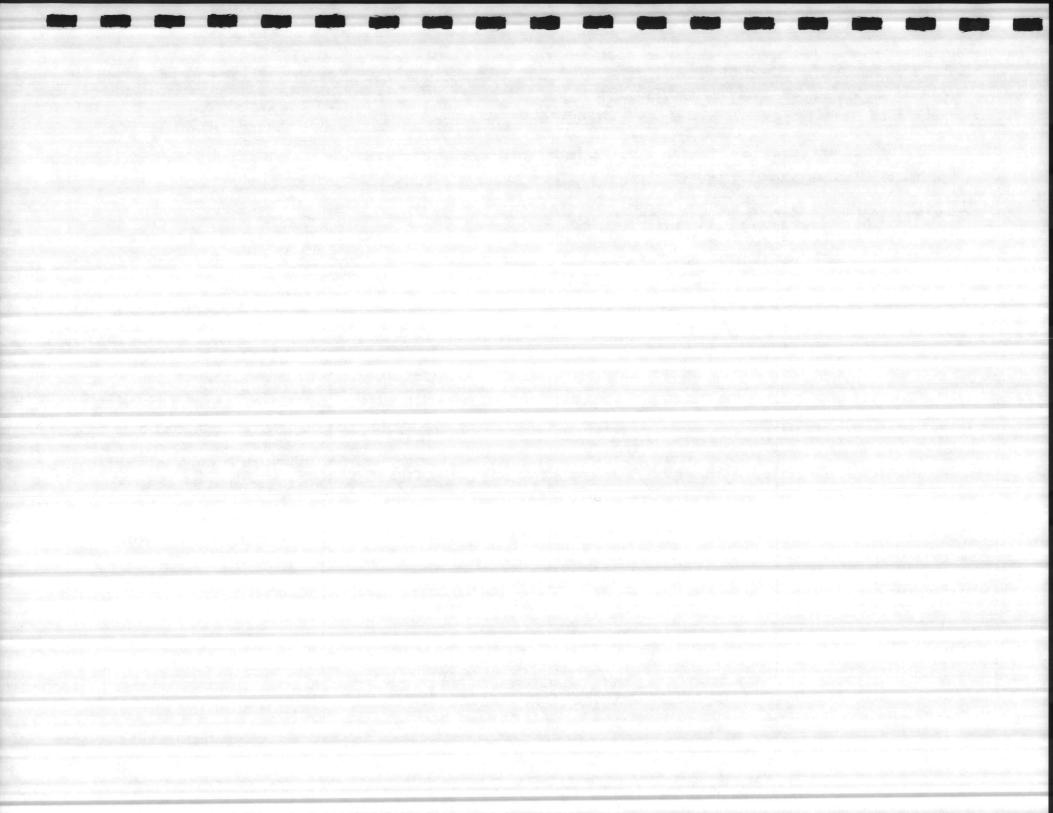


PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Yes Harrier landing strip in southeast corner of landing zone Parachute drop capable		
 NA 		
NA		
	Yes Harrier landing strip in southeast corner of landing zone Parachute drop capable NA	PRESENT CHARACTERISTICS (INCLUDE YEAR) Yes Harrier landing strip in southeast corner of landing zone Parachute drop capable Include YEAR) Include YEAR I

FILE NAME: UP010005

DATE: 03/05/87 PAGE 4 OF 5

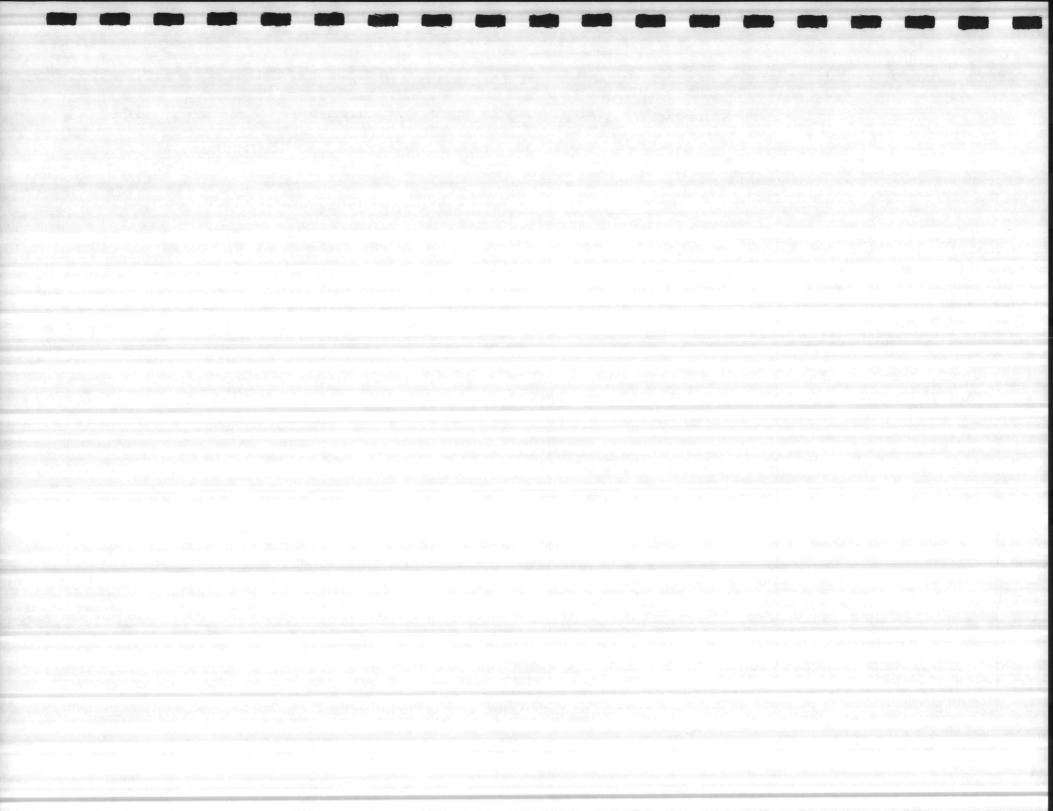
MANEUVER AREA MANAGER: D. J. Hashagen, Sr.



DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE
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	그림에는 나이는 반장됐는데 그래요?		
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PAGE 5 OF 5 DATE: 03/05/87

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

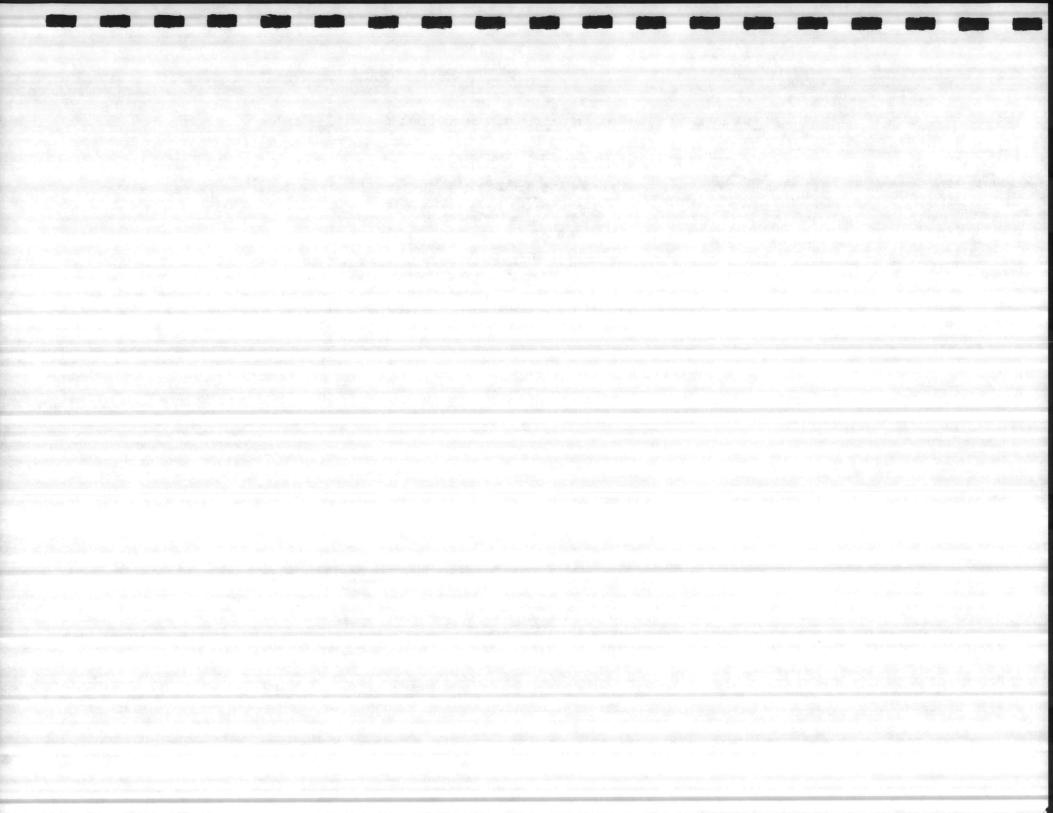


Sr., DRCO, AV 484-2102	TYPE MANEUVER AREA:		
	X Infantry X Artillery	X Electronic Warfare X Amphibious Exercises	
MANEUVER AREA NAME AND LOCATION: TLZ Canary Trap Bay TA-IF NAC TACAN Position 157.0/9.1 nm, MCB, Camp Lejeune, NC		X Air-to-Ground Operations X Helicopter Operations X Parachute Operations	
rea ropriate improved maneuver areas needed			
PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS	
 Undefined			
NA			
TP852284			
 / \ / \ NORTH			
17,999 NA	`		
2			
	rea ropriate improved maneuver areas needed PRESENT CHARACTERISTICS	X Infantry X Artillery X Armor (LAVs, AAVs, Tanks) Sition 157.0/9.1 nm, X Combined Arms X Communications Exercises X Logistics Exercises rea repriate improved maneuver areas needed PRESENT CHARACTERISTICS (INCLUDE YEAR) Undefined INA ITP852284 ITP852284 ITP852284 ITP852284 ITP852284 ITP852284 ITP852284	

FILE NAME: UP010006

PAGE 1 OF 5 DATE: 03/05/87

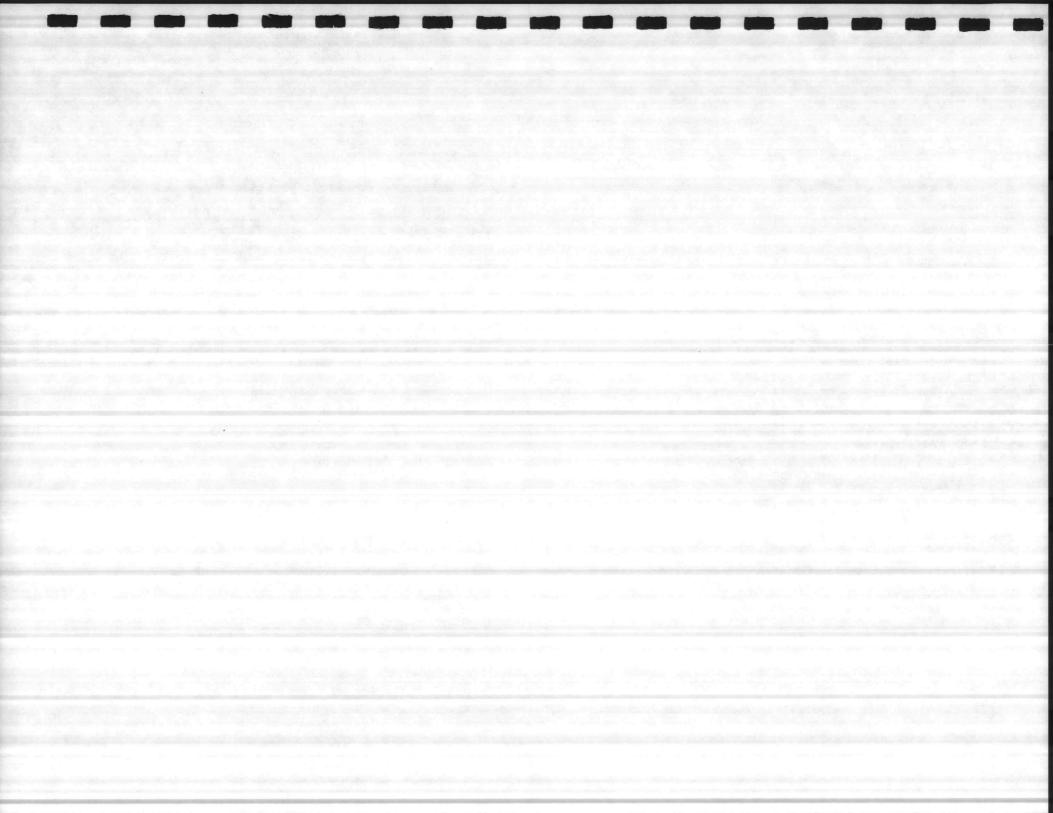
MANEUVER AREA MANAGER: D. J. Hashagen, Sr._



DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Seasonal		NOT APPLICABLE	NOT APPLICABLE
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	40	:	

FILE NAME: UP010006
PAGE 2 OF 5 DATE: 03/05/87

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

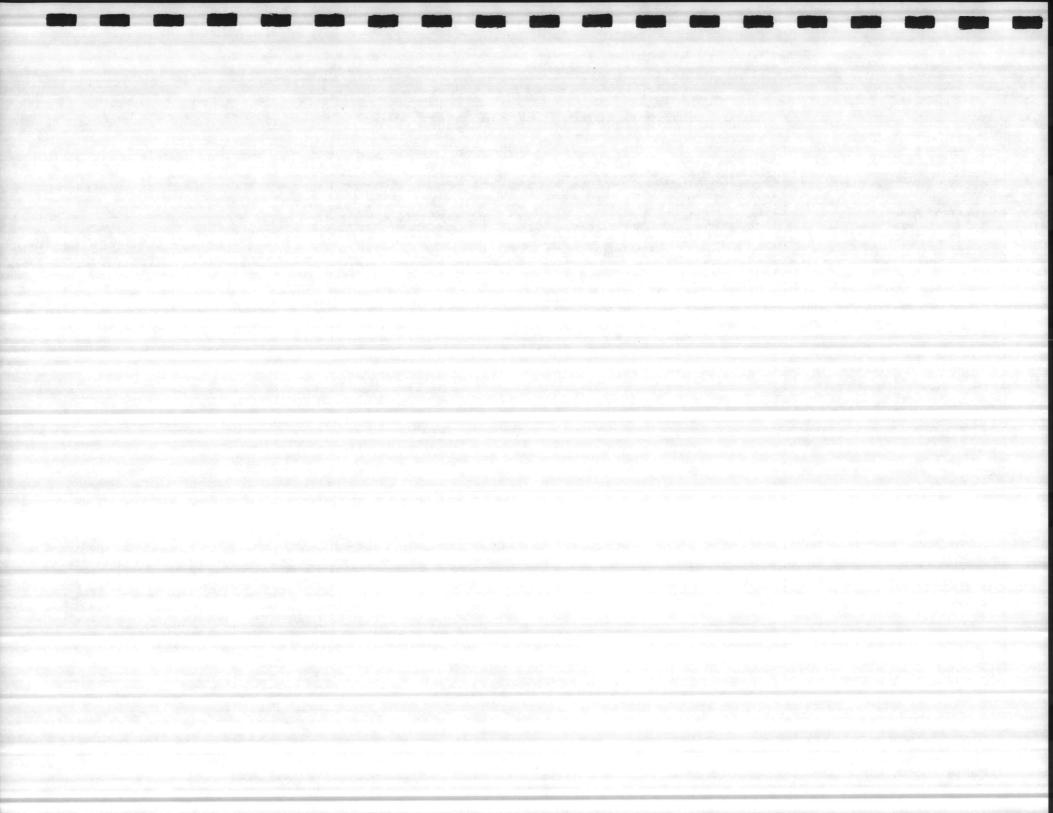


DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS
List Capacity of an 8-Hour Training Day. Specify: Unit of Measure, e.g., No. of Bns/Sqdns No. of Aircraft/Helos No. of AAVs/LCACs	Undefined		
Number of Days per Year the Maneuver Area is Available	350		
	15	0	0
Is the Maneuver Area Capable of Nighttime Use? Yes, No	Yes	•	
Which Must Be Closed When	GP-24 must be inactive when using TLZ		

FILE	NAME:	UP010006

PAGE 3 OF 5 DATE: 03/05/87

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



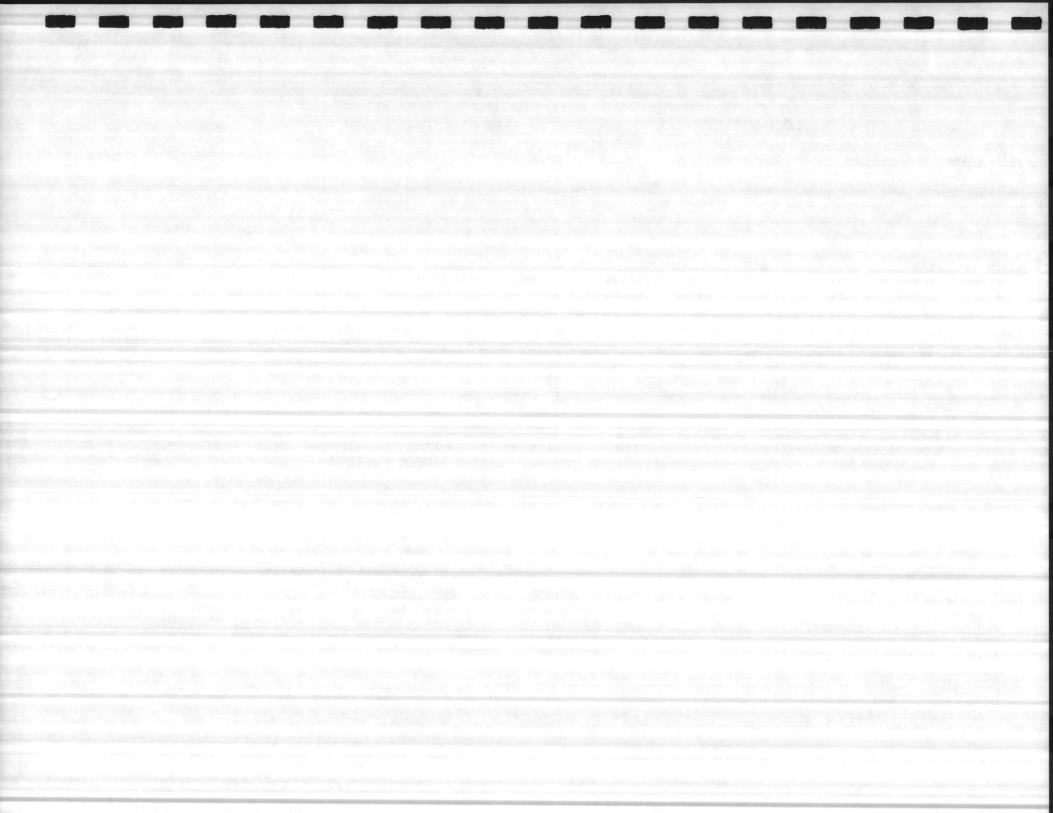
YEAR NEEDED IF APPL	ICS PLICABLI

FILE NAME: UP010006

PAGE 4 OF 5 DATE: 03/05/87

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

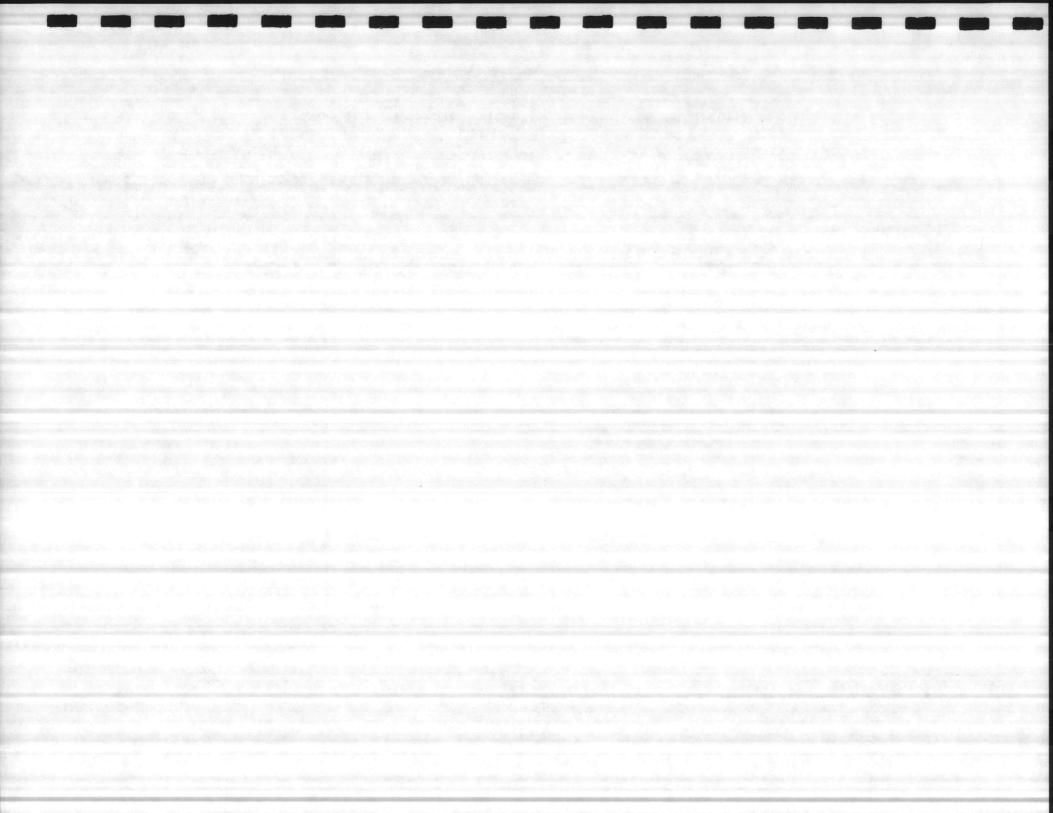
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DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE
		and the second s	h and high south ir and high south and high south and high south and high south a
			 Integration of the control of the cont
		rigina - aga, yang dagan salat. Pana megmalah mangi dibangan	

PAGE 5 OF 5

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



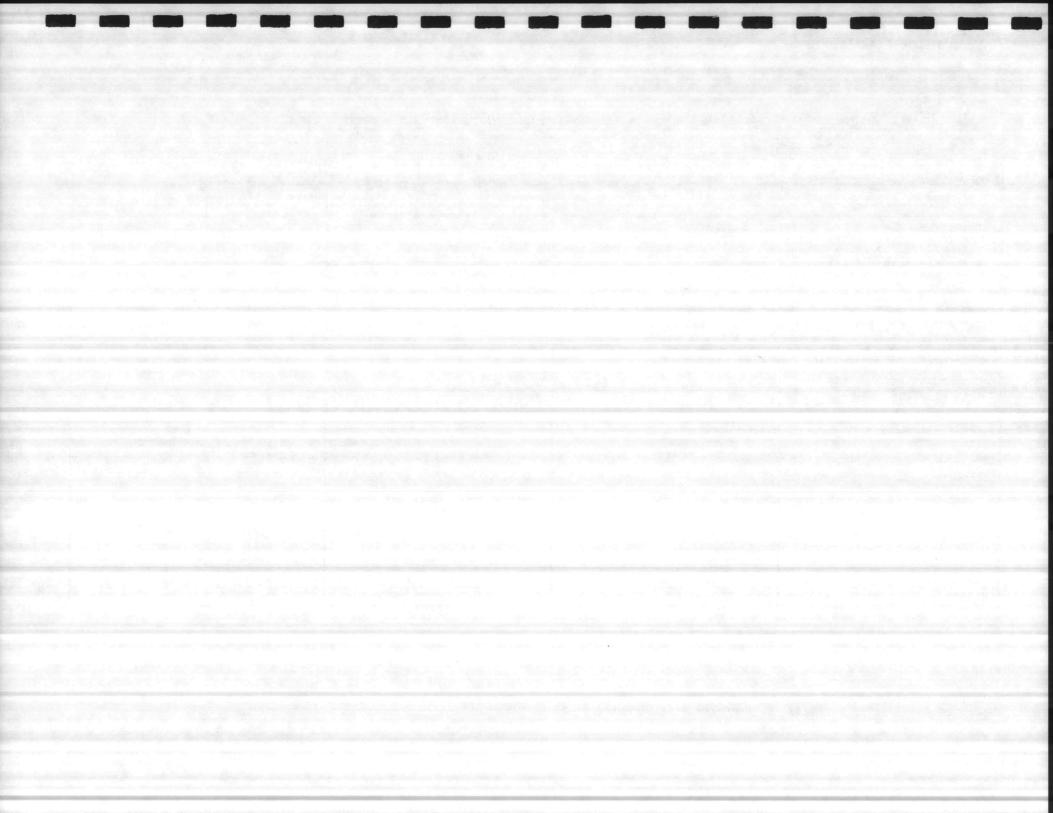
MANEUVER AREA NAME AND LOCATION Verona Loop TA-K NAC TACAN MCB, Camp Lejeune, NC INSTRUCTIONS: One form for each maneuver a Fill in data elements as app Use right column for new or	N: TLZ Cardinal N Position 170.0/3.5 nm, area propriate	X Infantry X Artillery X Armor (LAVs, AAVs, Tanks) X Combined Arms X Communications Exercises X Logistics Exercises	X Electronic Warfare X Amphibious Exercises
DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Range Shape and Dimensions Dimensions (km)	Undefined		
Primary Direction of Fire Coordinates	INA ITP784367		
	 /\ /\ NORTH		
Associated Air Space Altitude (ft)			
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			

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

FILE NAME: UP010007

DATE: 03/05/87

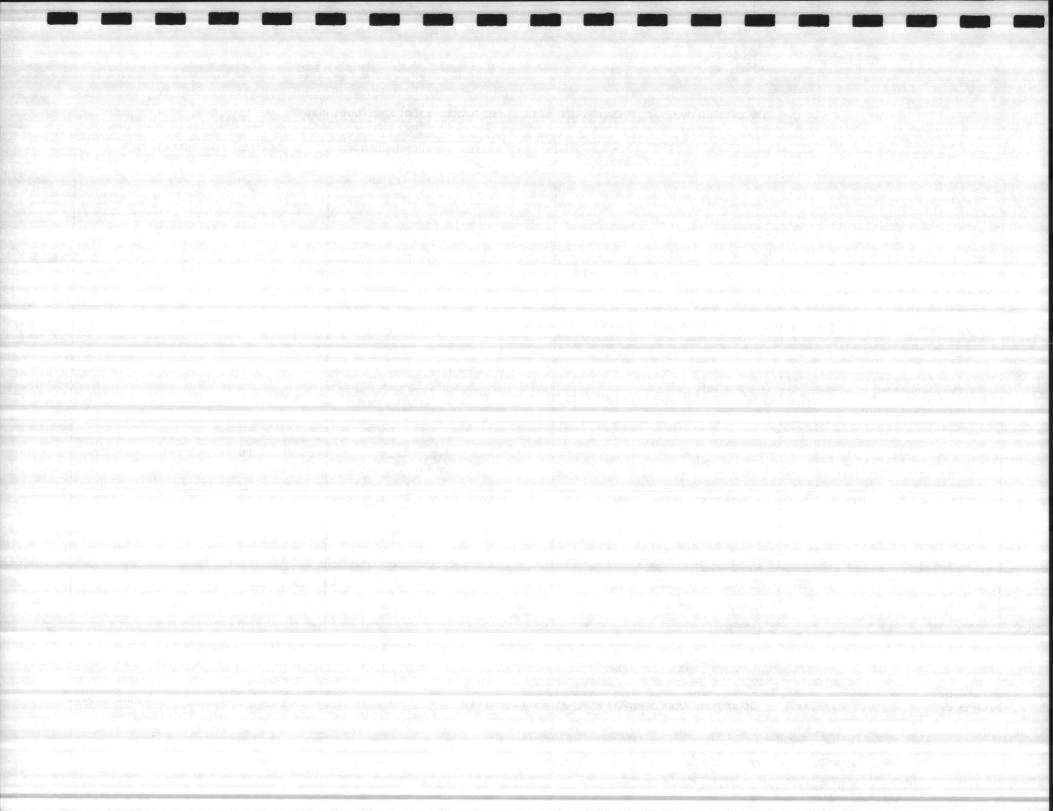
PAGE 1 OF 5



DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Climate Seasonal	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	100	NOT APPLICABLE	NOT APPLICABLE
Vegetation Percentage None Percentage Sparse Percentage Moderate Percentage Heavy	40		

FILE NAME: UP010007
PAGE 2 OF 5 DATE: 03/05/87

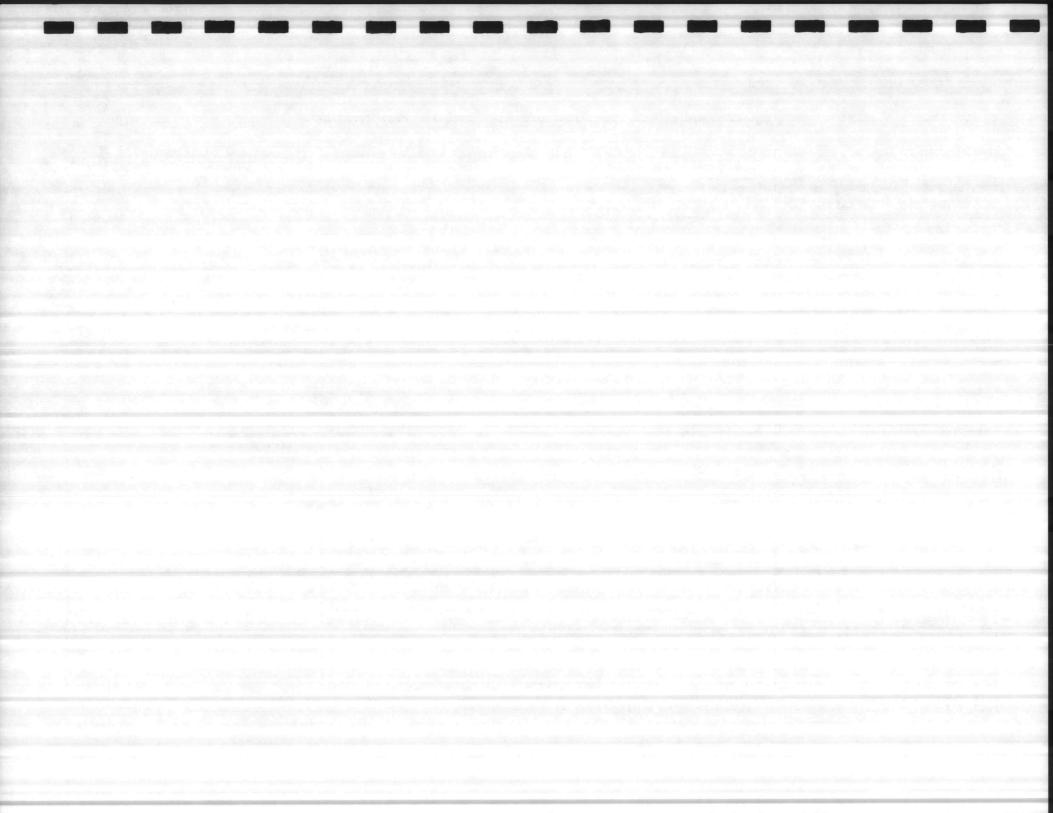
MANEUVER AREA MANAGER: D. J. Hashagen, Sr.



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	Undefined		
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		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	NA		

FILE NAME: UP010007
PAGE 3 OF 5 DATE: 03/05/87

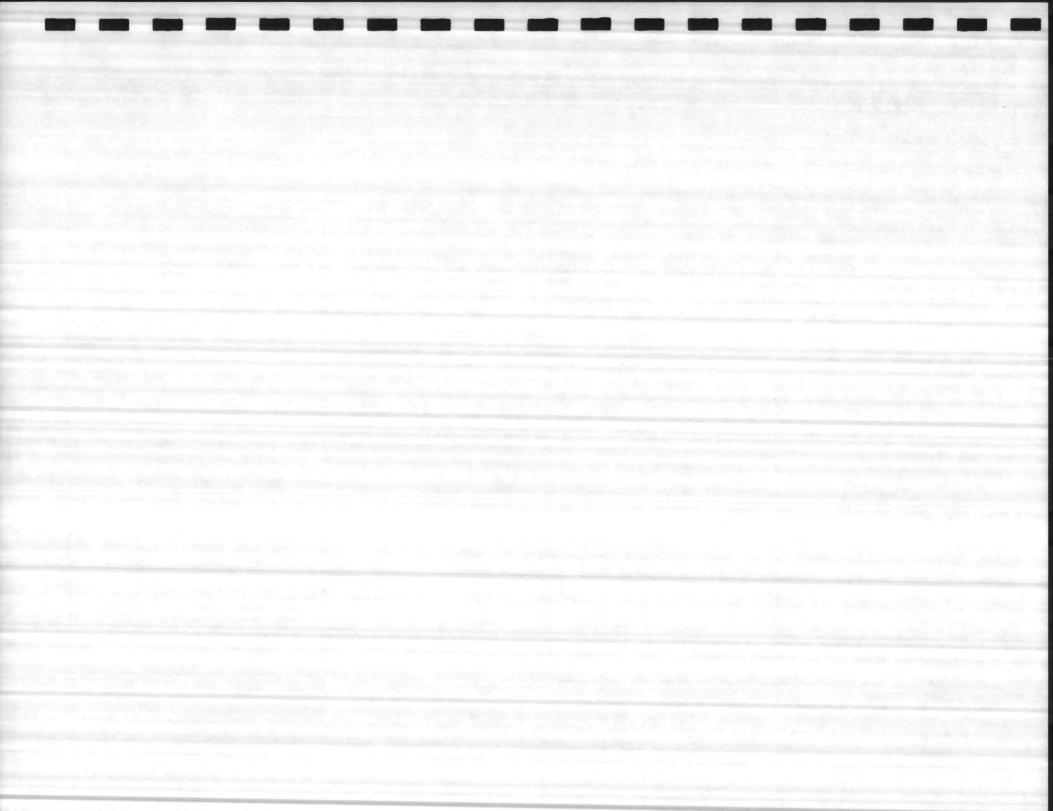
MANEUVER AREA MANAGER: D. J. Hashagen, Sr.



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	NA		
re There Site-unique Re- quirements Placed on Using Units? Yes, No, Explain	NA		
istance from Supply Points POL (km)	133		
estrictions on Maneuver Area Use Environmental			

PAGE 4 OF 5 DATE: 03/05/87 MANEUVER AREA MANAGER: D. J. Hashagen, Sr.

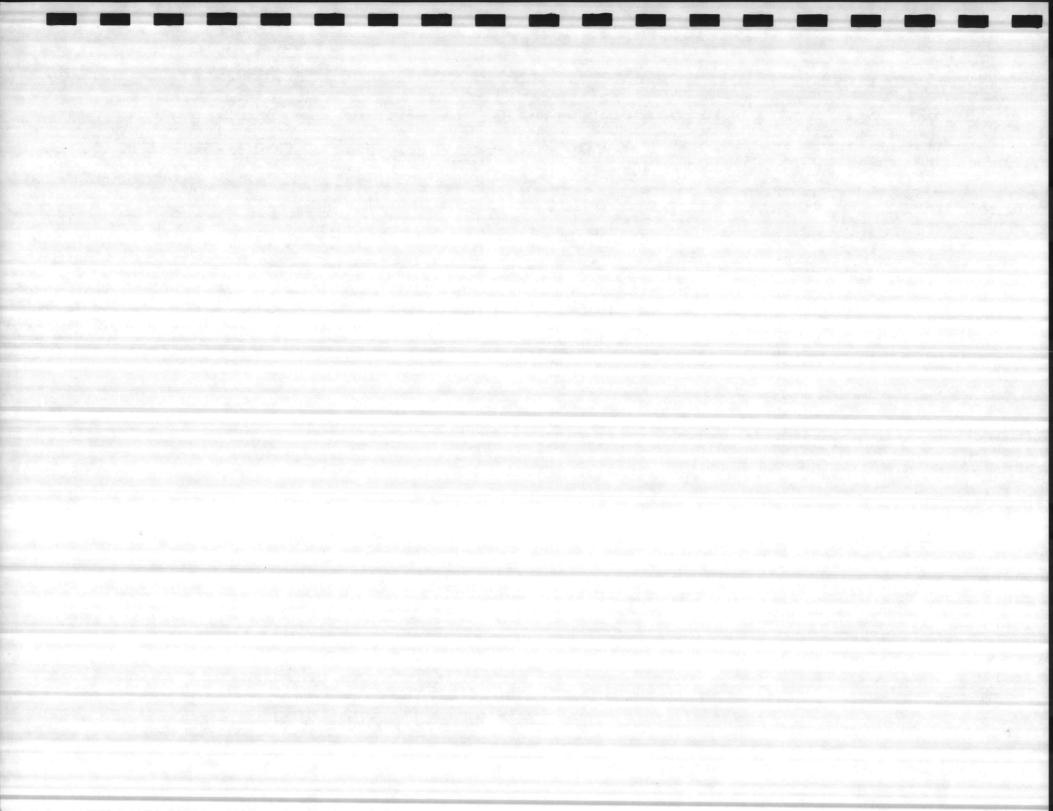
-24.



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

PAGE 5 OF 5 DATE: 03/05/87

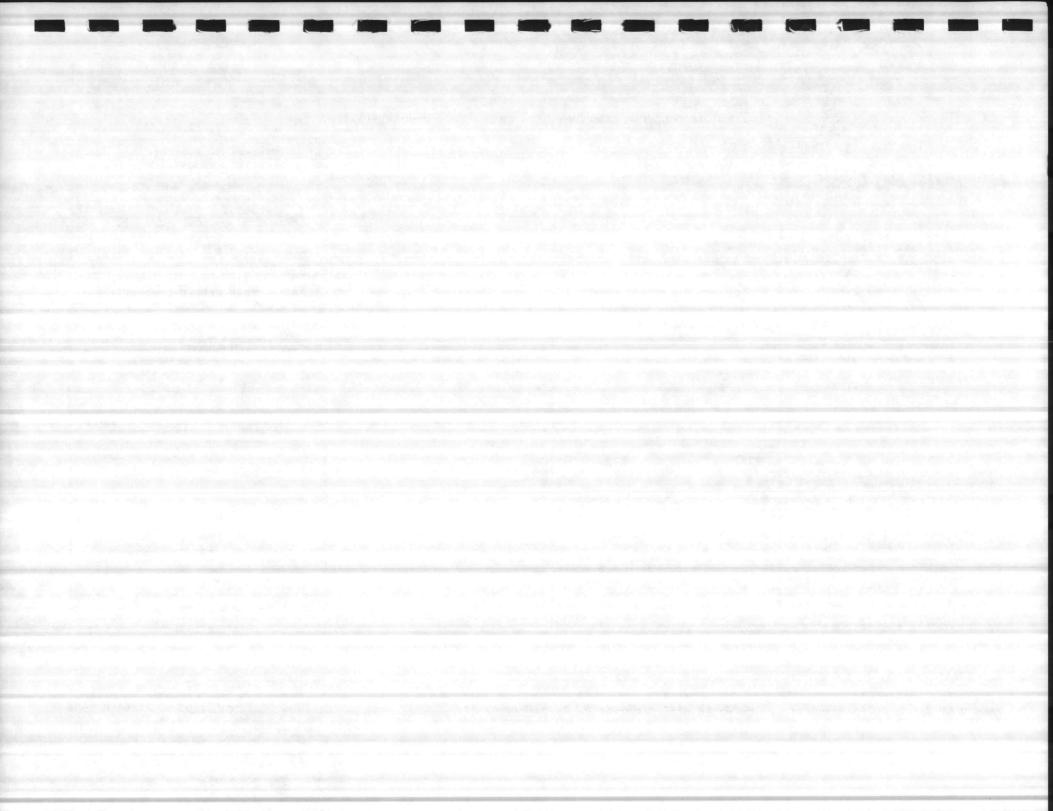
DATE: 03/05/87 MANEUVER AREA MANAGER: D. J. Hashagen, Sr.___



SUBMITTED BY: D. J. Hashagen, Sr., DRCO, AV 484-2102		TYPE MANEUVER AREA:			
		X Infantry	X Electronic Warfare		
		X Artillery	X Amphibious Exercises		
MANEUVER AREA NAME AND LOCATION	: TLZ Condor	X Armor (LAVs. AAVs. Tanks)	X MAGTE FTX		
MF Area TA-MF NAC TACAN 19		X Combined Arms	X Air-to-Ground Operations		
MCB, Camp Lejeune, NC		X Communications Exercises	X Helicopter Operations		
nos, camp asseme, no		X Logistics Exercises	X Parachute Operations		
INSTRUCTIONS: One form for each maneuver a Fill in data elements as app Use right column for new or	ropriate				
DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)		
		-			
Range Shape and Dimensions					
Dimensions (km)	Undefined	네 그 아이지 그 씨는 아이들은 아이들은 아이들은 아이들은 아이들은 아이들은 아이들은 아이들은			
Primary Direction of Fire	INA				
		네이가 없었다. 그 사람들은 그리고 적었다.			
Coordinates	TP758352				
	 /\ /\ NORTH				
Associated Air Space					
Altitude (ft)	117,999	.1			
Ingress and Egress Routes	INA	.1			
Access					
No. of Land Access Routes					
No. of Land Water Routes					
No. of Air Ingress Routes			[2] 그림		
No. of Air Egress Routes		것 같습니다. 그는 그들은 그들은 그들은 그들은 그들은 그들은 그들은 그들은 그들은 그들은	김 아내가 그 씨는 걸리었다. 이 사람들에게 하게 되었다.		
No. of Beach Access Areas					

FILE NAME: UP010008
PAGE 1 OF 5 DATE: 03/05/87

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

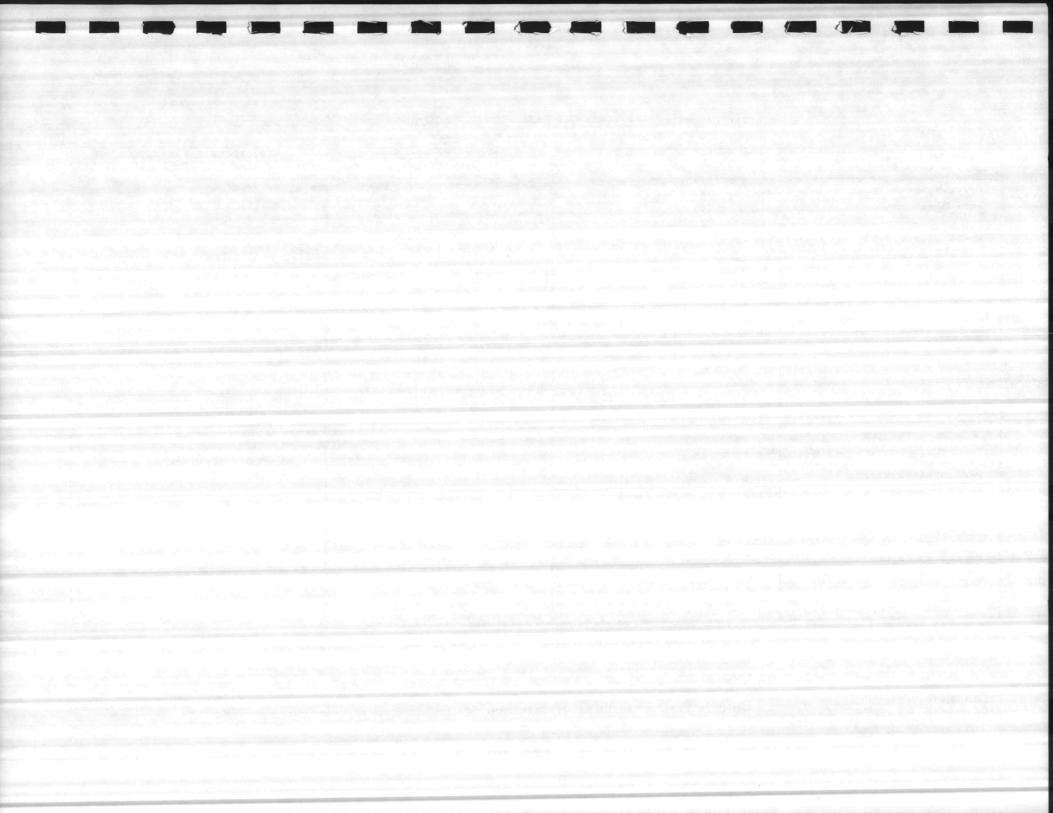


DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Climate Seasonal. Tropic. Temperate. Arctic. Desert. All-Weather (Indoor).	X	NOT APPLICABLE	NOT APPLICABLE
Terrain Type Percentage Mountainous Percentage Rolling 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	40		

FILE NAME: UP010008 PAGE 2 OF 5 DATE:

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)
Undefined		
360		
5 	0	
Yes		,
NA		
	Undefined Undefined 360 55 5	PRESENT CHARACTERISTICS (INCLUDE YEAR) Undefined Undefined 55 0 15 15

FILE NAME: UP010008
PAGE 3 OF 5 DATE:

DATE: 03/05/87

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

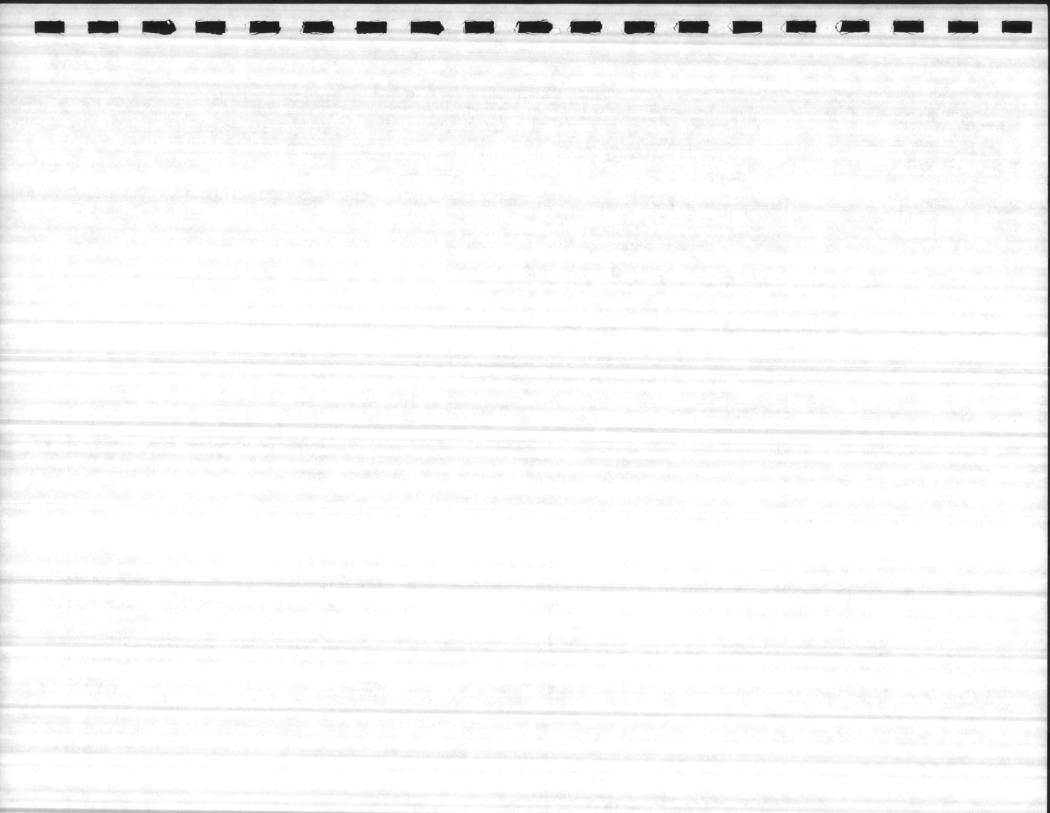
POSSEVYER ASEA HAMAGER: D. J. Bashagen, Sr.

	Hashagen, 52.	L-C CHARDANAN ABAA BAVURNAN	PAGE 5 OF 5 DATE: 03/05/87

DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS
	Yes Parachute operation capable		
Are There Site-unique Re- quirements Placed on Using Units? Yes, No, Explain	NA		
Distance from Supply Points POL (km) Ammunition (km) Rations (km)	35		
Restrictions on Maneuver Area Use Environmental			

DATE: 03/05/87

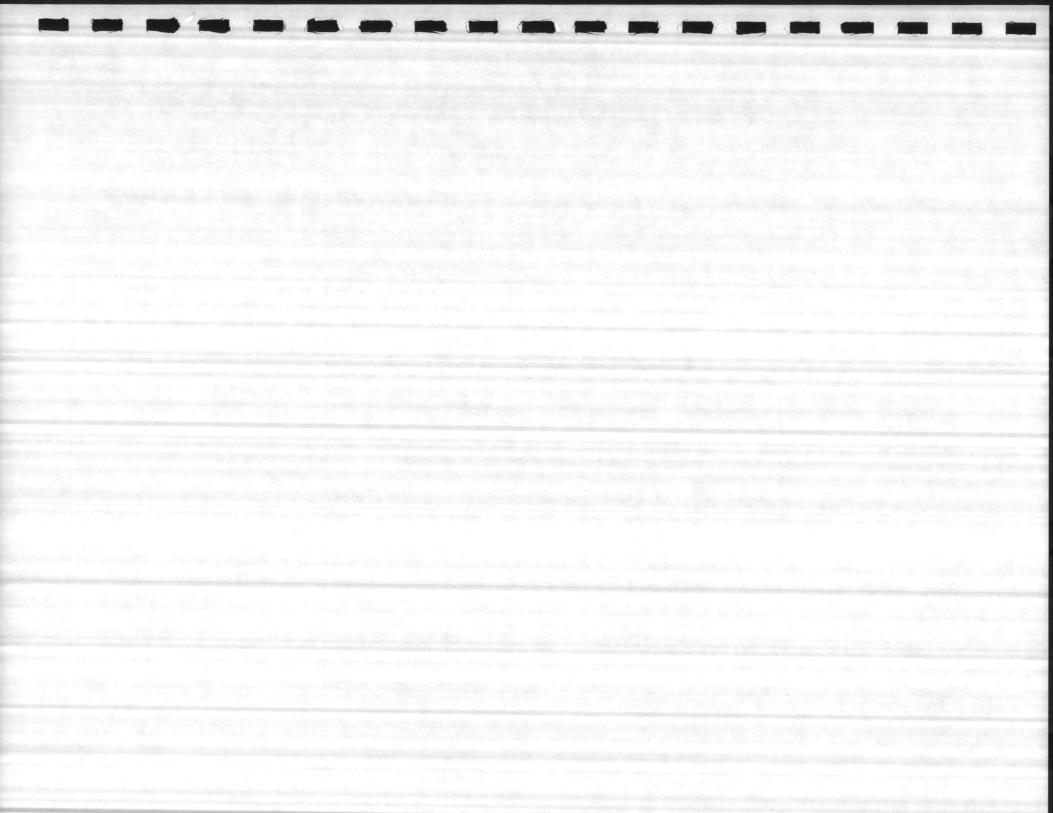
MANEUVER AREA MANAGER: D. J. Hashagen, Sr._



DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS
	i		
		그렇게 가는데 그 이 사람들이 없는 걸	
			프라니트 이유하다 그 본 사람들은 그리고 있다는?
	i		
			1

FILE NAME: UP010008

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



MANEUVER AREA NAME AND LOCATION HB Area TA-HB, HF NAC TACA MCB, Camp Lejeune, NC INSTRUCTIONS: One form for each maneuver a Fill in data elements as app	XLogistics Exercises XParachute Operations XLogistics Exercises XParachute Operations XLogistics Exercises XParachute Operations ALogistics Exercises XParachute Operations XLogistics Exercises XParachute Operations ALogistics Exercises XParachute Operations XLogistics Exercises XParachute Operations ALogistics Exercise AParachute Operations A	X Electronic Warfare X Amphibious Exercises X MAGTF FTX X Air-to-Ground Operations X Helicopter Operations	
DATA ELEMENT	PRESENT CHARACTERISTICS		DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Range Shape and Dimensions Dimensions (km)	Undefined		
Primary Direction of Fire Coordinates	1		
	1/\		

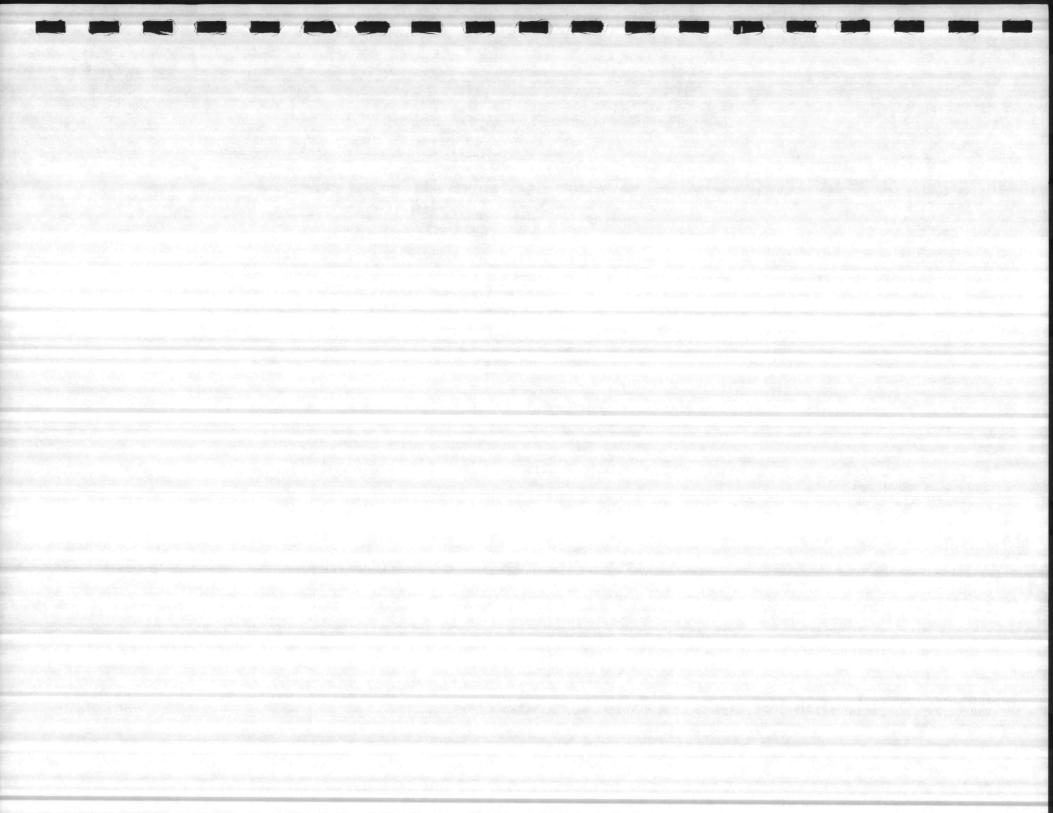
Access
No. of Land Access Routes...
No. of Land Water Routes...
No. of Air Ingress Routes...
No. of Air Egress Routes...
No. of Beach Access Areas...

FILE NAME: UP010009

Associated Air Space

PAGE 1 OF 5 DATE: 03/05/87

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

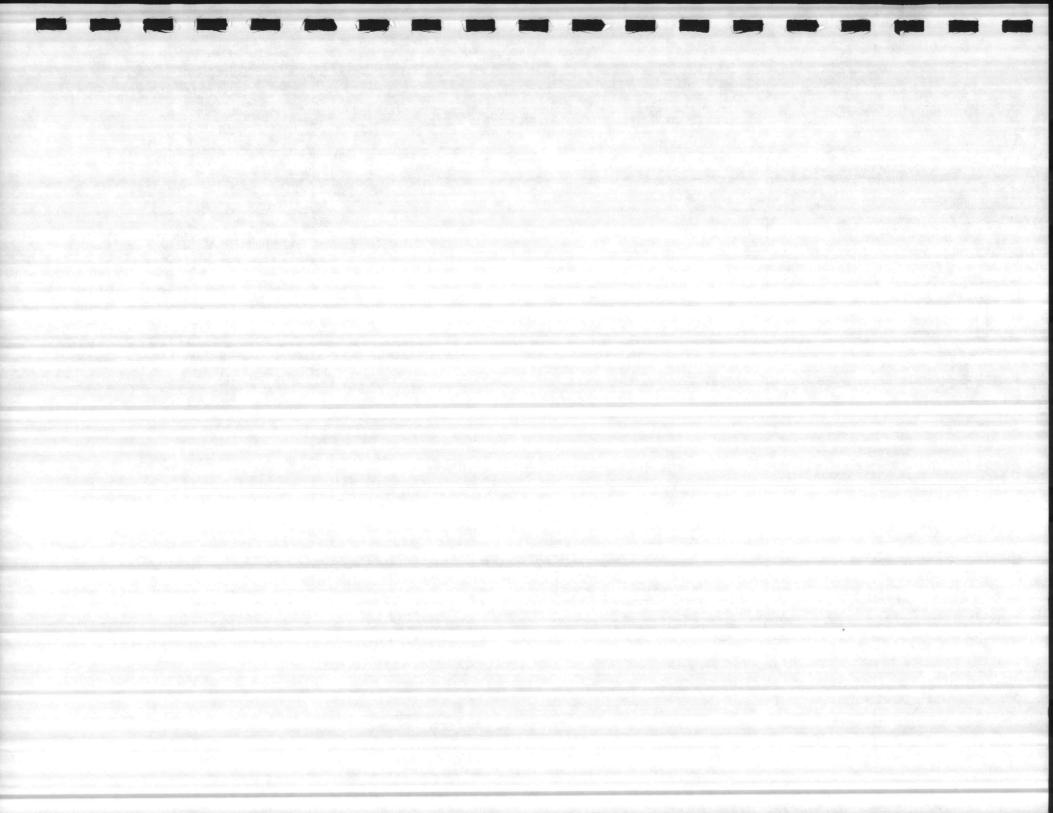


DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Climate Seasonal	X		
Tropic Temperate Arctic		NOT APPLICABLE	NOT APPLICABLE
DesertAll-Weather (Indoor) Other			
	i 		
Terrain Type Percentage Mountainous Percentage Rolling			
Percentage Swamp Percentage Desert		NOT APPLICABLE	NOT APPLICABLE
Percentage Beach Percentage Level Percentage Water			
Soil Type			
Percentage Rock Percentage Sand Percentage Clay Percentage Swamp/Marsh	100 	NOT APPLICABLE	NOT APPLICABLE
Percentage Loamy Percentage Other			
Vegetation			
Percentage None Percentage Sparse Percentage Moderate	140		
Percentage Heavy			

FILE NAME: UP010009

PAGE 2 OF 5 DATE: 03/05/87

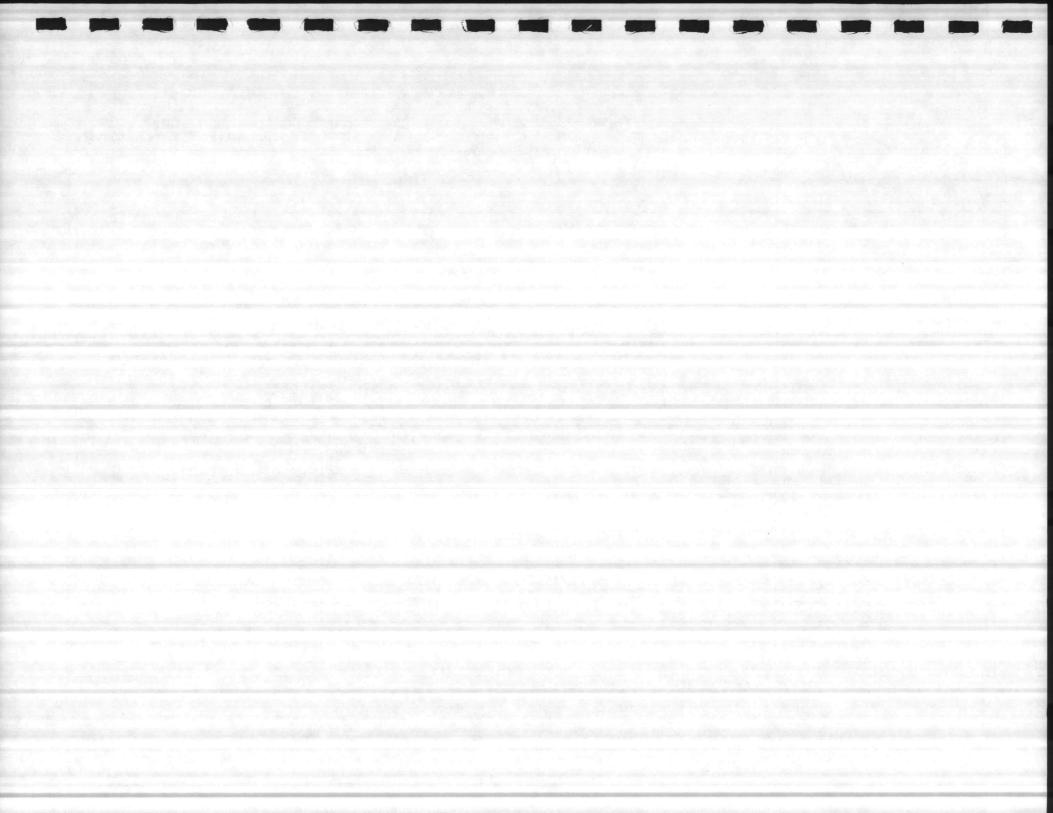
MANEUVER AREA MANAGER: D. J. Hashagen, Sr.



PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Undefined Undefined		
310		
55 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	0	0
Yes		
GP-24, GP-29, GP-Dove GP-21 located within LZ Dodo must be inactive during helicopter operations		
	Undefined Undefined 310 55 5 For the state of the stat	PRESENT CHARACTERISTICS (INCLUDE YEAR) Undefined Undefined 310 55 0 50 GP used Yes GP-24, GP-29, GP-Dove GP-21 located within LZ Dodo must be inactive during

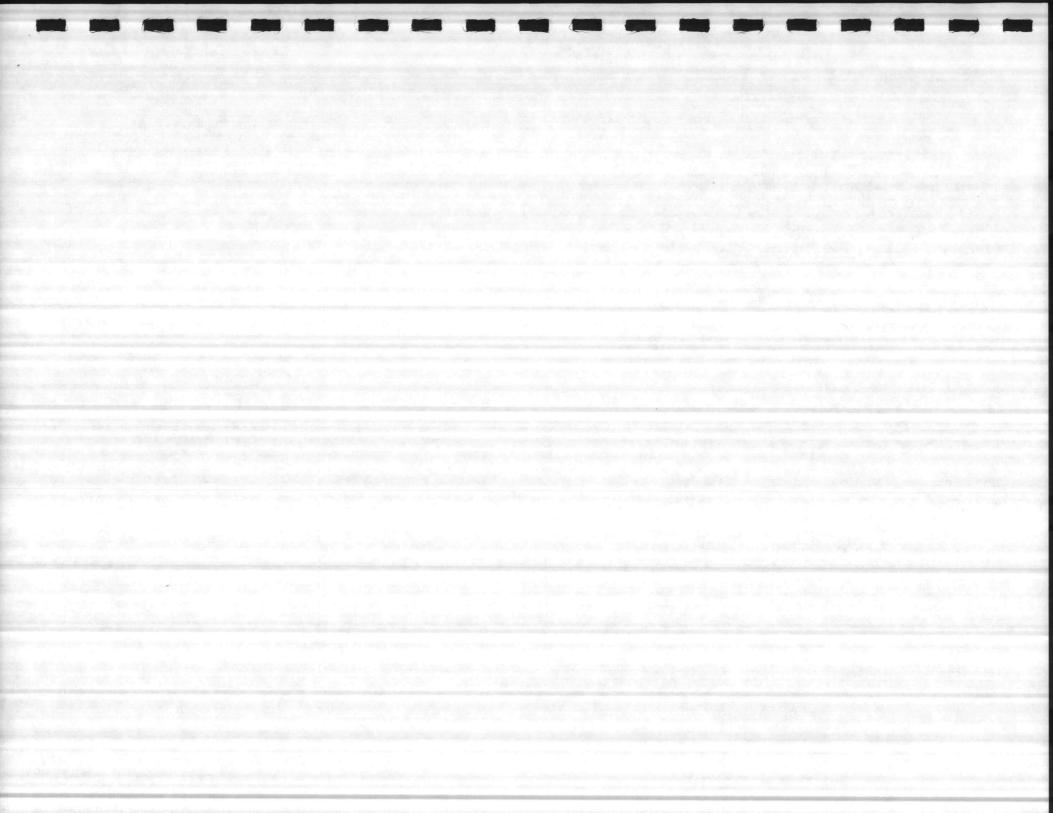
FILE NAME: UP010009
PAGE 3 OF 5 DATE: 03/05/87

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



DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)		CHARAC' NEEDED	STICS APPLICABLE
	Yes GP-21 located within Dodo				
Are There Site-unique Requirements Placed on Using Units? Yes, No, Explain	NA				
Distance from Supply Points POL (km)	5				
Restrictions on Maneuver Area Use Environmental AICUZ FAA Noise					
Time of YearOther	 				

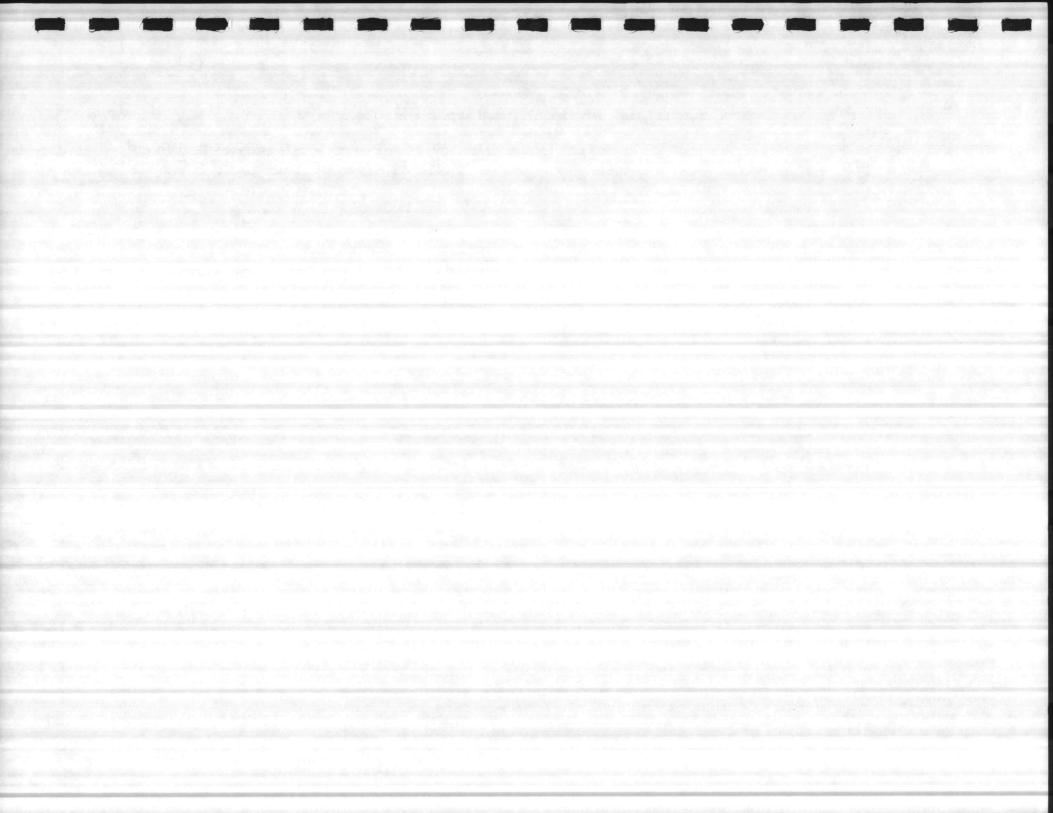
DATE: 03/05/87 MANEUVER AREA MANAGER: D. J. Hashagen, Sr.



DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE
NAME: UP010009	i	-i	

DATE: 03/05/87 PAGE 5 OF 5

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



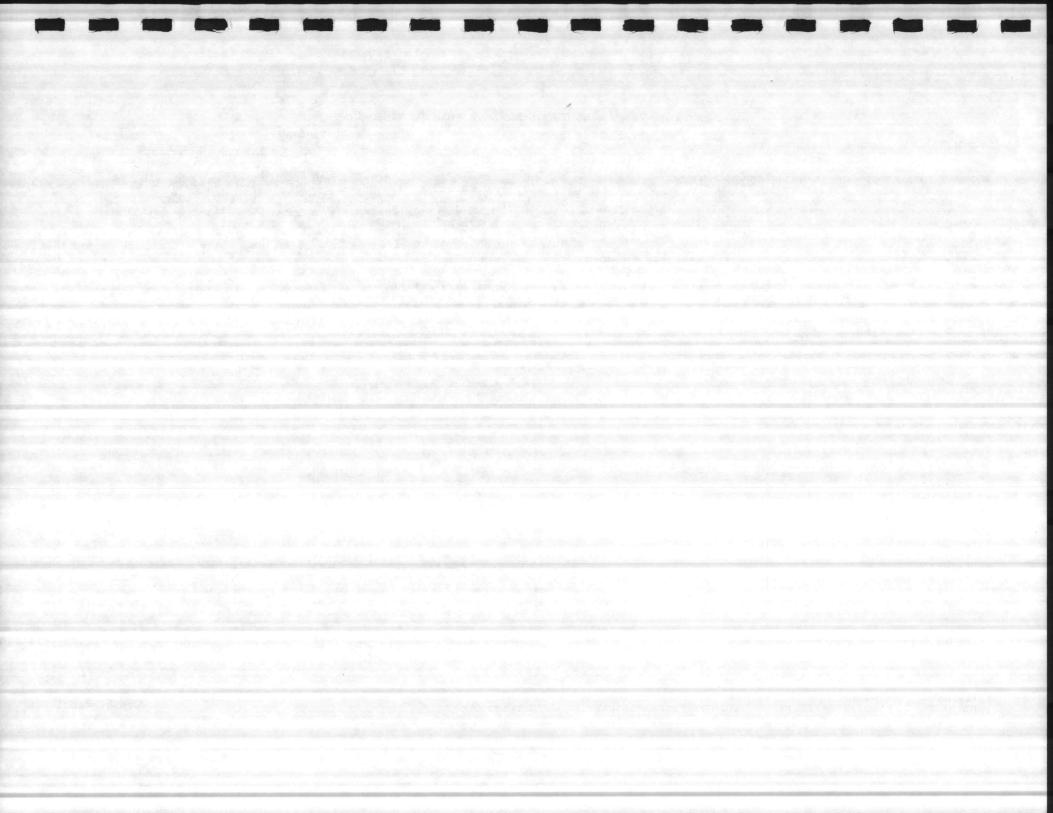
SUBMITTED BY: D. J. Hashagen, Sr., DRCO, AV 484-2102	X Infantry X Electronic Warfare
MANEUVER AREA NAME AND LOCATION: TLZ Dove HB Area TA-HB, HF NAC TACAN 149.0/8.5 nm, MCB, Camp Lejeune, NC	X Artillery X Amphibious Exercises X Armor (LAVs, AAVs, Tanks) X MAGTF FTX X Combined Arms X Air-to-Ground Operations X Communications Exercises X Helicopter Operations X Logistics Exercises Other
INSTRUCTIONS: One form for each maneuver area Fill in data elements as appropriate	

DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Range Shape and Dimensions Dimensions (km)	Undefined		
Primary Direction of Fire Coordinates	INA TP859307		
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			

FILE NAME: UP010010

PAGE 1 OF 5 DATE: 03/05/87

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

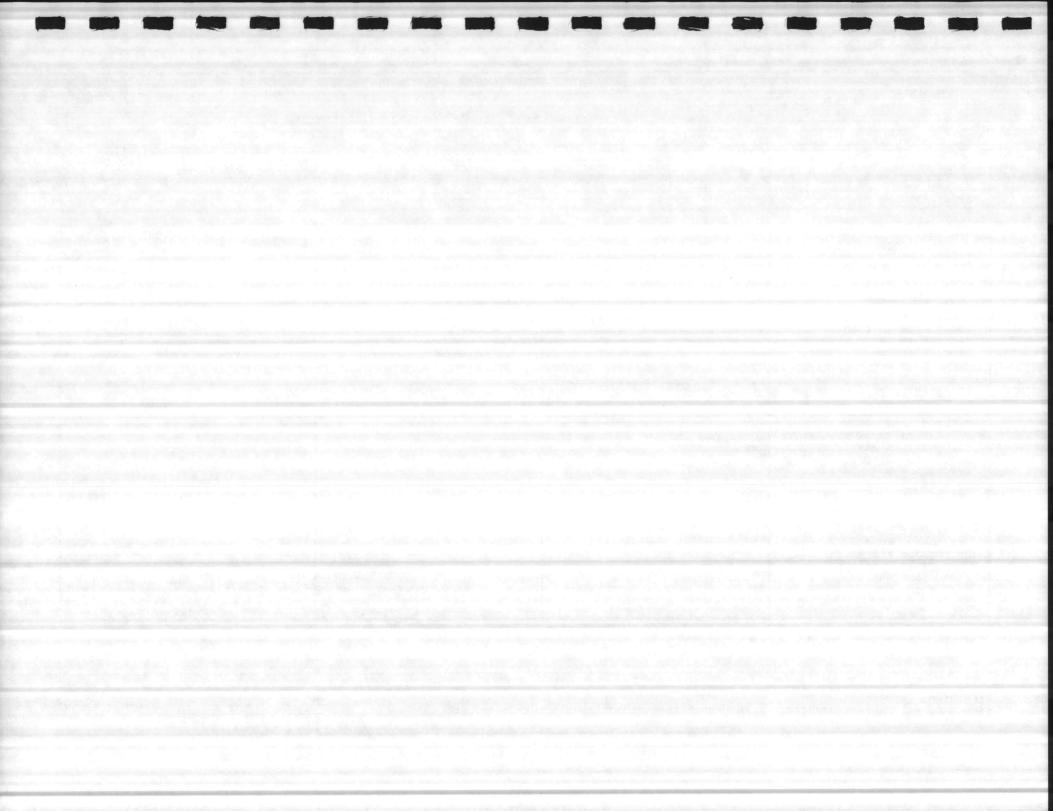


DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Climate Seasonal Tropic Temperate Arctic Desert All-Weather (Indoor)		NOT APPLICABLE	NOT APPLICABLE
Terrain Type Percentage Mountainous Percentage Rolling Percentage 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	5		

FILE NAME: UP010010

PAGE 2 OF 5 DATE: 03/05/87

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

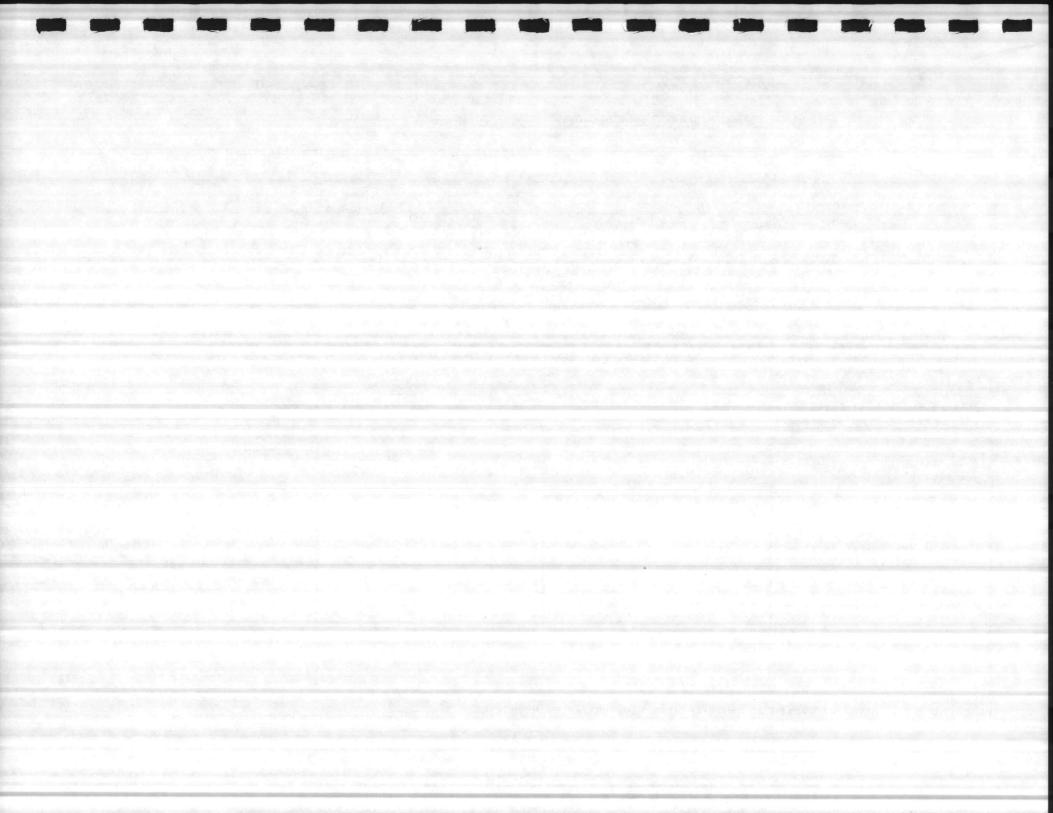


DATA ELEMENT	PRESENT CHARAC	TERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)		CHARACTERISTICS NEEDED IF APPLICABLE)
List Capacity of an 8-Hour Training Day. Specify: Unit of Measure, e.g., No. of Bns/Sqdns No. of Aircraft/Helos No. of AAVs/LCACs as Appropriate	Undefined				
 Number of Days per Year the Maneuver Area is Available	360				
Non-availability per Year Total	5		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	GP-24, GP-33				

FILE NAME: UP010010 PAGE 3 OF 5 DATE:

DATE: 03/05/87

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

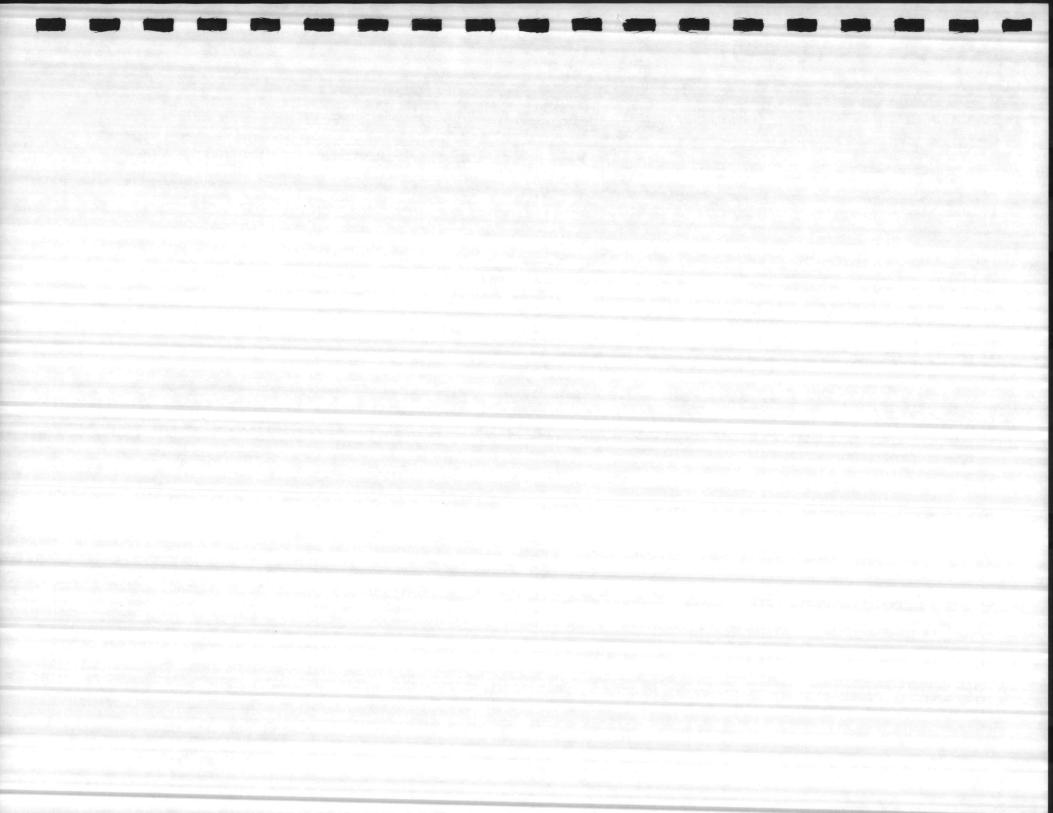


PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Yes No CH-46s due to loose sand		
 NA		
3		
NA		
	Yes No CH-46s due to loose sand NA NA NA NA	PRESENT CHARACTERISTICS (INCLUDE YEAR) Yes No CH-46s due to loose sand

FILE NAME: UP010010

PAGE 4 OF 5 DATE: 03/05/87

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

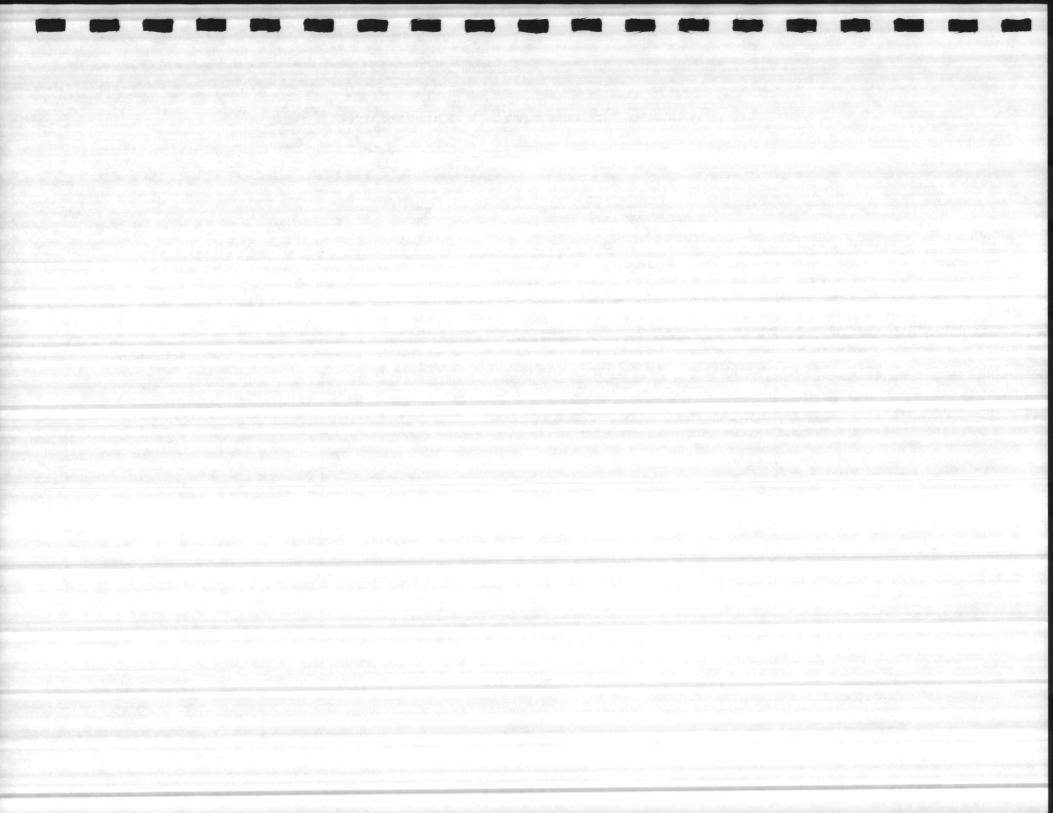


DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE
	i de la companya de la companya de la companya de la companya de la companya de la companya de la companya de		
			i.
		i	
		i	
	현실점 그는 사람이 요즘 사람이 있다.		
		i de la companya de la companya de la companya de la companya de la companya de la companya de la companya de	
		The second secon	The state of the s
			Entered to the second of the s

FILE NAME: UP010010

PAGE 5 OF 5 DATE: 03/05/87

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



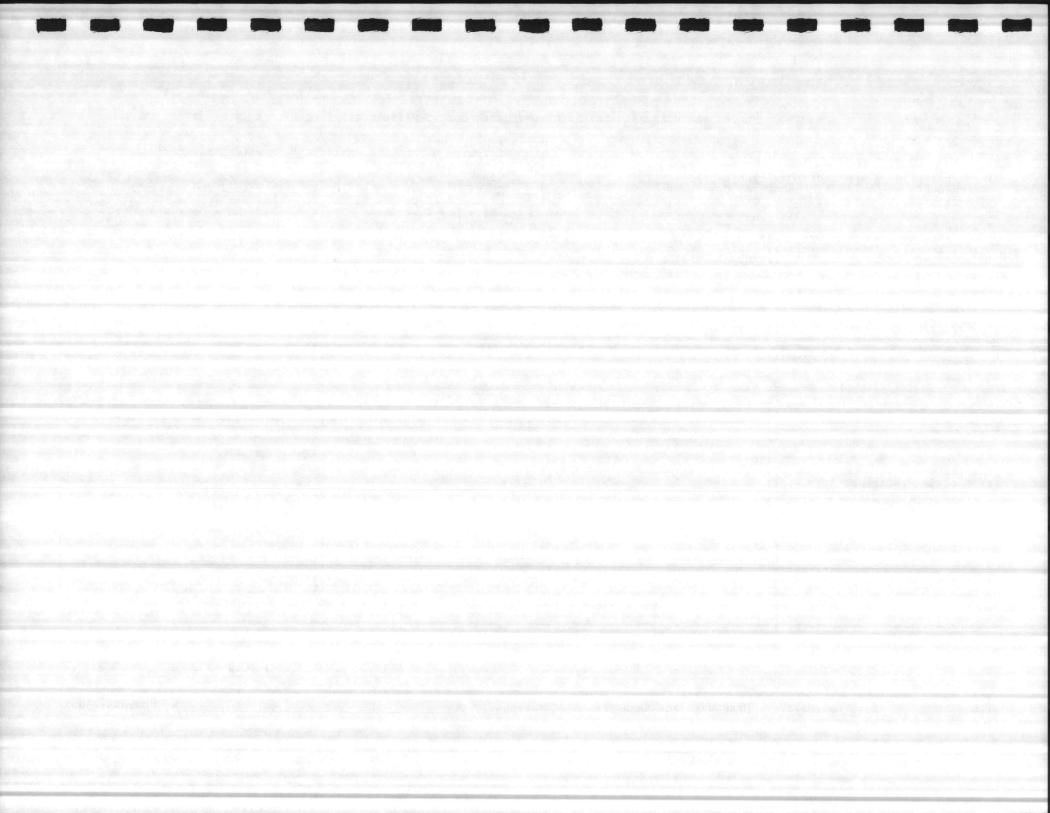
SUBMITTED BY: D. J. Hashagen, Sr., DRCO, AV 484-2102	TYPE MANEUVER AREA:
MANEUVER AREA NAME AND LOCATION: TLZ Eagle Ragged Point TA-MC NAC TACAN 141.0/1.5 nm, MCB, Camp Lejeune, NC	X Artillery X Amphibious Exercises X Armor (LAVs, AAVs, Tanks) X MAGTF FTX X Combined Arms X Air-to-Ground Operations X Communications Exercises X Helicopter Operations X Logistics Exercises X Parachute Operations
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)	Undefined		
Primary Direction of Fire			
Coordinates	TP785410 		
	 /\ /\ /N		
Associated Air Space Altitude (ft)		· · · · · · · · · · · · · · · · · · ·	
Access			
No. of Land Access Routes No. of Land Water Routes No. of Air Ingress Routes	1	 	
No. of Air Egress Routes No. of Beach Access Areas	1		
			.

FILE NAME: UP010011

PAGE 1 OF 5 DATE: 03/05/87

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

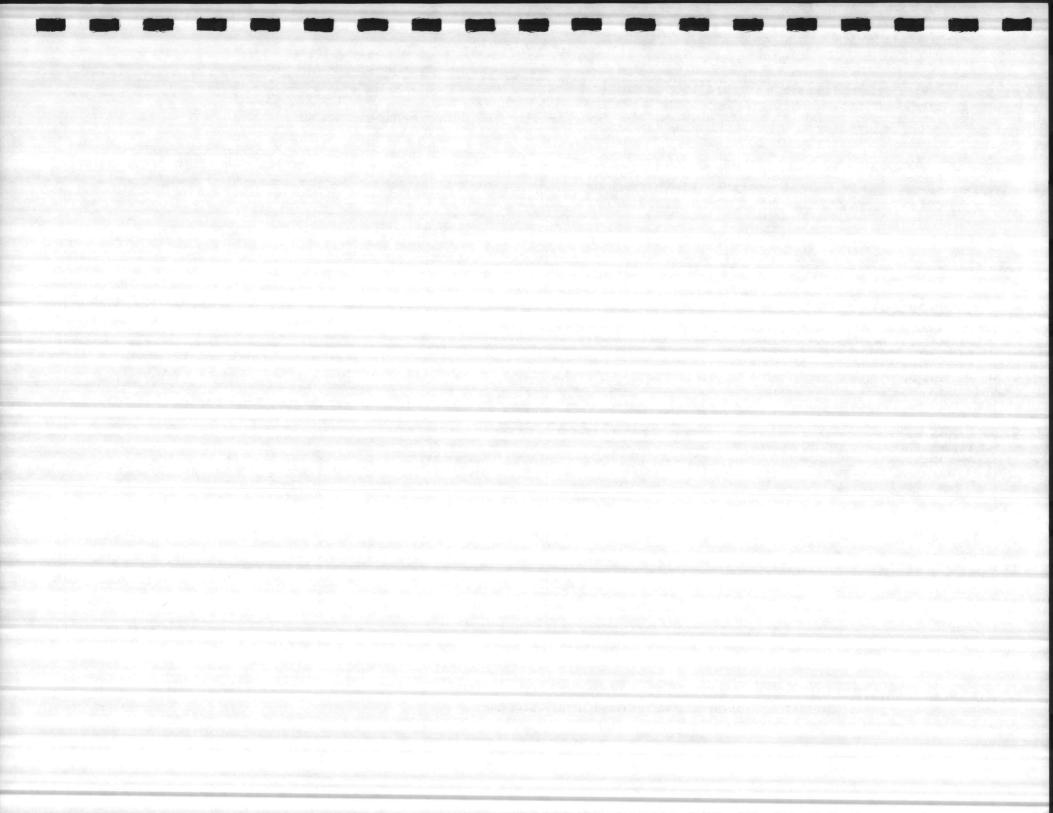


DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS
Climate Seasonal	X	NOT APPLICABLE	NOT APPLICABLE
Terrain Type Percentage Mountainous Percentage Rolling Percentage Swamp Percentage Desert Percentage Beach Percentage Level Percentage Water	100	NOT APPLICABLE	NOT APPLICABLE
Soil Type Percentage Rock	100	NOT APPLICABLE	NOT APPLICABLE
Vegetation Percentage None Percentage Sparse Percentage Moderate Percentage Heavy 30			

FILE NAME: UP010011 PAGE 2 OF 5 DATE:

DATE: 03/05/87

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

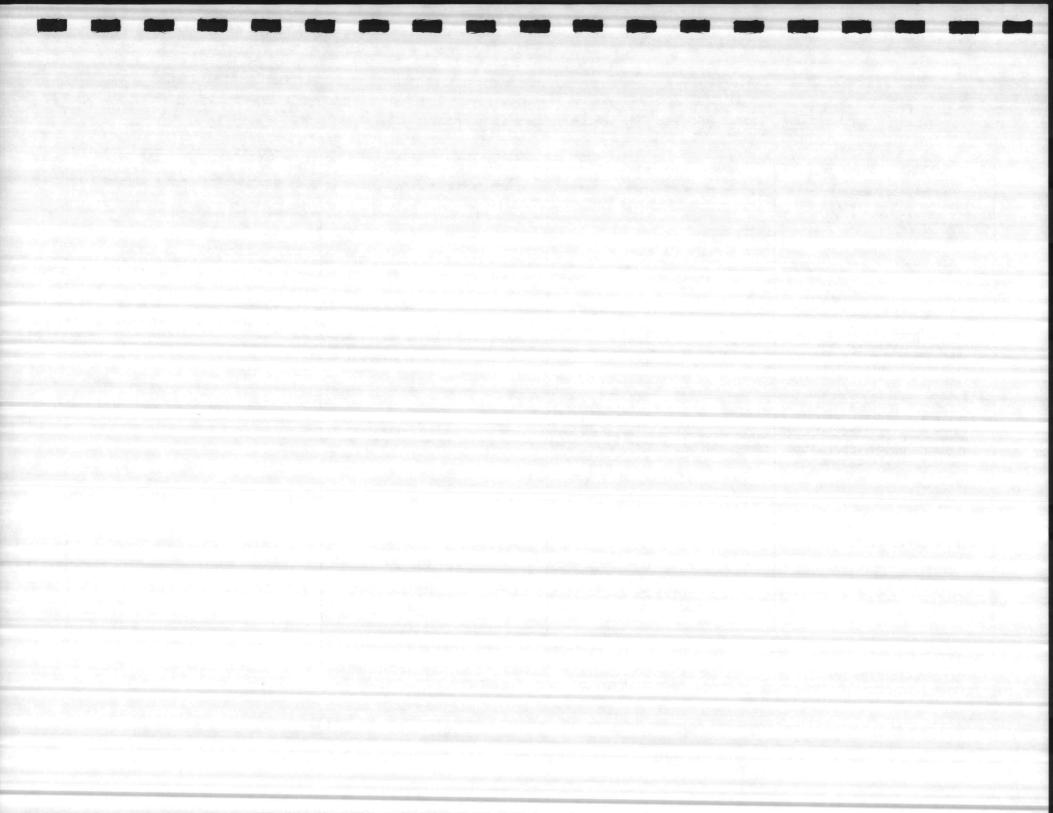


DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
List Capacity of an 8-Hour Training Day. Specify: Unit of Measure, e.g., No. of Bns/Sqdns No. of Aircraft/Helos No. of AAVs/LCACs as Appropriate	Undefined		
Number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

FILE	NAME:	UP010011

PAGE 3 OF 5 DATE: 03/05/87

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

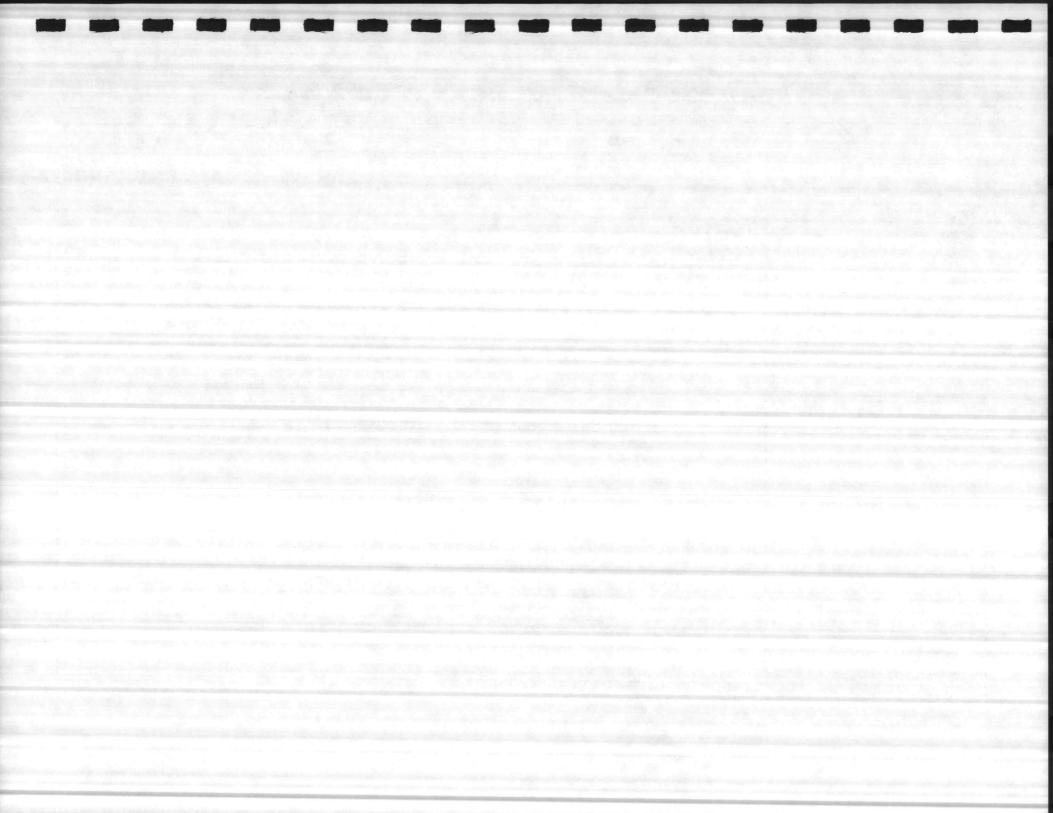


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FILE NAME: UP010011

PAGE 4 OF 5 DATE: 03/05/87

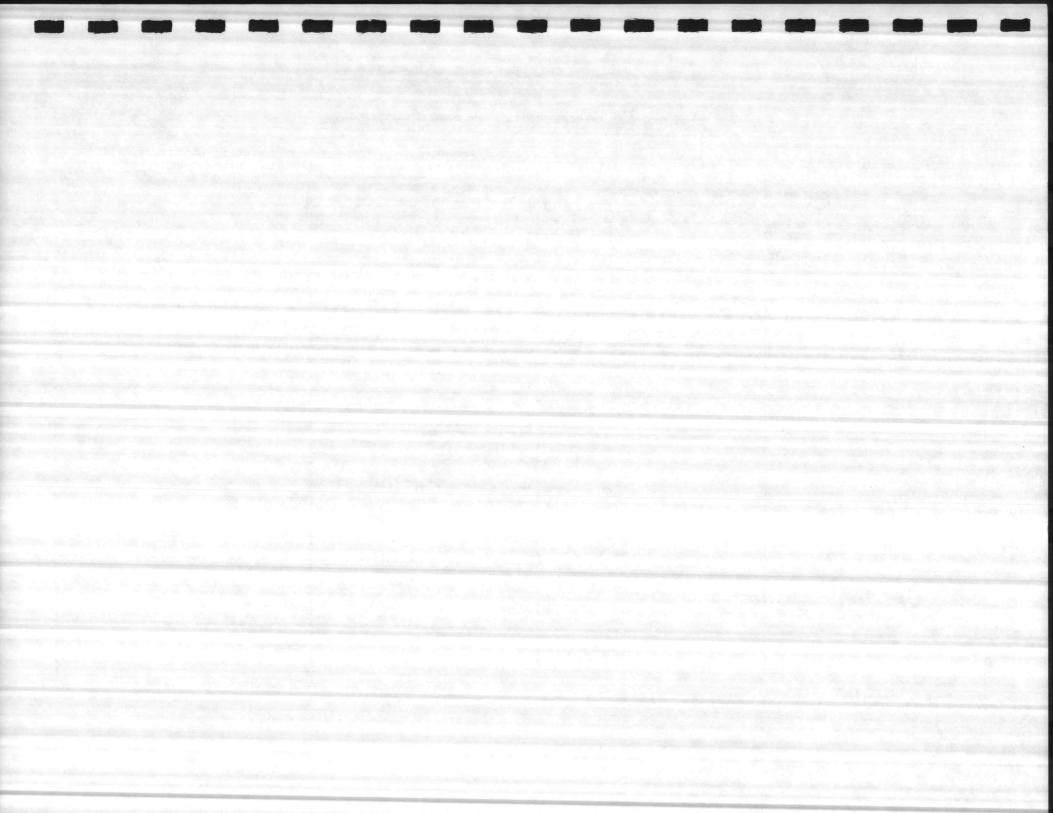
MANEUVER AREA MANAGER: D. J. Hashagen, Sr.



DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE
		The state of the s	
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NAME: UP010011		-	i

PAGE 5 OF 5 DATE: 03/05/87

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



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

----- TYPE MANEUVER AREA: -

UTMAS-P-0001

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

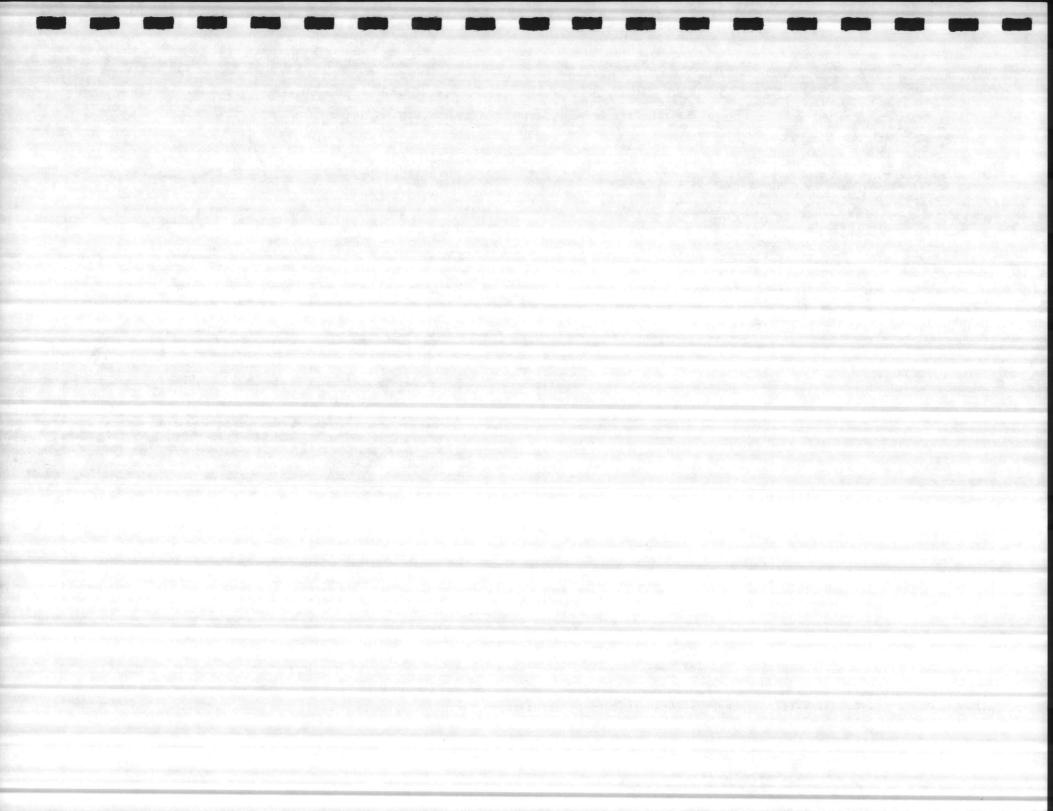
FILE NAME: UP010012

DATE: 03/05/87

PAGE 1 OF 5

MANEUVER AREA NAME AND LOCATION Onslow Beach Road TA-GG NA MCB, Camp Lejeune, NC INSTRUCTIONS: One form for each maneuver a Fill in data elements as app Use right column for new or	crea	X Infantry X Artillery X Armor (LAVs, AAVs, Tanks) X Combined Arms X Communications Exercises X Logistics Exercises	X Air-to-Ground Operations
DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Range Shape and Dimensions Dimensions (km)	Undefined		
Primary Direction of Fire Coordinates	INA ITP912287		
	 /\ /\ NORTH		
		`	
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	l		

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

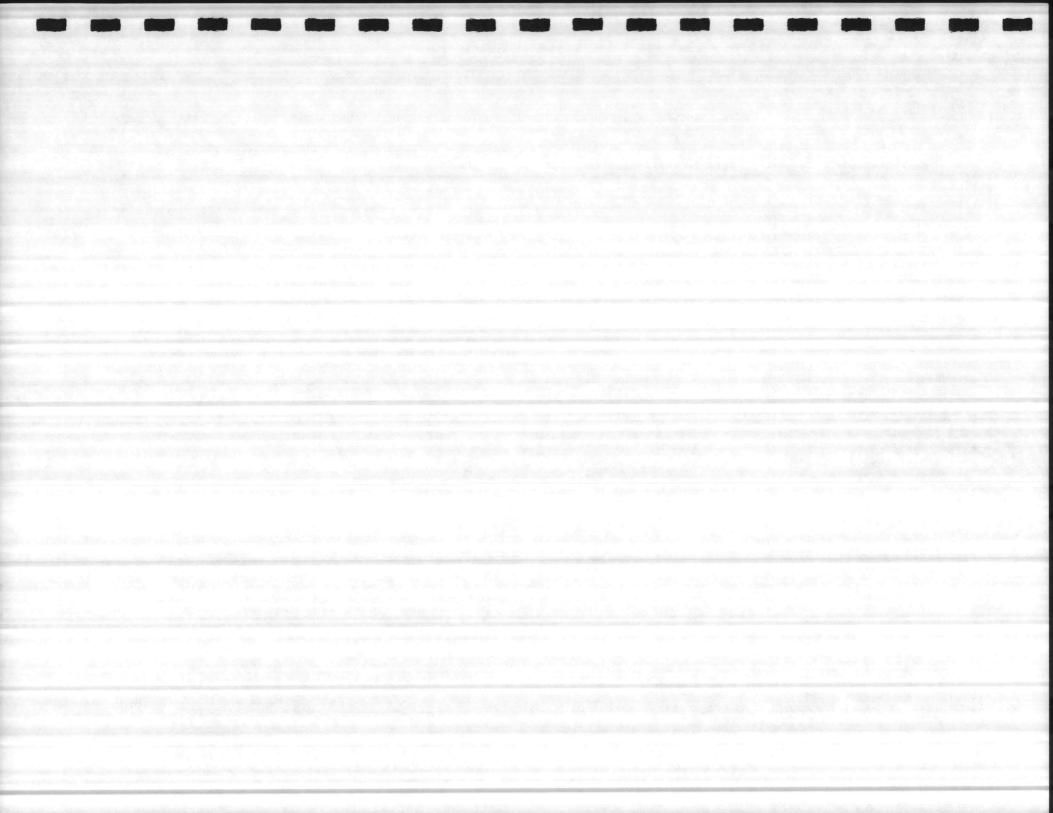


DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Climate Seasonal		NOT APPLICABLE	NOT APPLICABLE
Terrain Type Percentage Mountainous Percentage Rolling Percentage Swamp Percentage Desert Percentage Beach Percentage Level	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	30		

FILE NAME: UP010012

PAGE 2 OF 5 DATE: 03/05/87

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

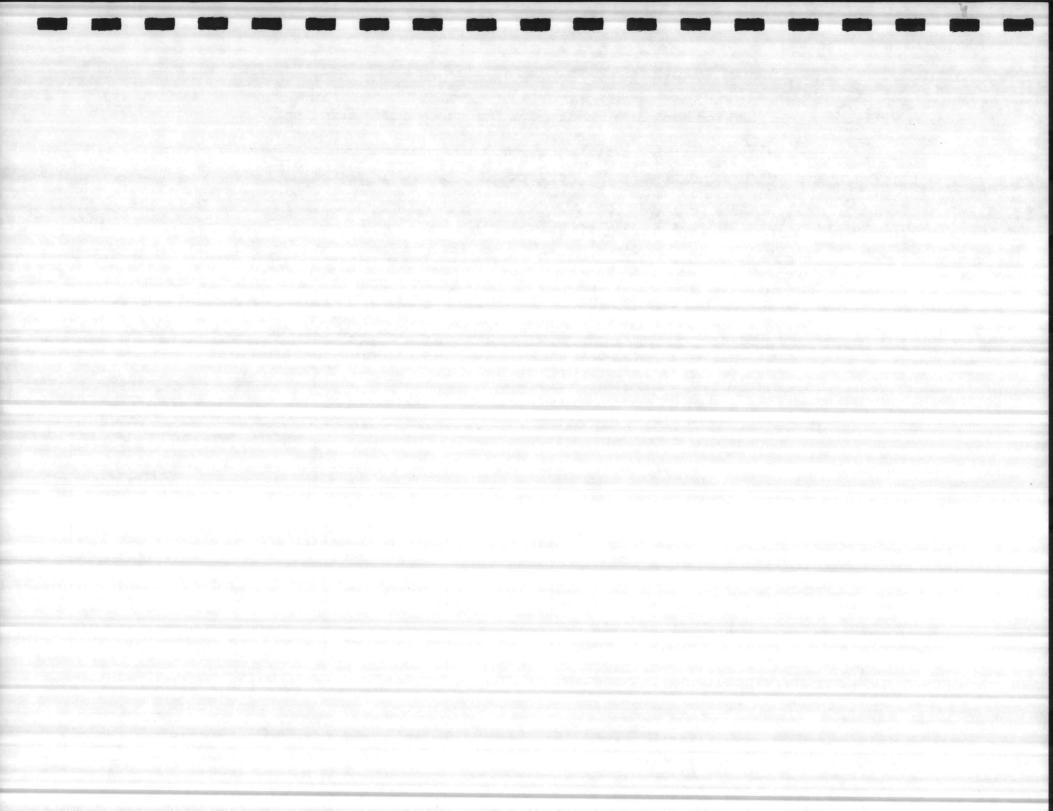


DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS
List Capacity of an 8-Hour Training Day. Specify: Unit of Measure, e.g., No. of Bns/Sqdns No. of Aircraft/Helos No. of AAVs/LCACs	Undefined		
 Number of Days per Year the Maneuver Area is Available	345		
Non-availability per Year Total	20	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	GP-25, GP-30, GP-31		

FILE NAME: UP010012

PAGE 3 OF 5 DATE: 03/05/87

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

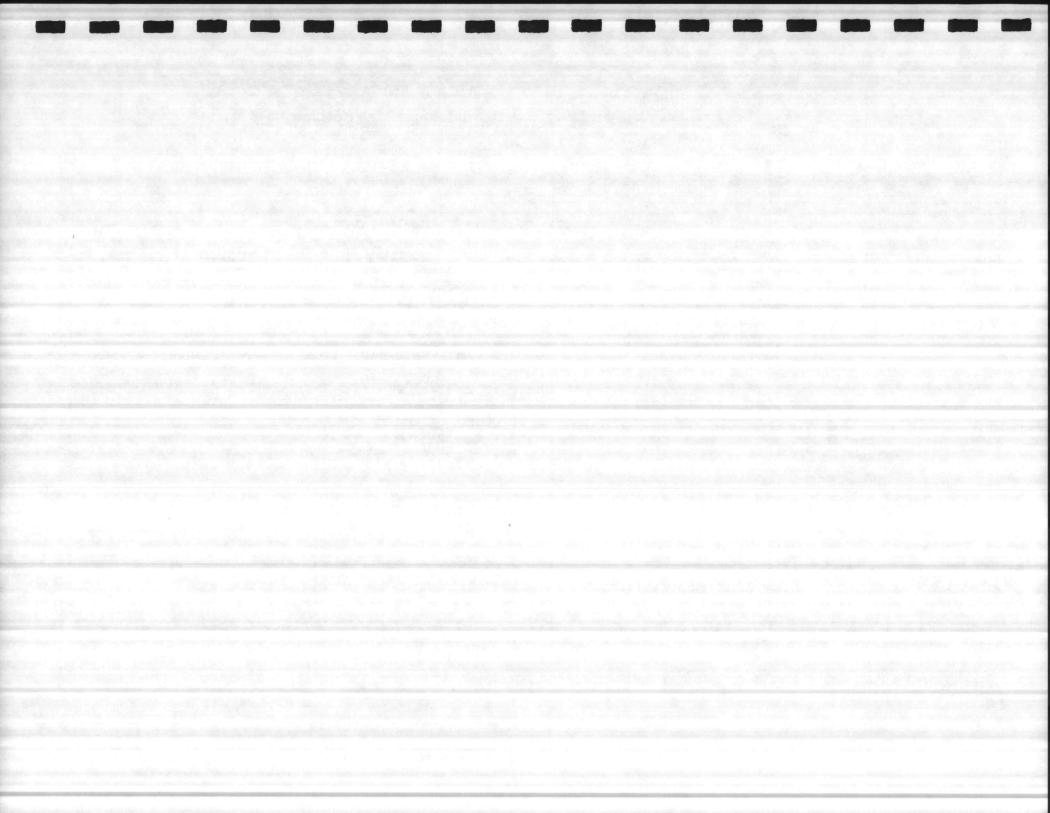


PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Yes Parachute drop zone capable (Woodchuck) Hurst Beach Road		
NA		
10 7 10		
NA		
	Yes Parachute drop zone capable (Woodchuck) Hurst Beach Road NA 10 7 10 NA	Yes Parachute drop zone capable (Woodchuck) Hurst Beach Road NA 10 7 10 NA

FILE NAME: UP010012

PAGE 4 OF 5 DATE: 03/05/87

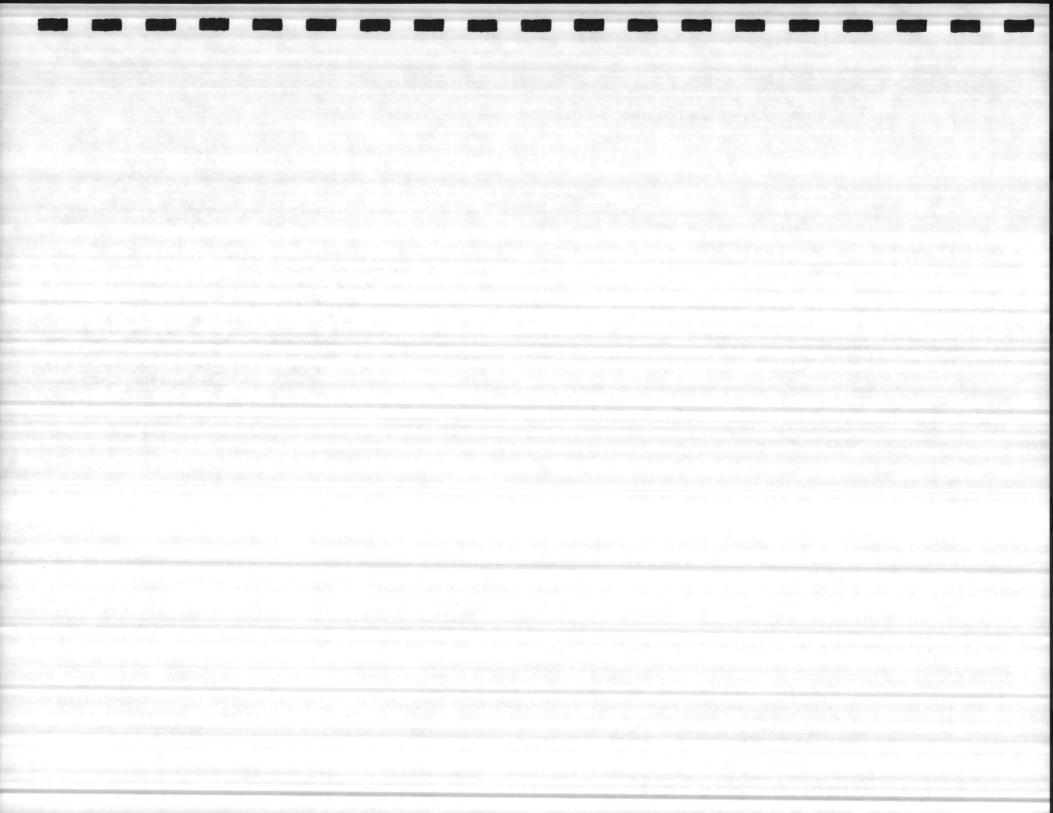
MANEUVER AREA MANAGER: D. J. Hashagen, Sr.



DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS
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ILE NAME: UP010012			

FILE NAME: UP010012

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



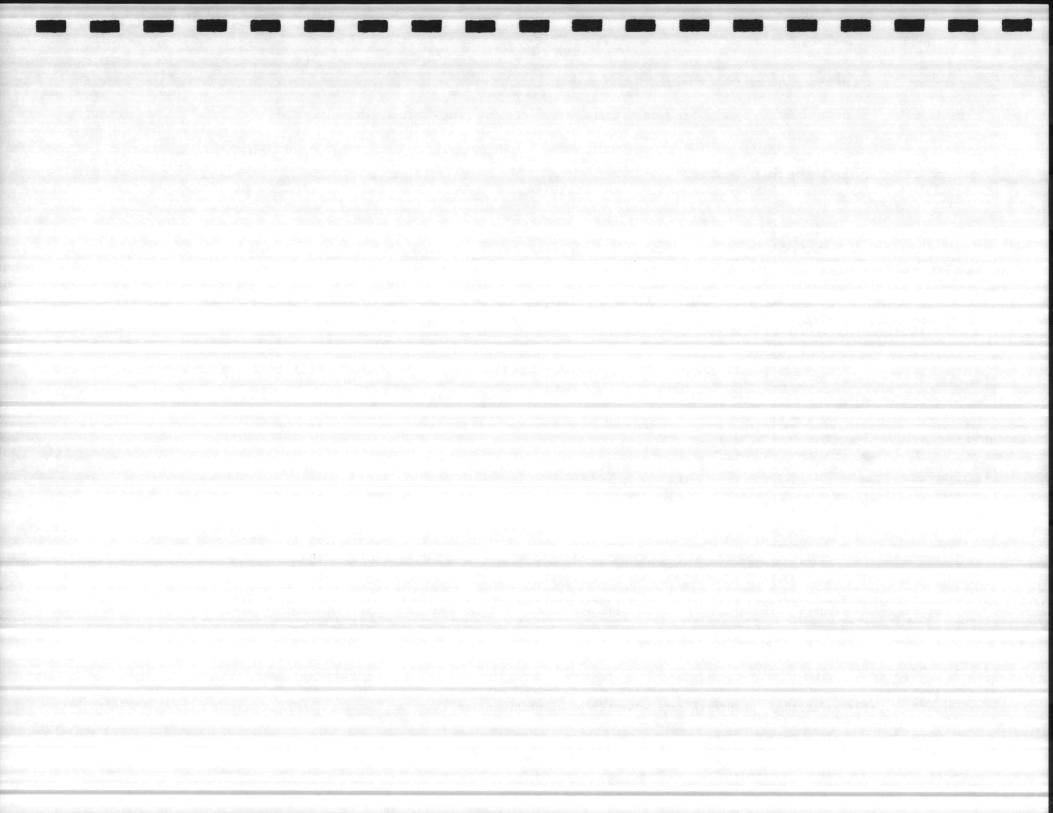
LATAR MANEUVER AREA INVENTORY DATA FORM (UTMAS-P-0001)

SUBMITTED BY: D. J. Hashagen,	Sr., DRCO. AV 484-2102	TYPE MA	NEUVER AREA:
		X Infantry	X Electronic Warfare
		XArtillery	X Amphibious Exercises
MANEUVER AREA NAME AND LOCATION	: TLZ Goose	X Armor (LAVs, AAVs, Tanks)	X MAGTF FTX
Airstrip TA-GG NAC TACAN 1	36.0/10.6 nm,	X Combined Arms	X Air-to-Ground Operations
MCB, Camp Lejeune, NC		X Communications Exercises	X Helicopter Operations
	March the approximate to take the color	X Logistics Exercises	X Parachute Operations
INSTRUCTIONS: One form for each maneuver a: Fill in data elements as app: Use right column for new or	ropriate		
DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS
Daniel Ghanna and Diamania		!	
Range Shape and Dimensions Dimensions (km)	17-3-513		
Dimensions (km)	Undefined		
Primary Direction of Fire	! NA		
rramary paroceron or rare		[일종] 전 시간 그 그는 호텔 사람이 하시다. 아니는 이 모든	[19] 이렇게 보이 하면 있었습니다. 그런 이번 이번 다른
Coordinates	TP919388		
	 / \ / \ NORTH		
Associated Air Space	The state of the s		
Altitude (ft)			
Ingress and Egress Routes	NA		
Access			
No. of Land Access Routes	5		요리 젊었다. 경영하고 그 막 그리지를 그리고 하는 얼마나요?
No. of Land Water Routes			l e e
No. of Land Water Routes No. of Air Ingress Routes			•

FILE NAME: UP010013 PAGE 1 OF 5 DATE:

DATE: 03/05/87

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

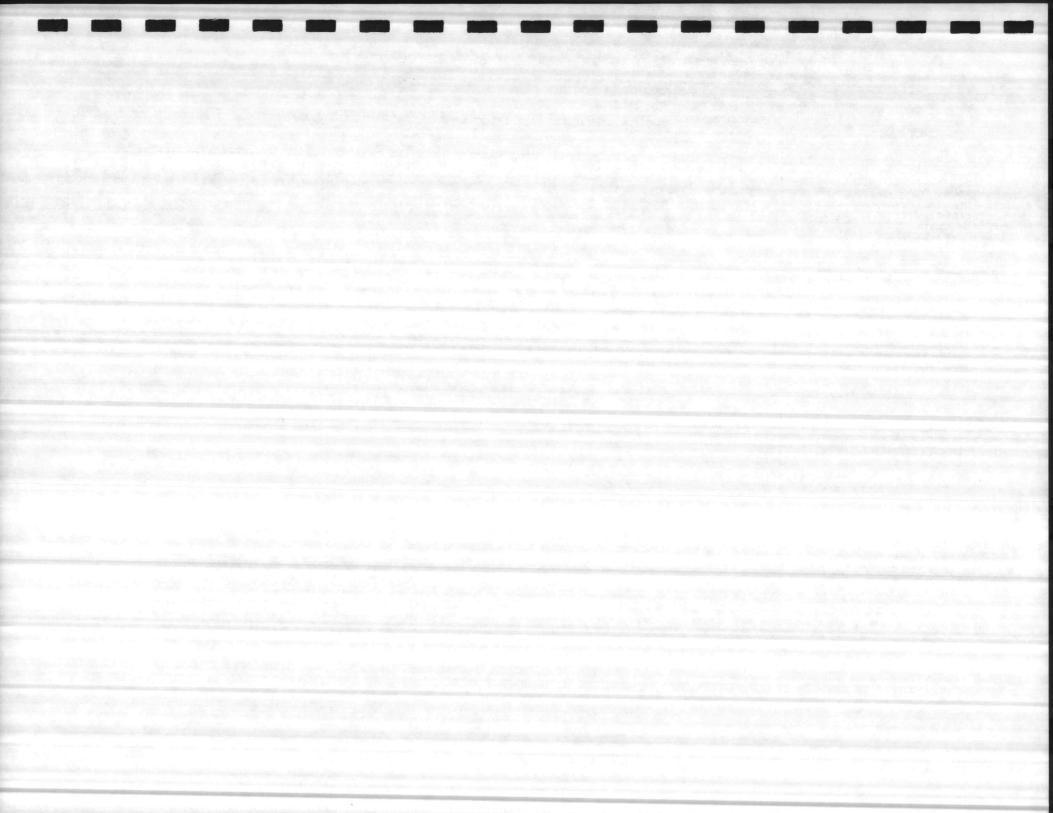


DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Climate Seasonal		NOT APPLICABLE	NOT APPLICABLE
Terrain Type Percentage Mountainous Percentage Rolling Percentage Swamp Percentage Desert Percentage Beach Percentage 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	40		

FILE NAME: UP010013 PAGE 2 OF 5 DATE:

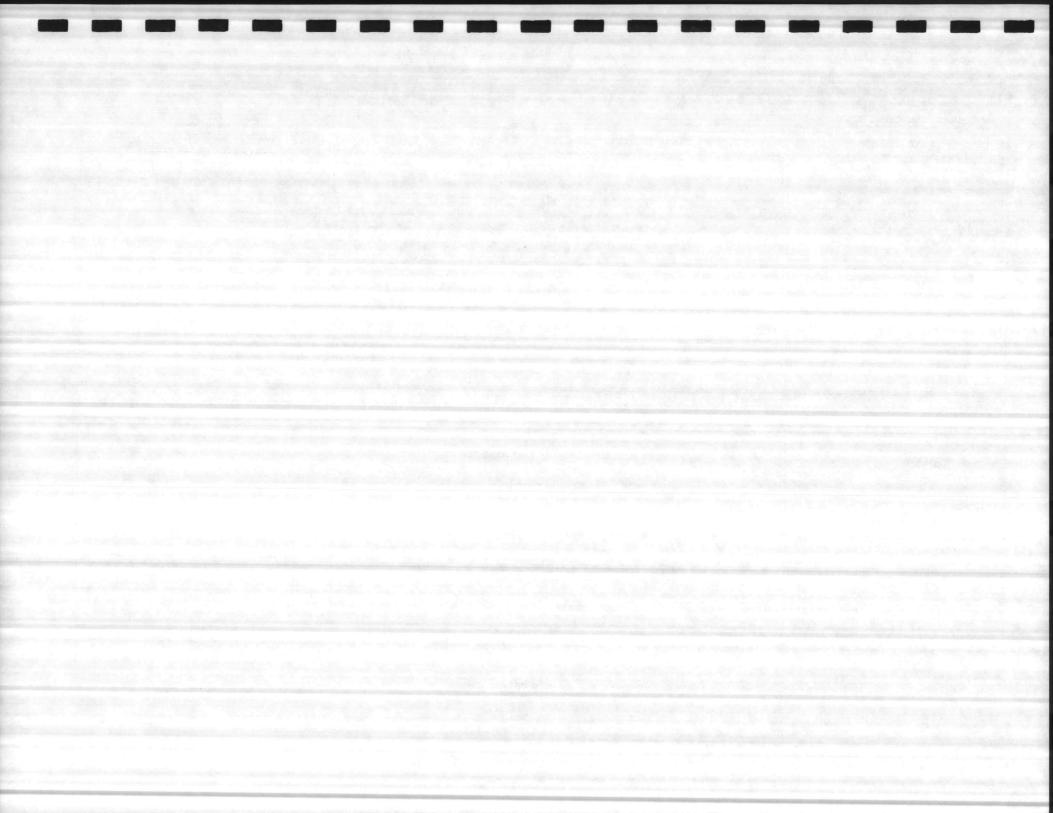
DATE: 03/05/87

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



DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (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	Undefined Undefined		
Number of Days per Year the Maneuver Area is Available	310		
Non-availability per Year Total Maintenance Weather Budget Fire Condition/Weather Weekends/Holidays	5	0	0
Is the Maneuver Area Capable of Nighttime Use? Yes, No	 Yes 		
Which Must Be Closed When	GP-27, GP-30, GP-32, GP-28, GP-31 GP-23 must be inactive during parachute or helicopter operations		

FILE	N	AME:		UP010013	
PACE	3	OF	5	DATE:	03/05/8

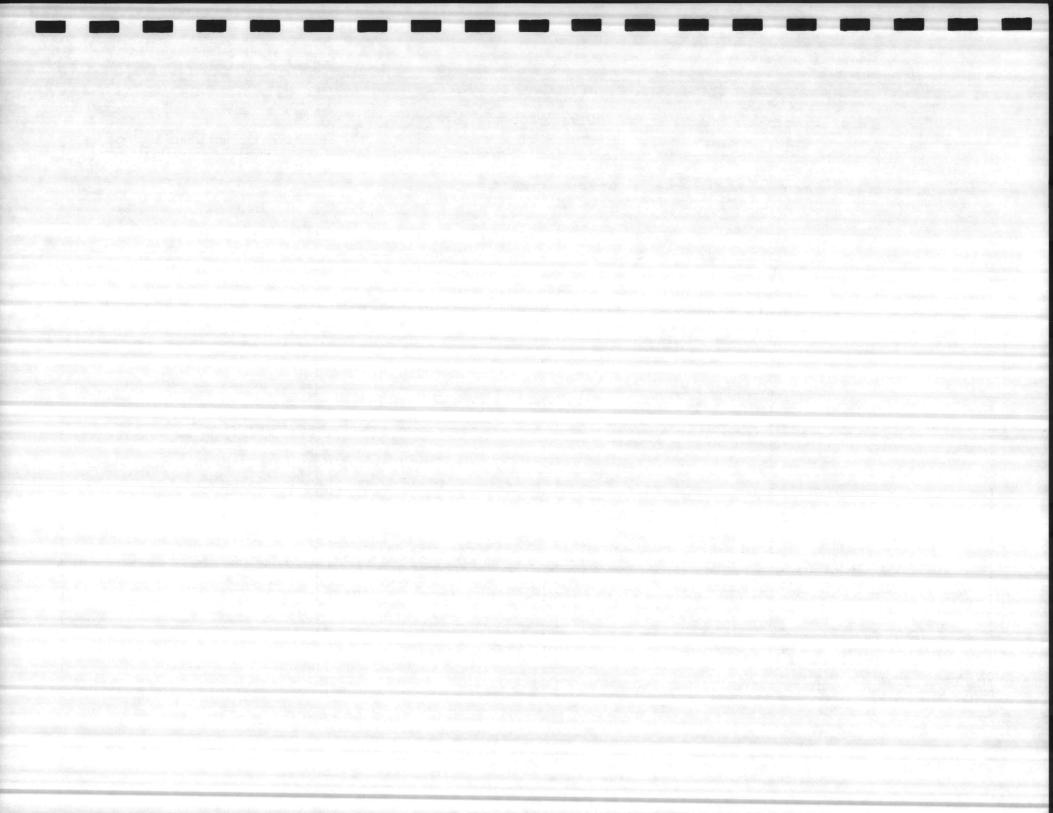


PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Yes GP-23 is located at northwest corner Parachute operations capable Trees in south will hamper operations		
NA		
10 17 10		
NA NA		
	Yes GP-23 is located at northwest corner Parachute operations capable Trees in south will hamper operations NA	Yes GP-23 is located at northwest corner Parachute operations capable Trees in south will hamper operations NA

FILE NAME: UP010013

PAGE 4 OF 5 DATE: 03/05/87

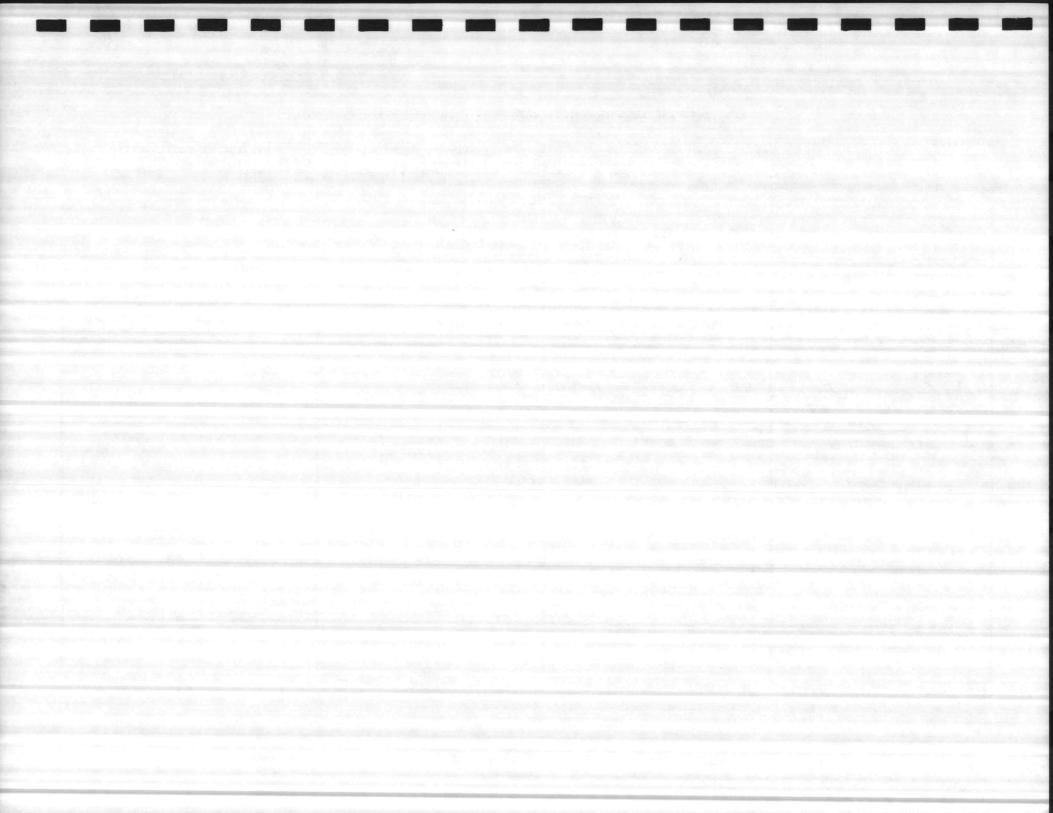
MANEUVER AREA MANAGER: D. J. Hashagen, Sr._



DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
		A 75 Company of the second provided in the se	

FILE NAME: UP010013

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



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

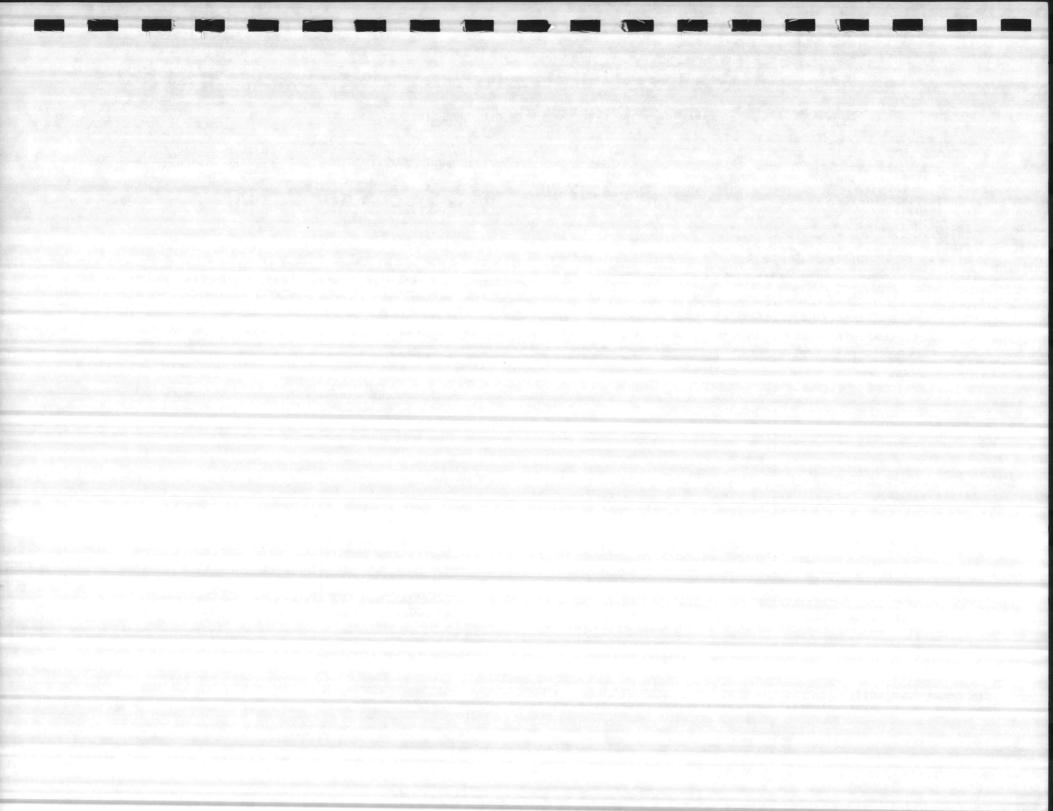
SUBMITTED BY: D. J. Hashagen, Sr., DRCO, AV 484-2102		NEUVER AREA:
	X Infantry	X Electronic Warfare
	X Artillery	X Amphibious Exercises
MANEUVER AREA NAME AND LOCATION: TLZ Hawk	X Armor (LAVs, AAVs, Tanks)	X MAGTF FTX
Combat Town Area TA-HE NAC TACAN 136.0/9.3 nm,	X Combined Arms	X Air-to-Ground Operations
MCB, Camp Lejeune, NC	X Communications Exercises	X Helicopter Operations
	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) Primary Direction of Fire	 Undefined NA		
Coordinates	 TP896318 		
	 /\ /\ 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			

LIDE MALLE. OF OTOOTA	FILE	NAME:	UP010014
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PAGE 1 OF 5 DATE: 03/05/87

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

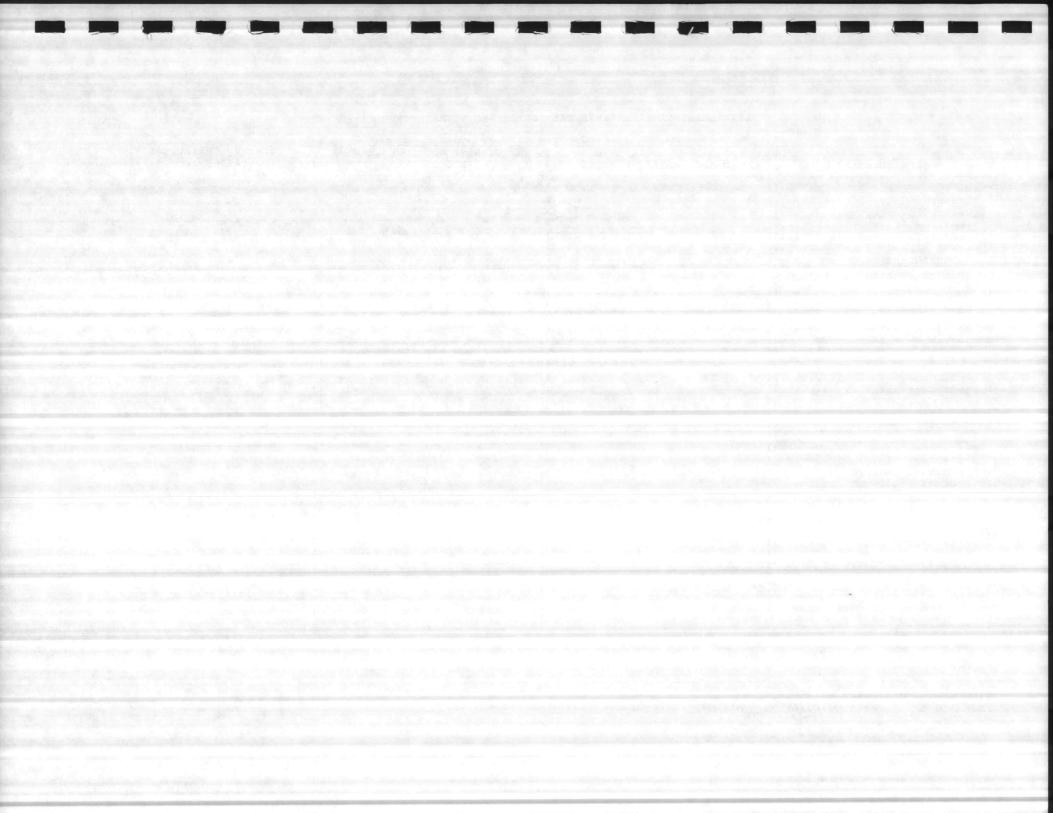


DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Climate Seasonal Tropic Temperate Arctic Desert All-Weather (Indoor)	X	NOT APPLICABLE	NOT APPLICABLE
Terrain Type Percentage Mountainous Percentage Rolling Percentage 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	40		

FILE NAME: UP010014 PAGE 2 OF 5 DATE:

DATE: 03/05/87

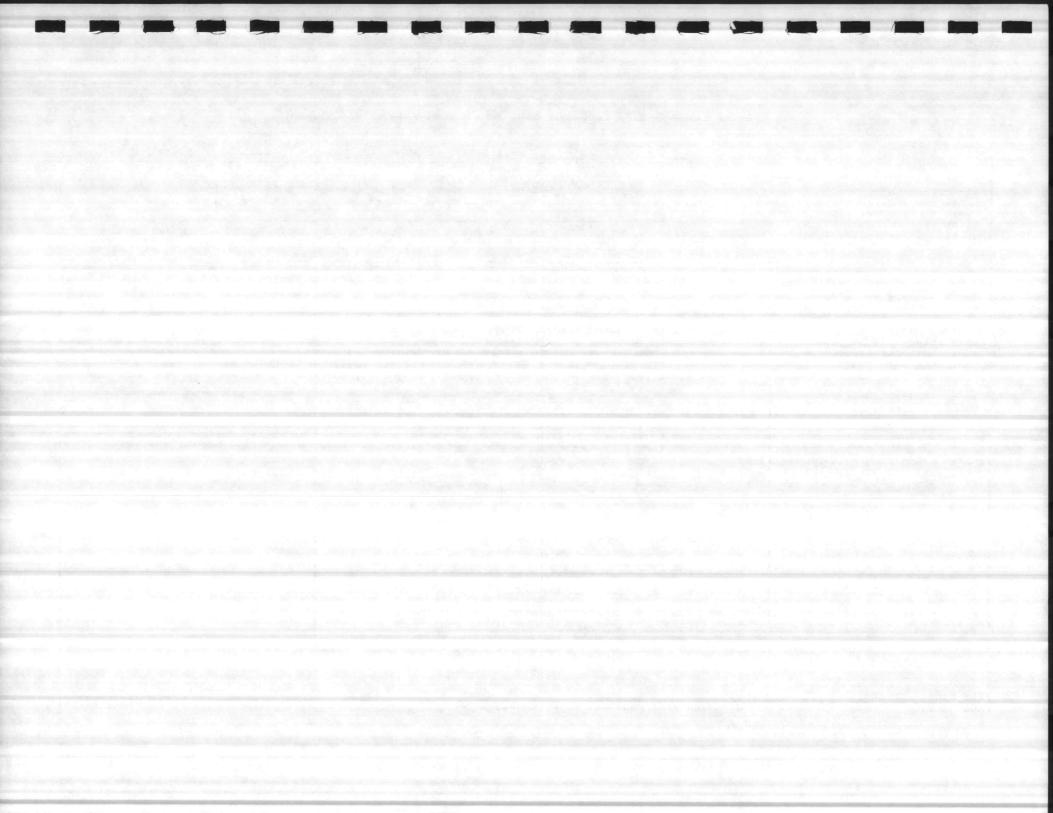
MANEUVER AREA MANAGER: D. J. Hashagen, Sr.



DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS
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	Undefined		
Number of Days per Year the Maneuver Area is Available	360		
Non-availability per Year Total	5 	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	GP-21, GP-24, GP-25, GP-26		

FILE NAME: UP010014 PAGE 3 OF 5 DATE:

DATE: 03/05/87

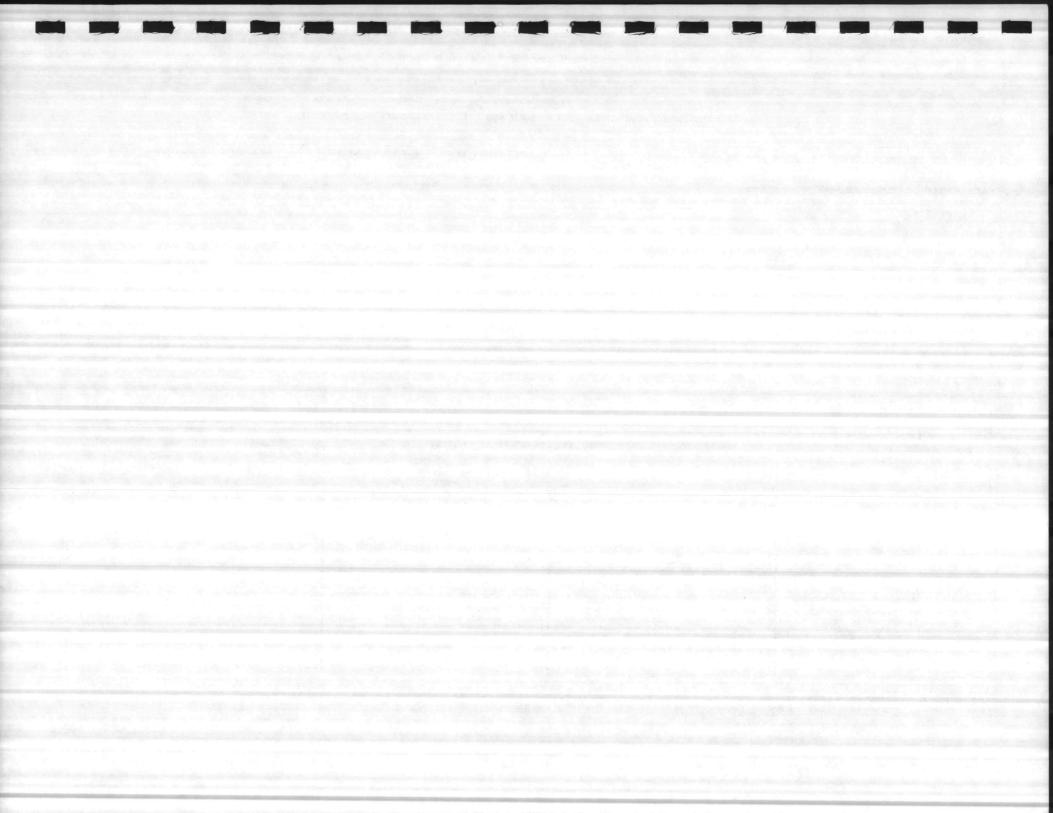


DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
	Yes No CH-46s due to loose sand		
Are There Site-unique Re- quirements Placed on Using Units? Yes, No, Explain	NA		
Distance from Supply Points POL (km)	14		
Restrictions on Maneuver Area Use Environmental			
Time of Day Time of Year Other			

FILE NAME: UP010014

PAGE 4 OF 5 DATE: 03/05/87

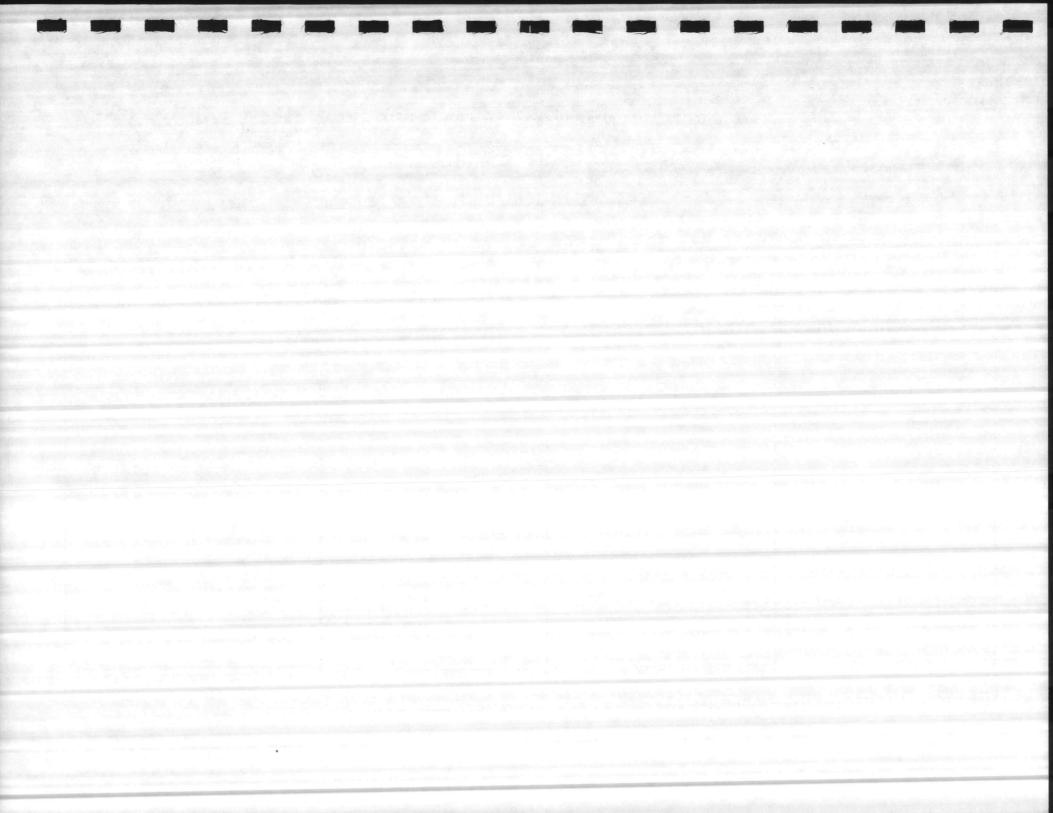
MANEUVER AREA MANAGER: D. J. Hashagen, Sr.



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

FILE NAME: UP010014
PAGE 5 OF 5 DATE: 03/05/87

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



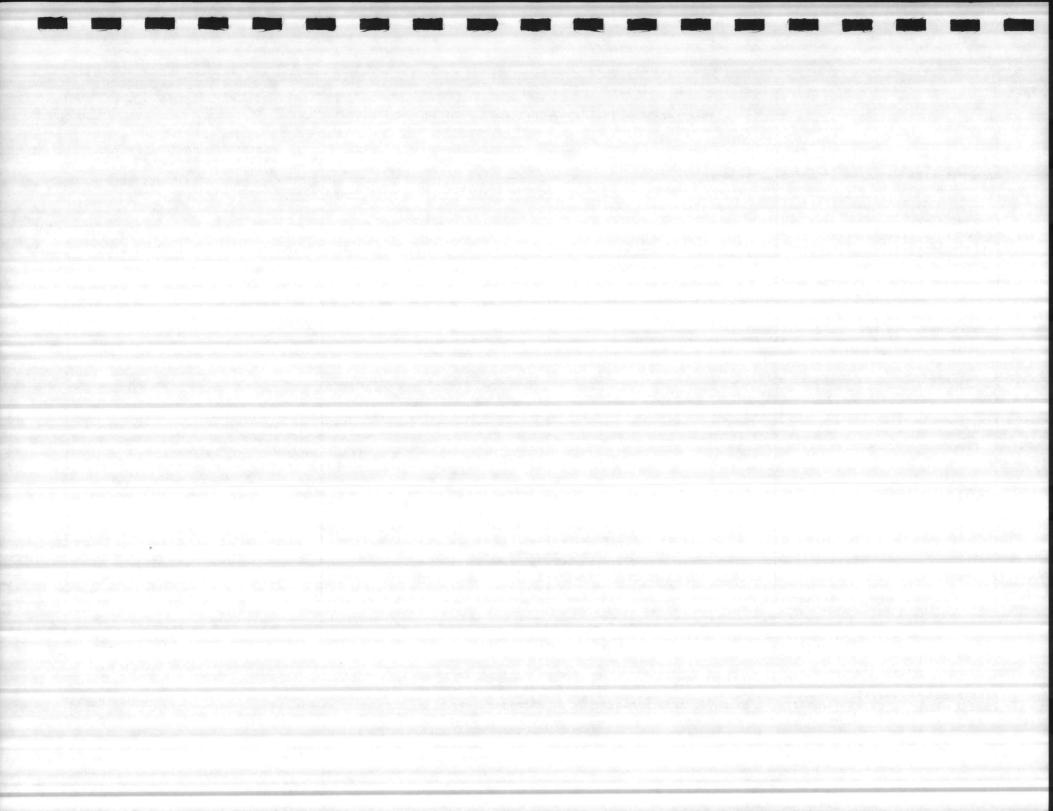
SUBMITTED BY: D. J. Hashagen, Sr., DRCO, AV 484-2102 MANEUVER AREA NAME AND LOCATION: TLZ Jaybird HD Area TA-HD NAC TACAN 135.0/7.7 nm, MCB, Camp Lejeune, NC		V Infantuu	NEUVER AREA:X Electronic Warfare
		X Artillery X Armor (LAVs, AAVs, Tanks) X Combined Arms X Communications Exercises X Logistics Exercises	X Amphibious Exercises X MAGTF FTX X Air-to-Ground Operations X Helicopter Operations Other
INSTRUCTIONS: One form for each maneuver a Fill in data elements as app Use right column for new or	ropriate		
DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS
Range Shape and Dimensions Dimensions (km)	 Undefined		
Primary Direction of Fire Coordinates	INA ITP879337		
Associated Air Space Altitude (ft)			
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			

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

UTMAS-P-0001

FILE NAME: UP010015 PAGE 1 OF 5 DATE:

DATE: 03/05/87

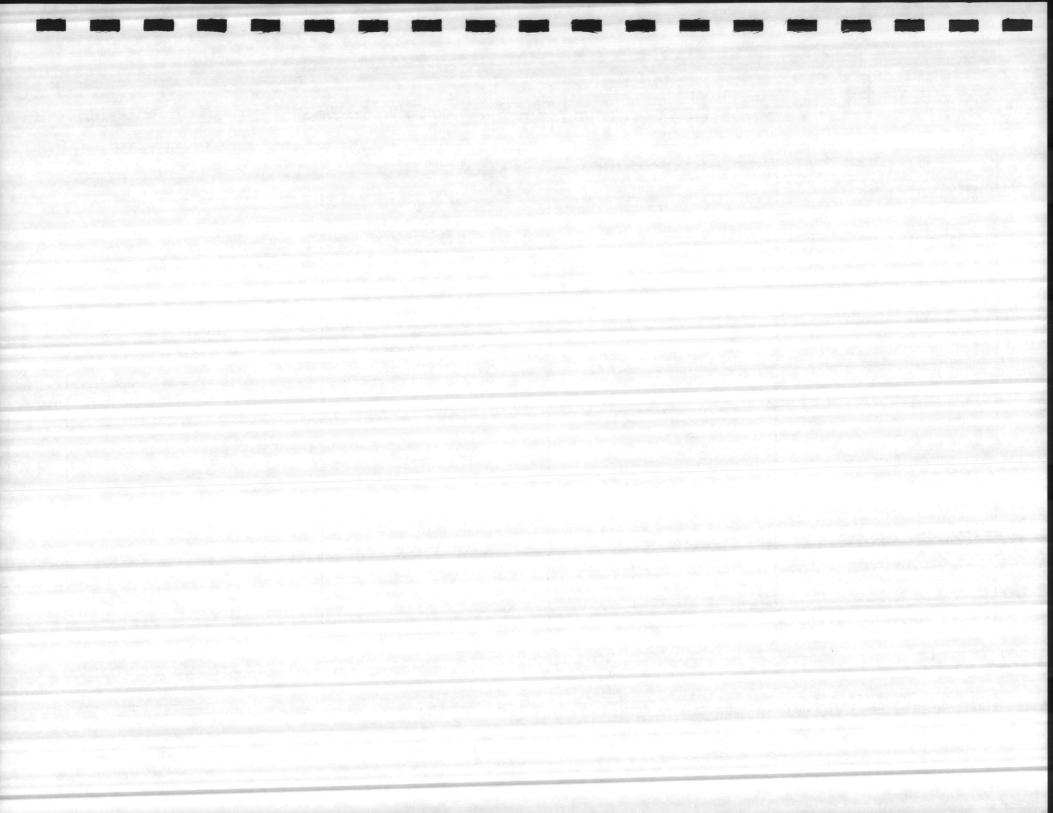


DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Climate Seasonal	X	NOT APPLICABLE	NOT APPLICABLE
Terrain Type Percentage Mountainous Percentage Rolling Percentage Swamp Percentage Desert Percentage Beach Percentage 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	50		

FILE NAME: UP010015 PAGE 2 OF 5 DATE:

DATE: 03/05/87

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

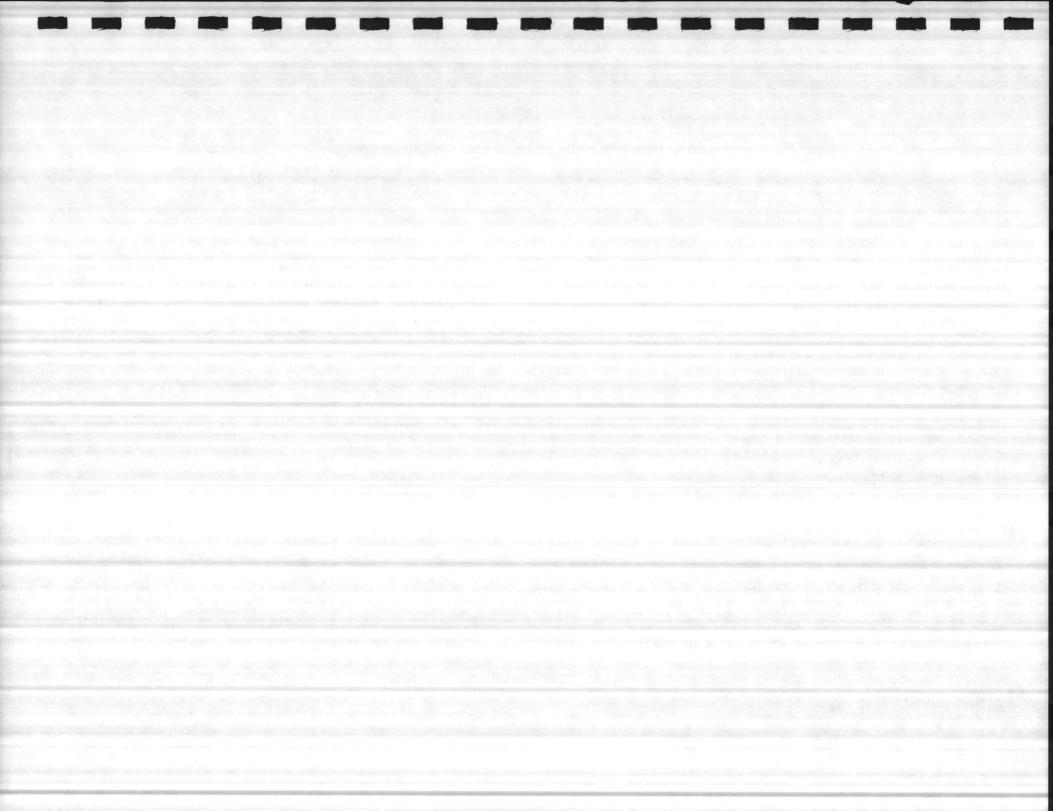


DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
List Capacity of an 8-Hour Training Day. Specify: Unit of Measure, e.g., No. of Bns/Sqdns No. of Aircraft/Helos No. of AAVs/LCACs as Appropriate	Undefined		
Number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

FILE NAME: UP010015

PAGE 3 OF 5 DATE: 03/05/87

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



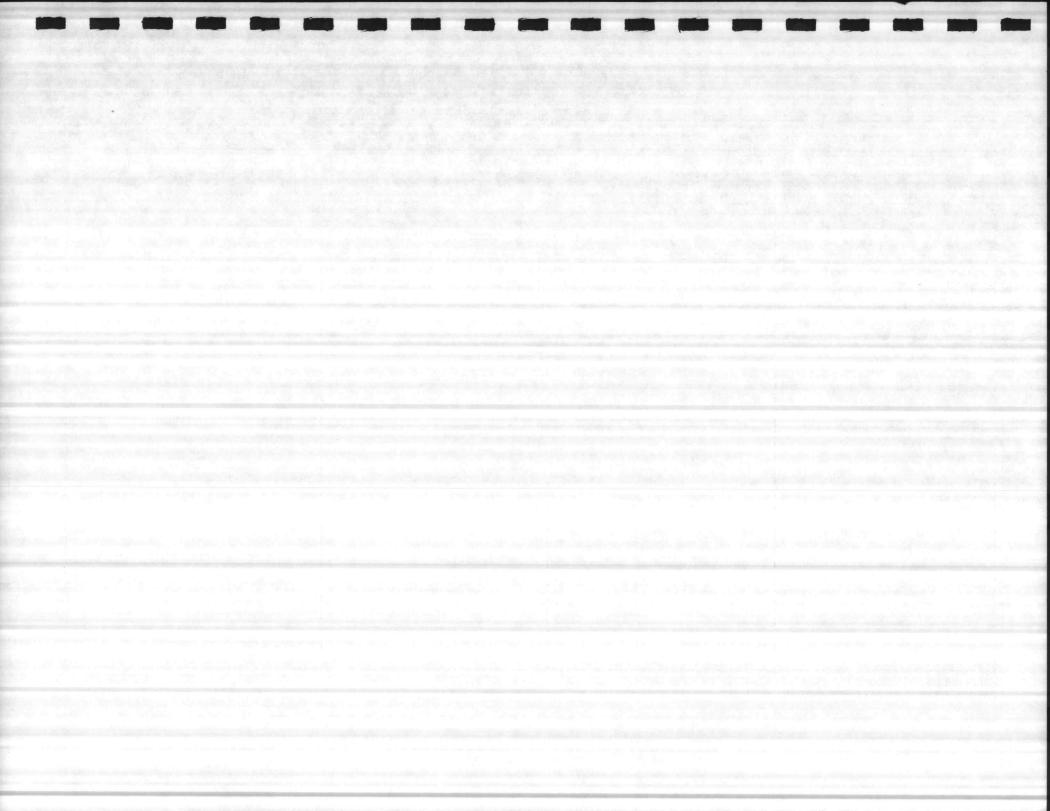
DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
	Yes Trees on eastern side of LZ may cause interference		
	Yes No ingress/egress over main magazine		
Distance from Supply Points POL (km)	3		
Restrictions on Maneuver Area Use Environmental AICUZ FAA. Noise. Gas/Chemical Pyrotechnics/Flare Time of Day Time of Year Other.			
Gas/Chemical Pyrotechnics/Flare Time of Day Time of Year			

FILE NAME: UP010015

PAGE 4 OF 5 DATE: 03/05/87

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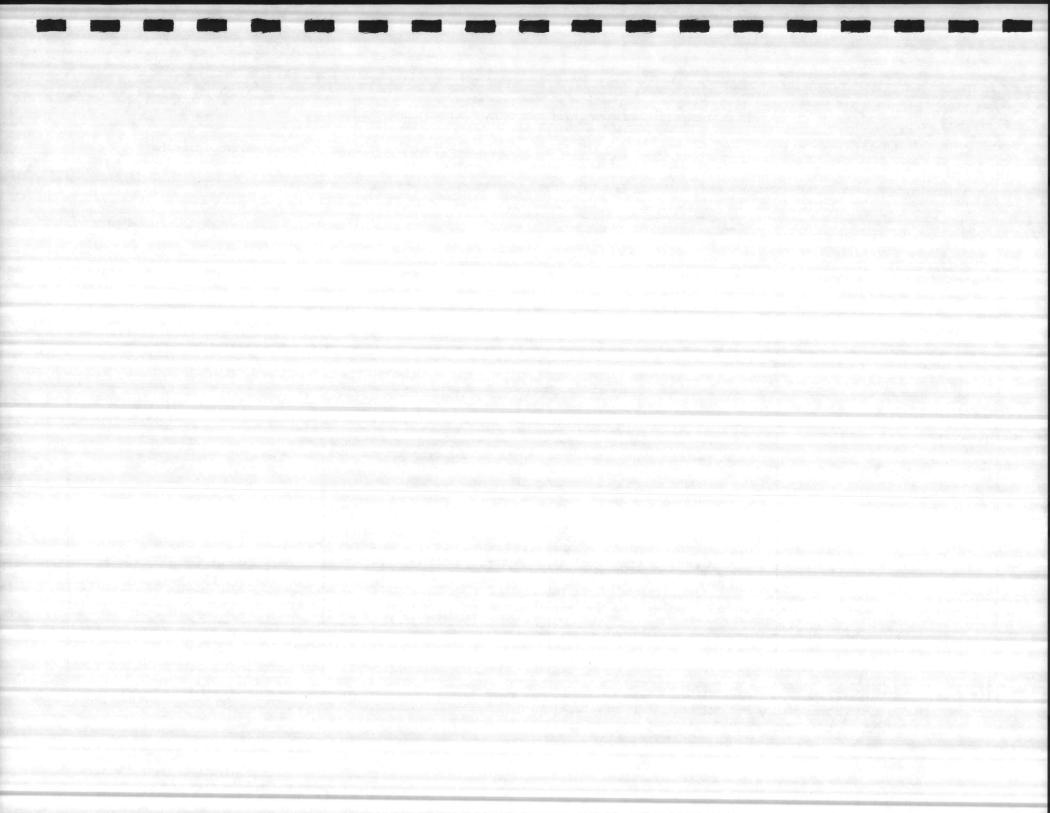
MANEUVER AREA MANAGER: D. J. Hashagen, Sr.



DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
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		Later and Company of Application and Applications (Company)	
			And the second s
	병상화한 경향이 모습하다는 사람이다.	[1] : [1] :	
	age Landing and a second and a second and a second and a second		and a company of the
	DATA ELEMENT	DATA ELEMENT PRESENT CHARACTERISTICS	DATA ELEMENT PRESENT CHARACTERISTICS (INCLUDE YEAR)

PAGE 5 OF 5 DATE: 03/05/87

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

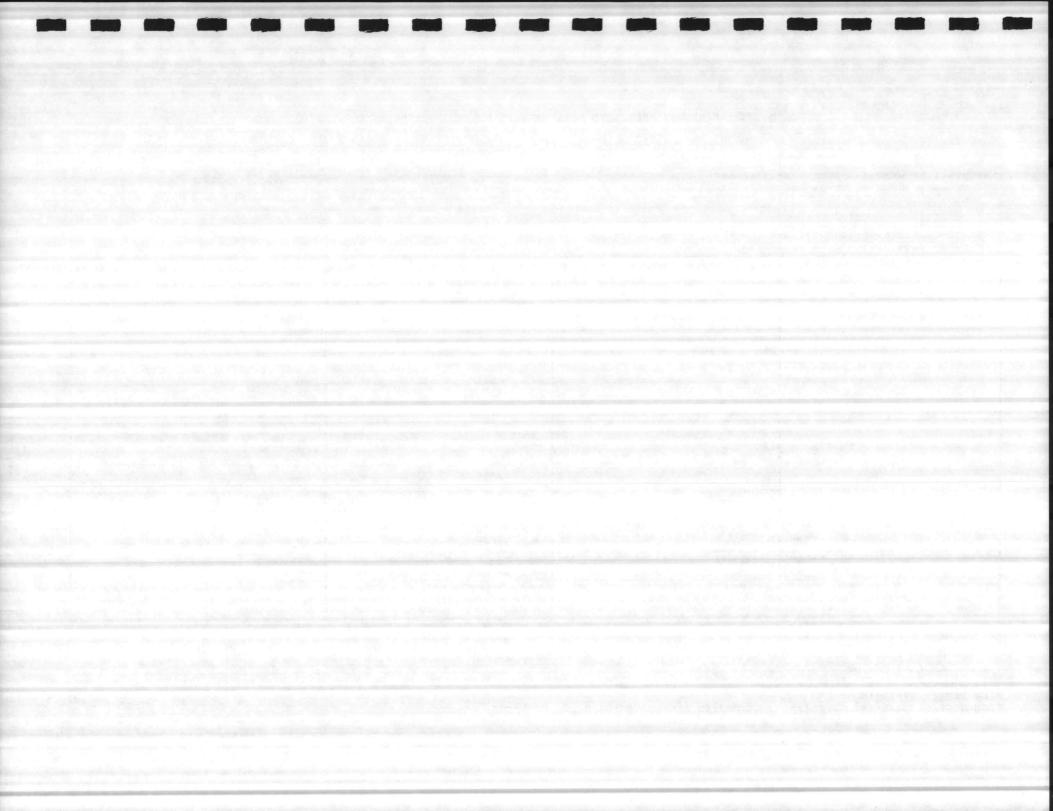


MANEUVER AREA NAME AND LOCATION: TLZ Lark Triangle Outpost TA-QA NAC TACAN 110.0/10.1 nm, MCB, Camp Lejeune, NC INSTRUCTIONS: One form for each maneuver area Fill in data elements as appropriate Use right column for new or improved maneuver areas needed		X Infantry X Artillery X Armor (LAVs, AAVs, Tanks) X Combined Arms X Communications Exercises X Logistics Exercises	X MAGTE FTX X Air-to-Ground Operations X Helicopter Operations Other	
DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)	
Range Shape and Dimensions Dimensions (km)	 Undefined			
Primary Direction of Fire	INA			
Coordinates	TP948386 			
	INORTH			
Associated Air Space Altitude (ft)				

FILE NAME: UP010016 PAGE 1 OF 5 DATE:

DATE: 03/05/87

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

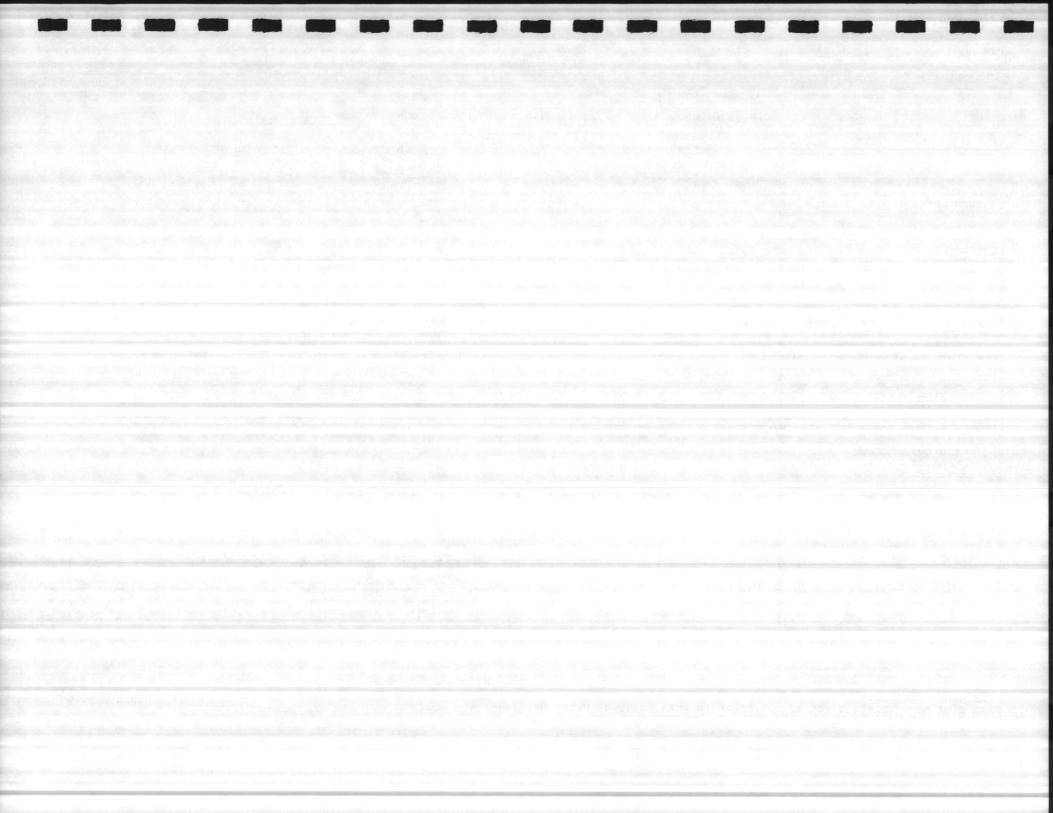


DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Climate Seasonal	X	NOT APPLICABLE	NOT APPLICABLE
Terrain Type Percentage Mountainous Percentage Rolling Percentage Swamp Percentage Desert Percentage Beach Percentage 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	150 10		

FILE NAME: UP010016 PAGE 2 OF 5 DATE:

DATE: 03/05/87

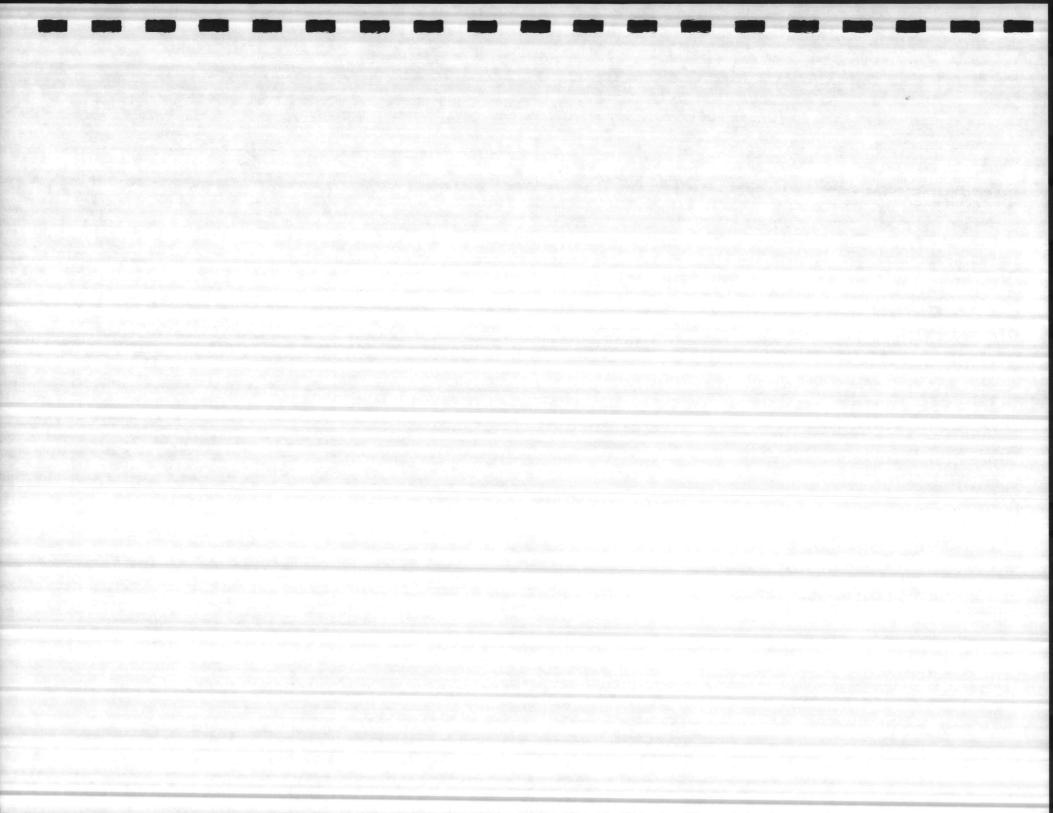
MANEUVER AREA MANAGER: D. J. Hashagen, Sr.



DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (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	Undefined		
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	5 	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	INA		

FILE NAME: UP010016
PAGE 3 OF 5 DATE: 03/05/87

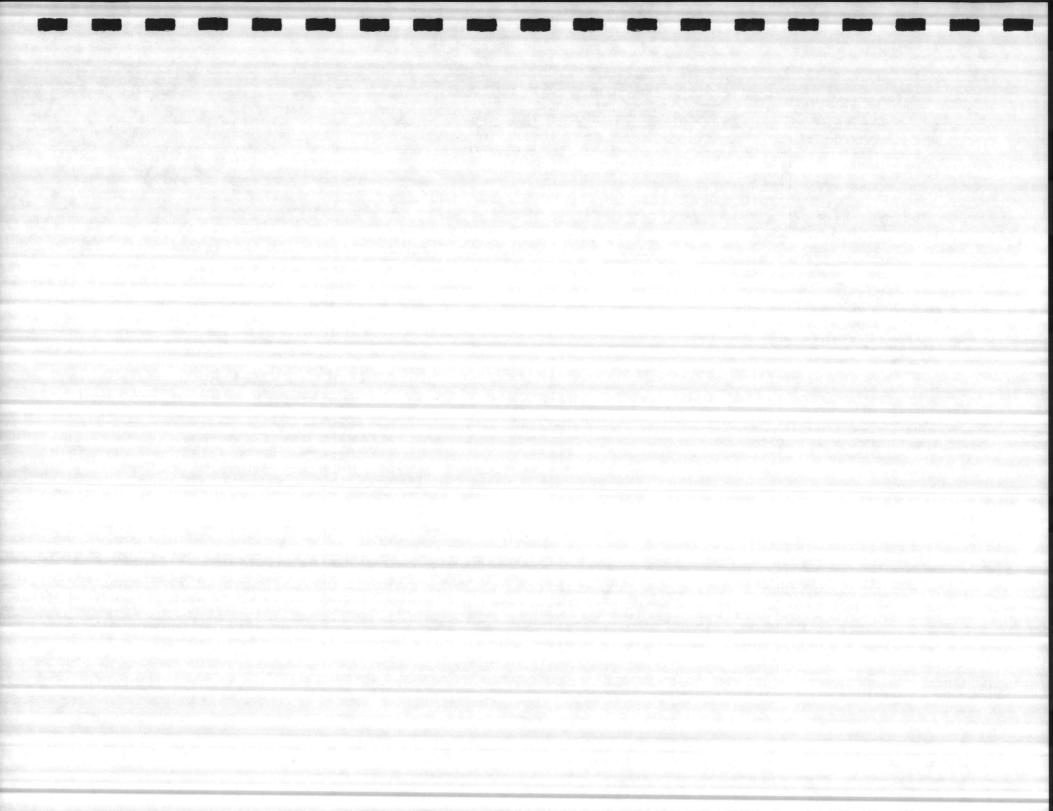
MANEUVER AREA MANAGER: D. J. Hashagen, Sr.



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	Yes Located on the edge of base limits near civilian housing units		
Are There Site-unique Re- quirements Placed on Using Units? Yes, No, Explain	NA		
Distance from Supply Points POL (km)	14		
Restrictions on Maneuver Area Use Environmental			

FILE NAME: UP010016
PAGE 4 OF 5 DATE: 03/05/87

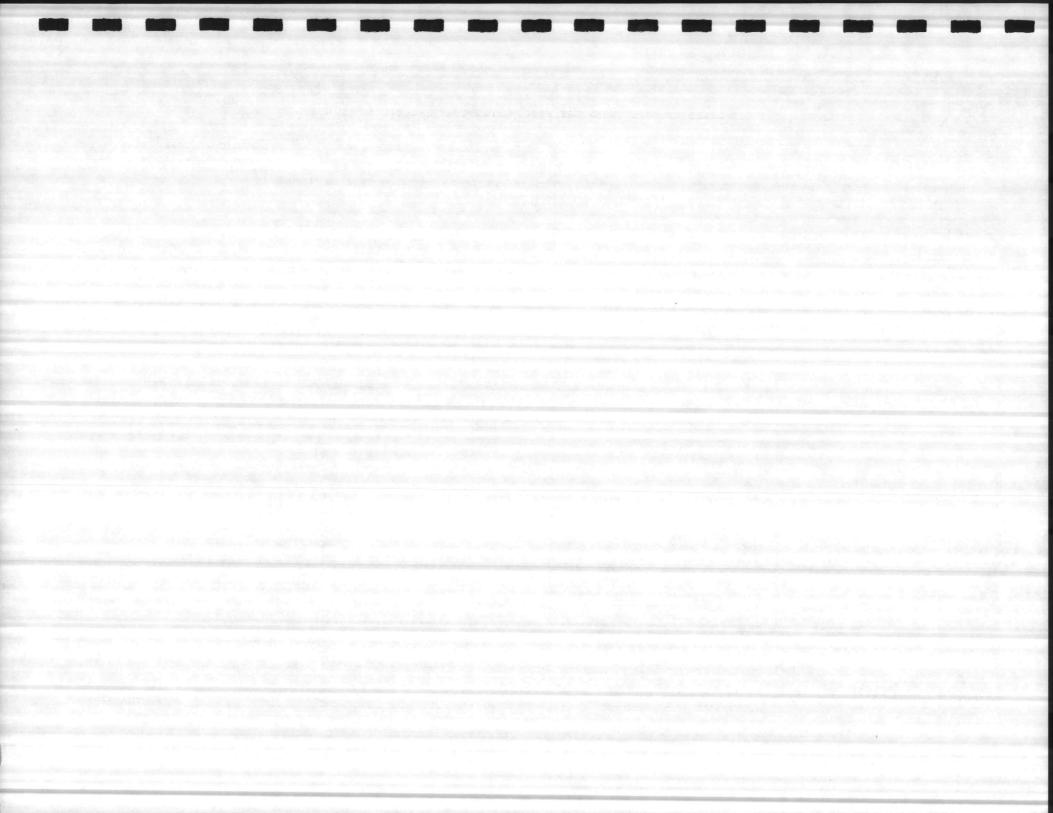
MANEUVER AREA MANAGER: D. J. Hashagen, Sr._



(INCLUDE YEAR)	(SPECIFY YEAR NEEDED IF APPLICABLE
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FILE NAME: UP010016

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

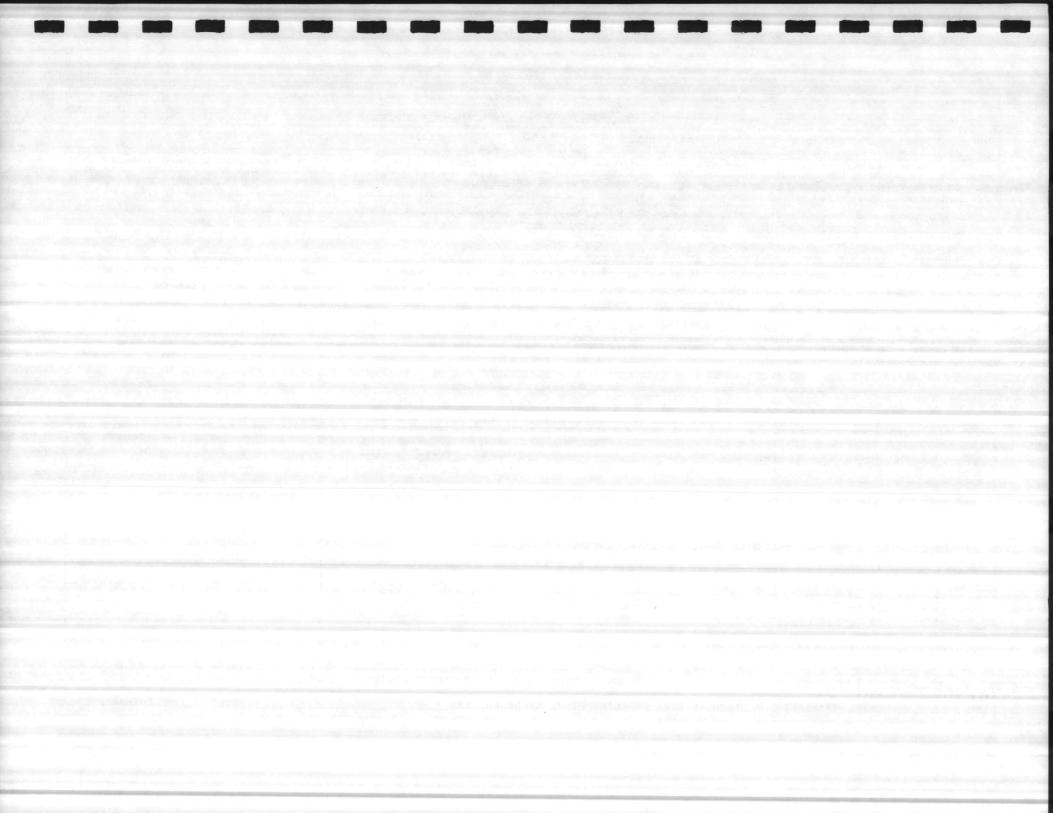


MANEUVER AREA NAME AND LOCATION: TLZ Owl LC Area TA-LC NAC TACAN 186.0/7.8 nm, MCB, Camp Lejeune, NC INSTRUCTIONS: One form for each maneuver area Fill in data elements as appropriate Use right column for new or improved maneuver areas needed		X Infantry X Artillery X Armor (LAVs, AAVs, Tanks) X Combined Arms	X Electronic Warfare X Amphibious Exercises X MAGTF FTX X Air-to-Ground Operations X Helicopter Operations Other
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	Undefined INA ITP762285 I I I I I I I I I I I I I I I I I I I		
Associated Air Space Altitude (ft)		ì	
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	l		

FILE NAME: UP010017

PAGE 1 OF 5 DATE: 03/05/8

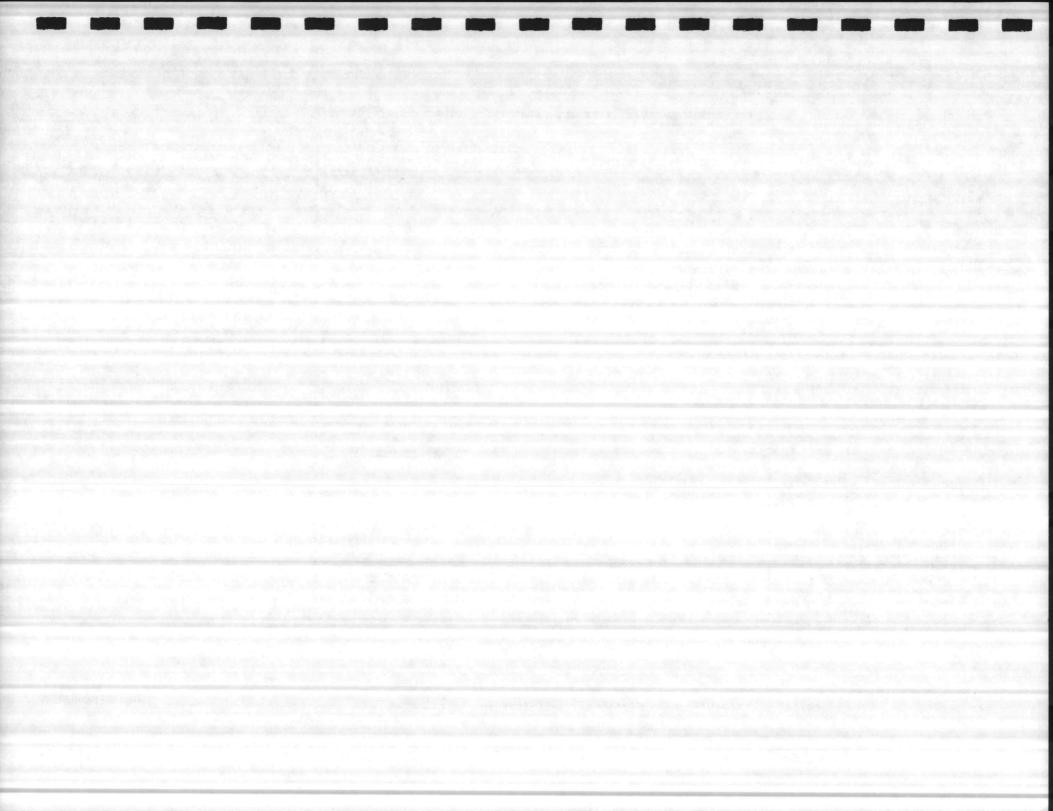
DATE: 03/05/87 MANEUVER AREA MANAGER: D. J. Hashagen, Sr._



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)		NOT APPLICABLE	NOT APPLICABLE
Terrain Type Percentage Mountainous Percentage Rolling Percentage Swamp Percentage Desert Percentage Beach Percentage Level Percentage Water	1100	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	140		

FILE NAME: UP010017
PAGE 2 OF 5 DATE: 03/05/87 PAGE 2 OF 5

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

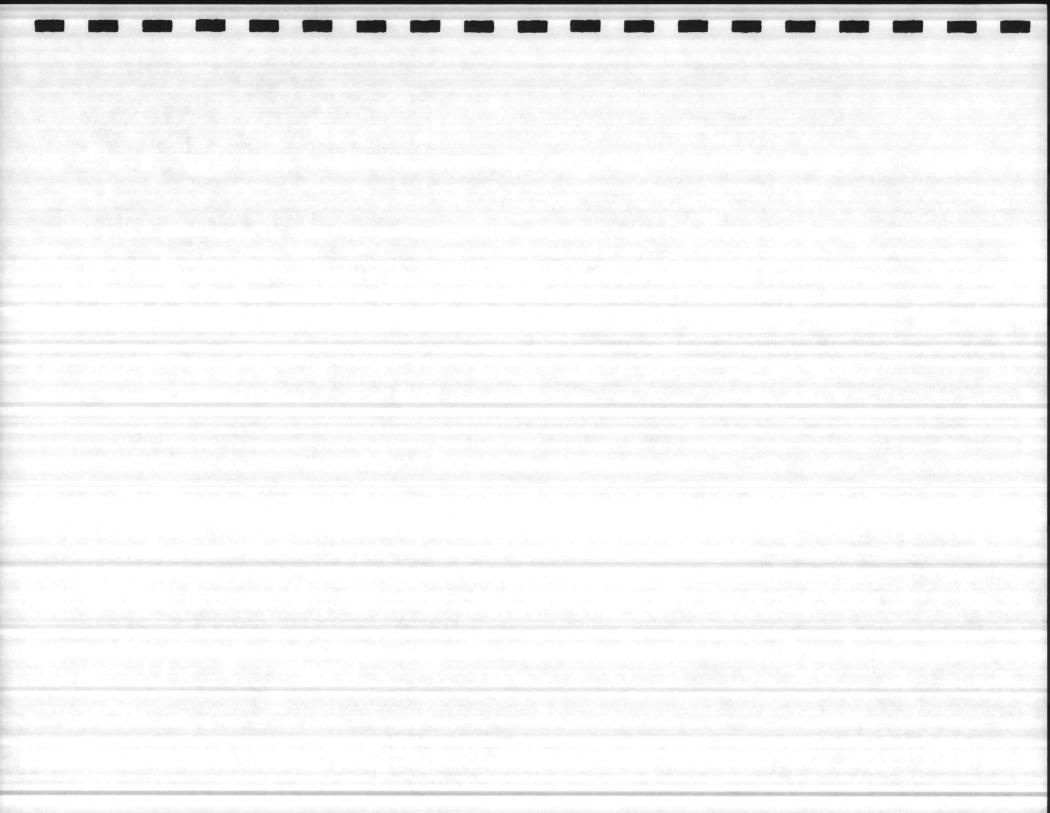


PRESENT CHARACTERISTICS	(INCLUDE YEAR)	(SPECIFY YEAR NEEDED IF APPLICABLE)
Undefined Undefined		
360		
5	0	0
Yes		
NA		
	Undefined 360 5 5 7es	Undefined

FILE NAME: UP010017

PAGE 3 OF 5 DATE: 03/05/87

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



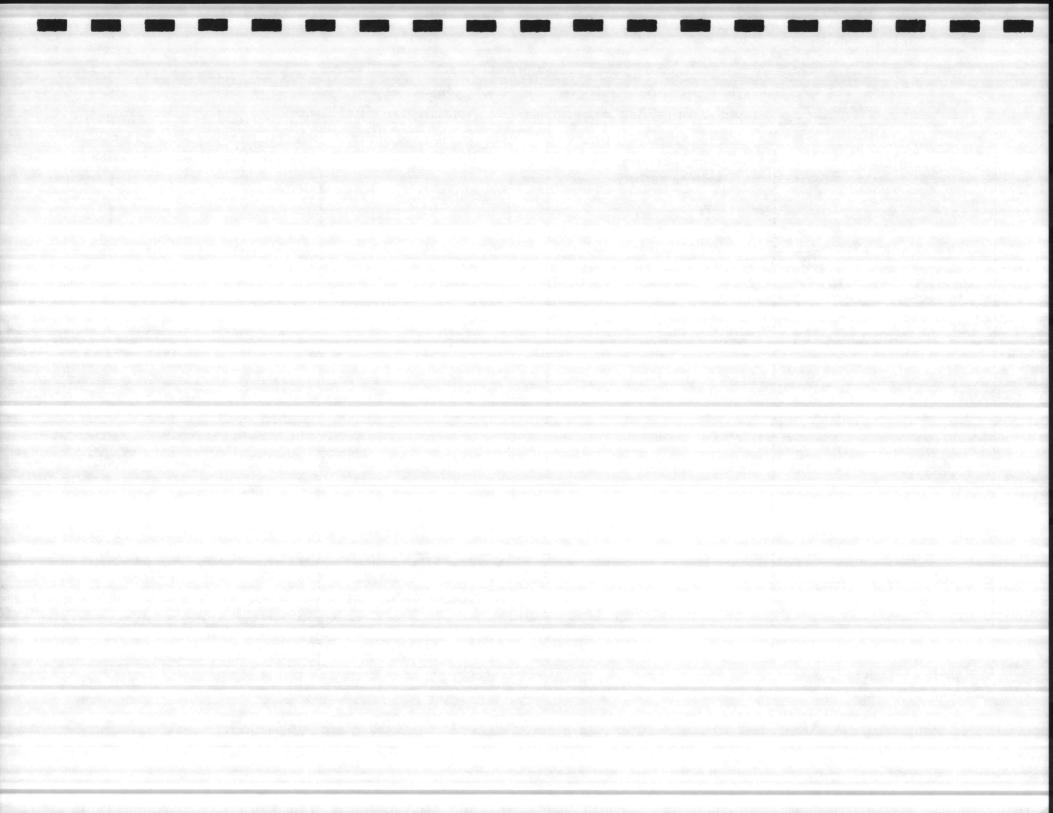
DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Are There Site-unique Features (Waivers to Man- euver Area Standards, Safety, etc.)? Yes, No, Explain	Yes Dense trees surround LZ 		
Are There Site-unique Requirements Placed on Using Units? Yes, No, Explain	NA		
Distance from Supply Points POL (km) Ammunition (km) Rations (km)	130		
Restrictions on Maneuver Area Use Environmental AICUZ	■ 1988 1.1 1986 1.1 1991 E.S. E.S. E.		
Noise Gas/Chemical Pyrotechnics/Flare Time of Day Time of Year Other			

FILE NAME: UP010017

PAGE 4 OF 5 DATE: 03/05/87

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

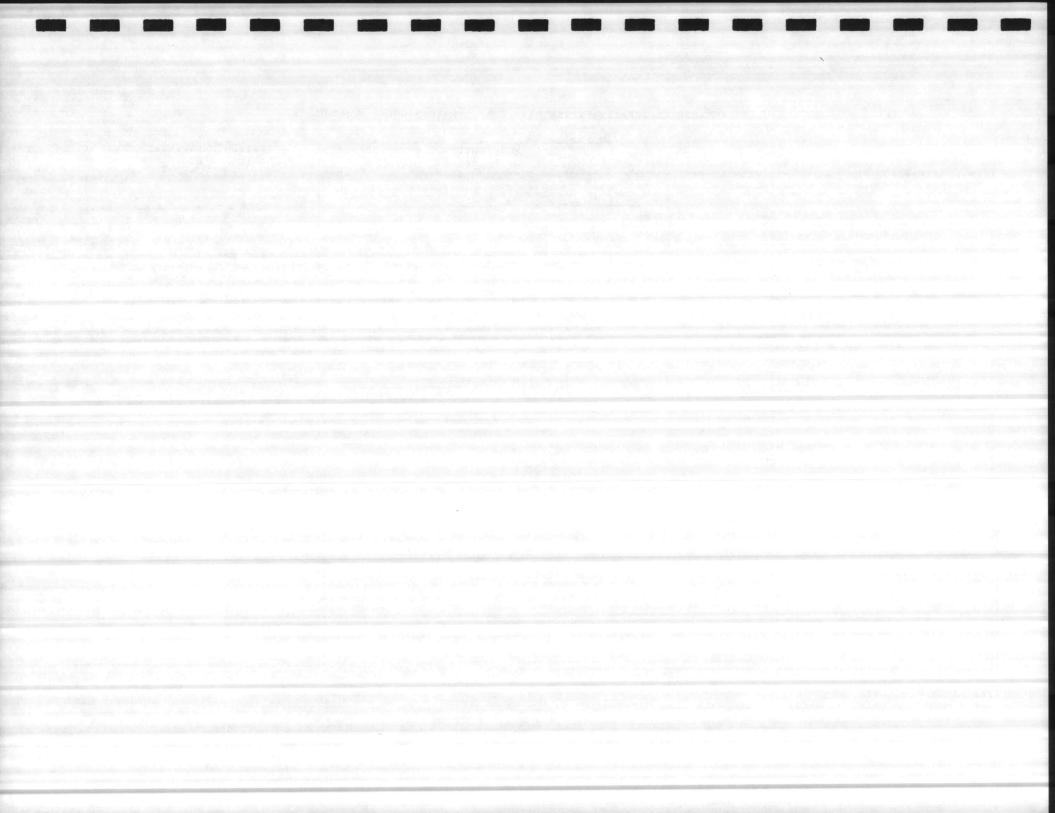
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DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICAB
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	 Boston State (September 1997) and description of the control of the		
		나 나를 잃었다면 하는 사람들은 사람들이 되었다.	

FILE NAME: UP010017

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



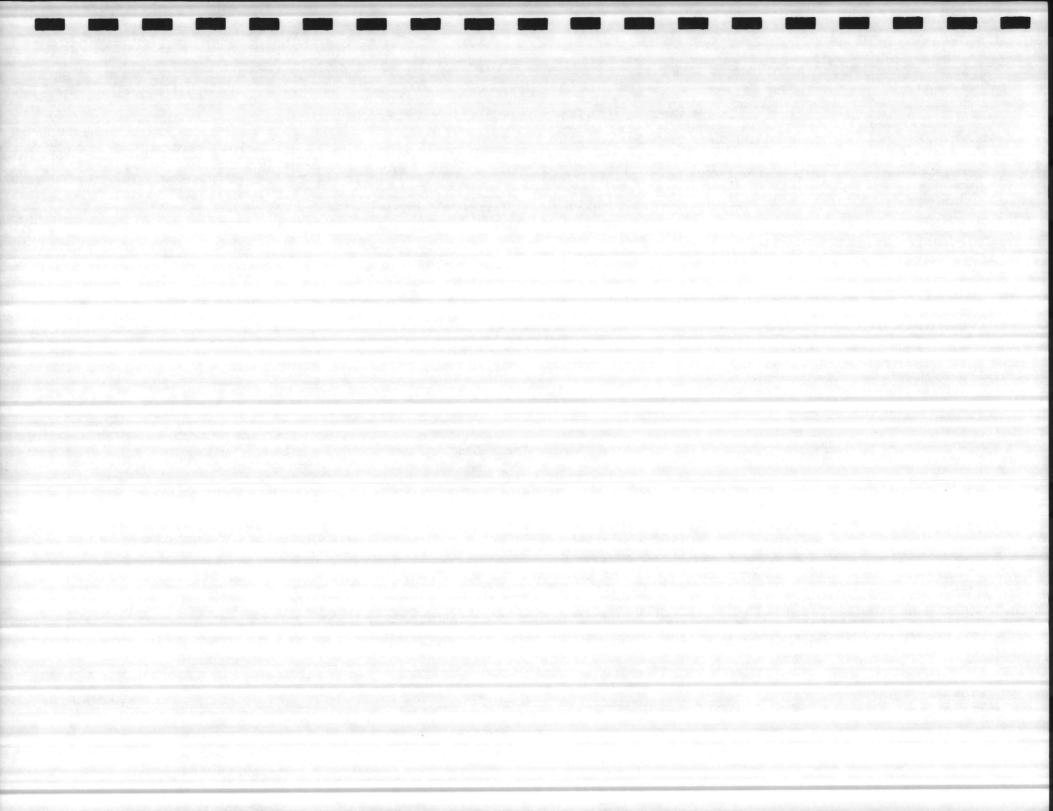
SUBMITTED BY: D. J. Hashagen, Sr., DRCO, AV 484-2102	х	Infantry	PE MANEUVER	AREA: Electronic Warfare
MANEUVER AREA NAME AND LOCATION: TLZ Parrot MB Area TA-MB NAC TACAN 185.0/2.1 nm, MCB, Camp Lejeune, NC		Artillery Armor (LAVs, AAVs, To Combined Arms Communications Exercises Logistics Exercises	anks) X X ises X	Amphibious Exercises MAGTF FTX Air-to-Ground Operations Helicopter Operations 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)
Undefined		
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	Undefined	PRESENT CHARACTERISTICS (INCLUDE YEAR) Undefined ITP766392 I/\ INORTH I17,999 INA

FILE NAME: UP010018 PAGE 1 OF 5 DATE:

DATE: 03/05/87

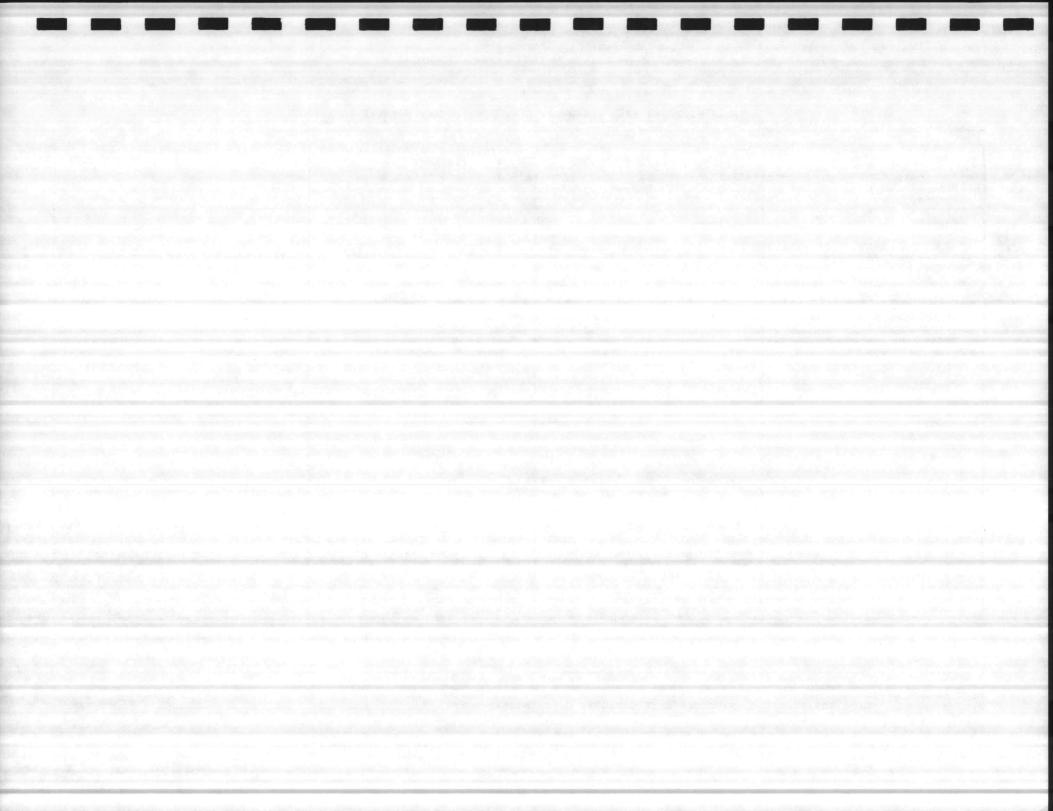
MANEUVER AREA MANAGER: D. J. Hashagen, Sr.



DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (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	195 	NOT APPLICABLE	NOT APPLICABLE
Vegetation Percentage None Percentage Sparse Percentage Moderate Percentage Heavy	130		

FILE NAME: UP010018
PAGE 2 OF 5 DATE: 03/05/87

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

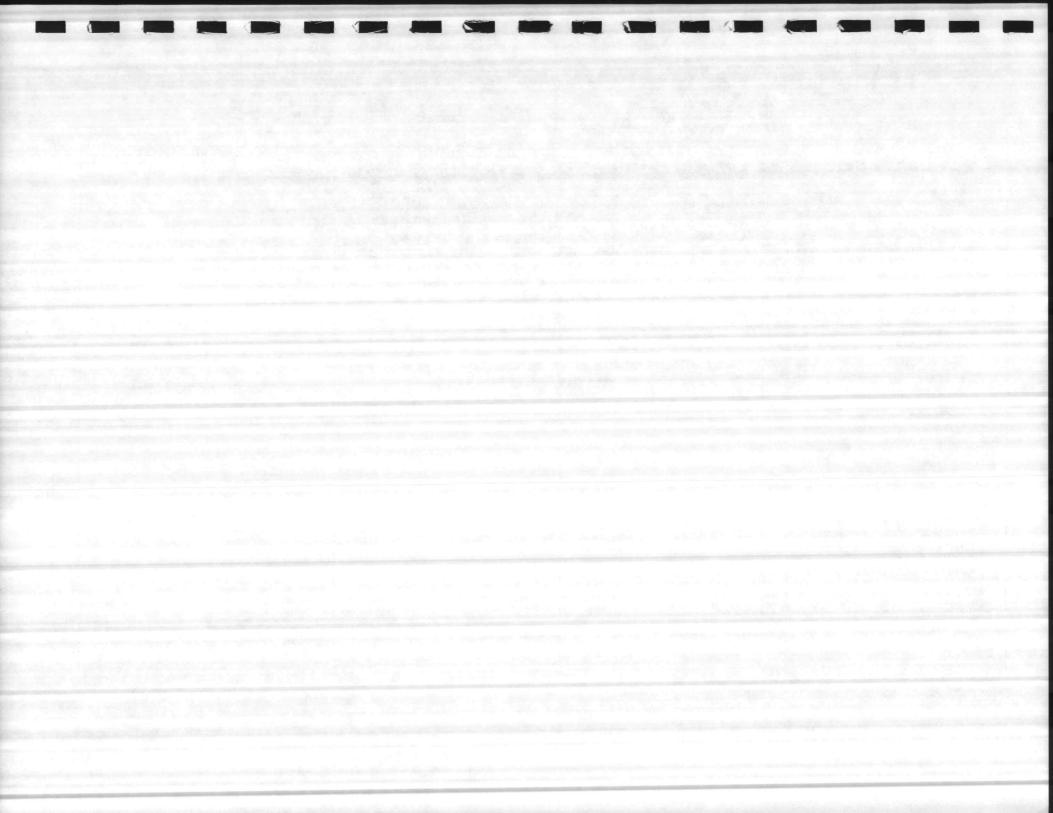


DATA ELEMENT	DATA ELEMENT PRESENT CHARACTERISTICS		DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
List Capacity of an 8-Hour Training Day. Specify: Unit of Measure, e.g., No. of Bns/Sqdns No. of Aircraft/Helos No. of AAVs/LCACs as Appropriate	Undefined		
Number of Days per Year the Maneuver Area is Available	 360 		
Non-availability per Year Total Maintenance Weather Budget Fire Condition/Weather Weekends/Holidays Other	5 	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	NA		

FILE NAME: UP010018

PAGE 3 OF 5 DATE: 03/05/87

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

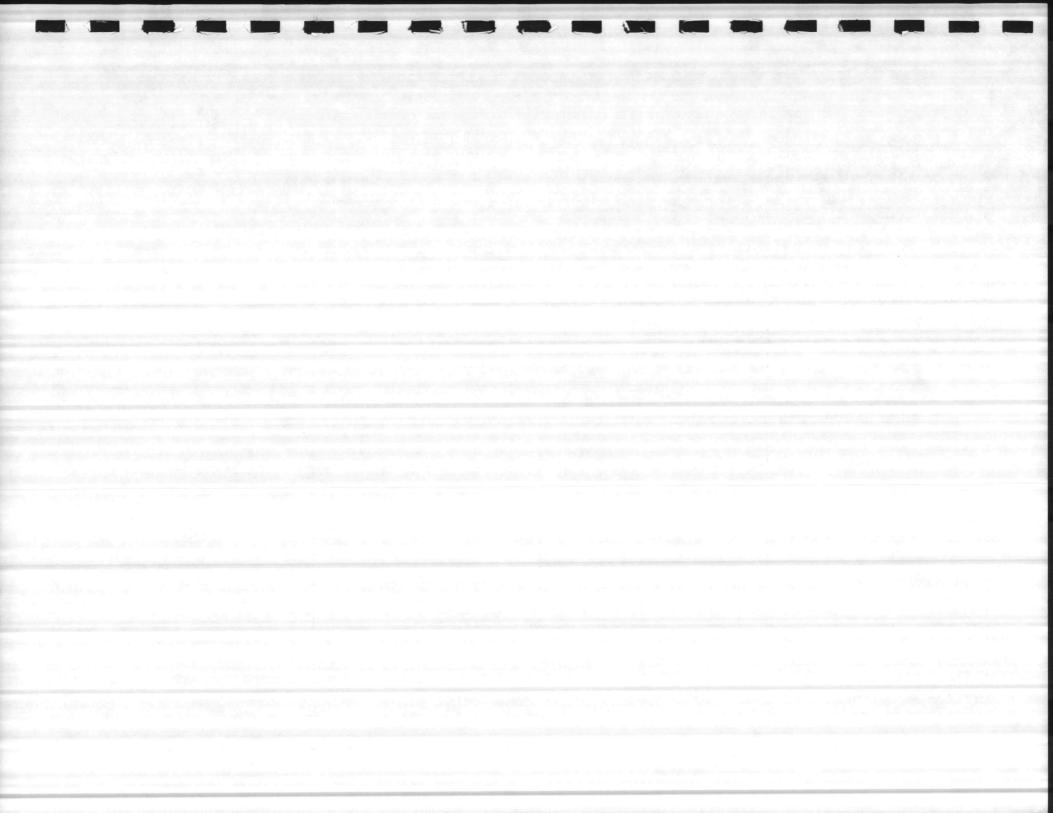


DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
re There Site-unique Features (Waivers to Man- euver Area Standards, Safety, etc.)? Yes, No, Explain	Yes Swampy terrain in northeast portion of LZ ASP located directly north of LZ		
re There Site-unique Re- quirements Placed on Using Units? Yes, No, Explain	 NA 		
istance from Supply Points POL (km)	[31		
estrictions on Maneuver Area Use Environmental			

FILE NAME: UP010018

PAGE 4 OF 5 DATE: 03/05/87

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

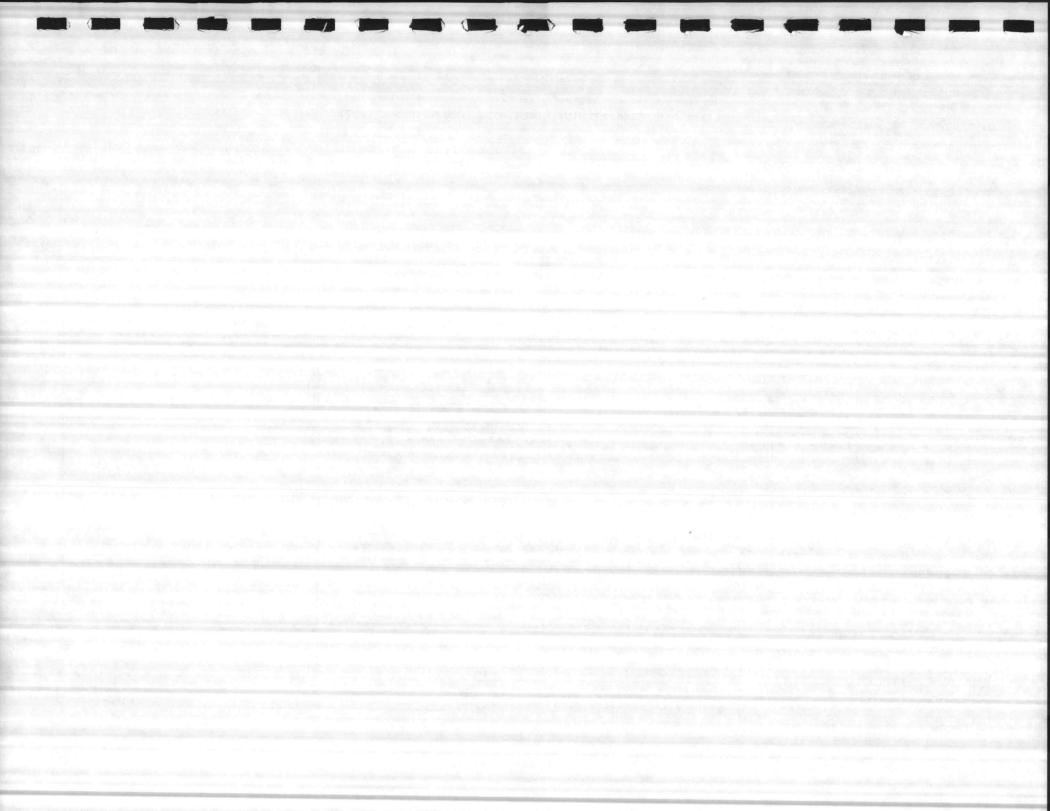


DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
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FILE NAME: UP010018

PAGE 5 OF 5 DATE: 03/05/87

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



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

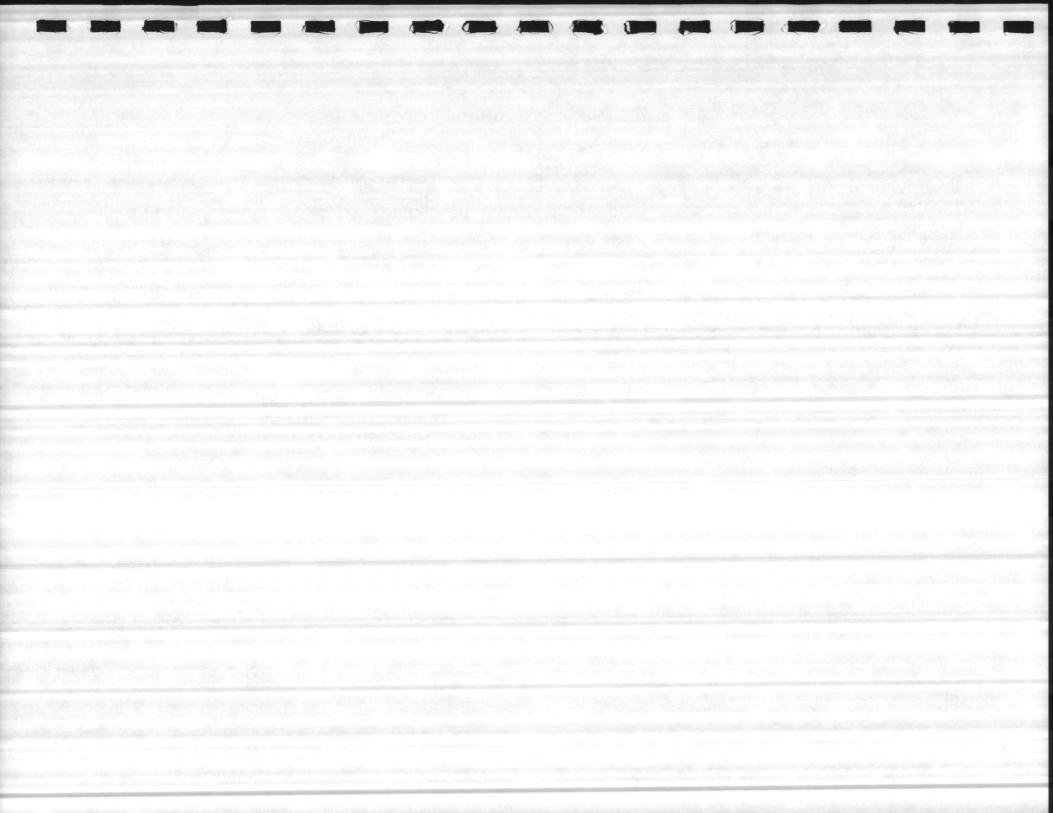
SUBMITTED BY: D. J. Hashagen, Sr., DRCO, AV 484-2102	X Infantry TYPE MANE	CUVER AREA:EUVER AREA:
MANEUVER AREA NAME AND LOCATION: TLZ Penguin FD Area TA-FD NAC TACAN 118.0/7.9 nm, MCB, Camp Lejeune, NC	X Artillery X Armor (LAVs, AAVs, Tanks) X Combined Arms X Communications Exercises	Amphibious Exercises
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)	Undefined		
Primary Direction of Fire Coordinates	NA - TP980375 		
	 /\ /\ NORTH		
Associated Air Space Altitude (ft)	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			

FILE	NAME:	UP01	0019

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)	Undefined	NOT APPLICABLE	NOT APPLICABLE
Terrain Type Percentage Mountainous Percentage Rolling	00 5 5	NOT APPLICABLE	NOT APPLICABLE
Soil Type Percentage Rock	.00 Yes	NOT APPLICABLE	NOT APPLICABLE
Vegetation			

FILE NAME: UP010019 PAGE 2 OF 5 DATE:

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

		THE REAL CONTRACTOR

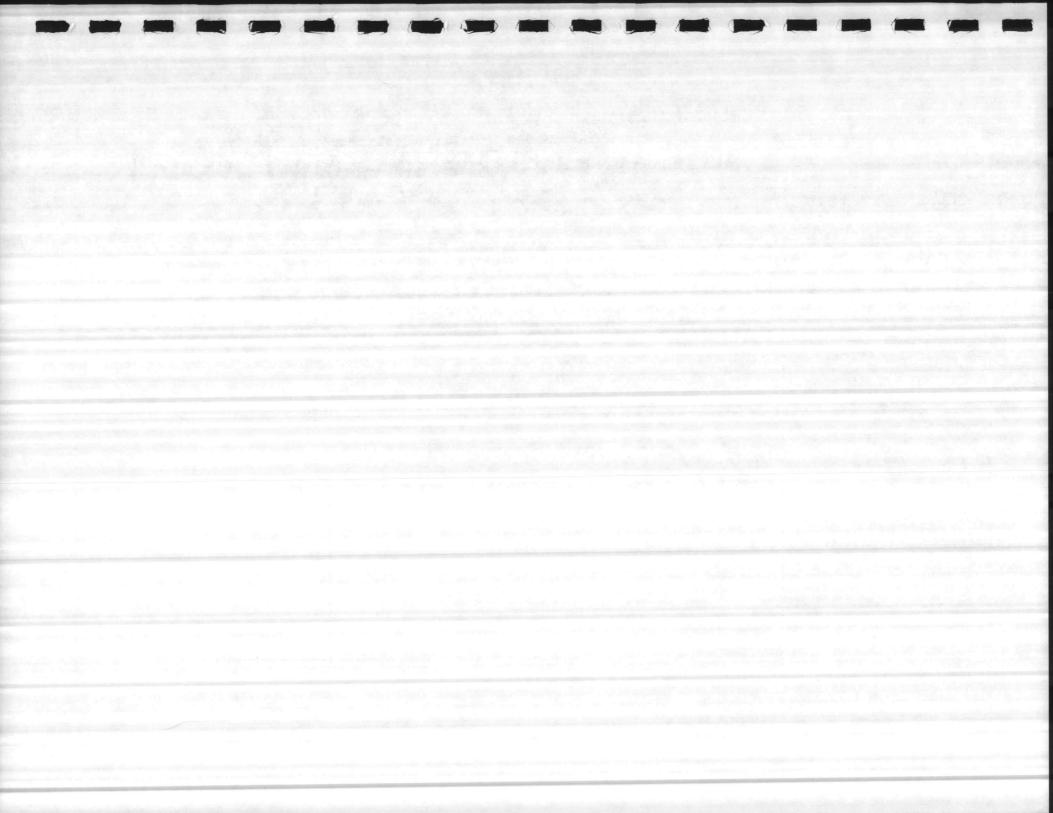
AMEDVER AREA MANAGER; D. J. Hashamen, Sr

PAGE 5 0F 5 0ATE: 03/05/8:

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	Undefined				
 Number of Days per Year the Maneuver Area is Available	360				
Non-availability per Year Total	5 		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	GP-6				

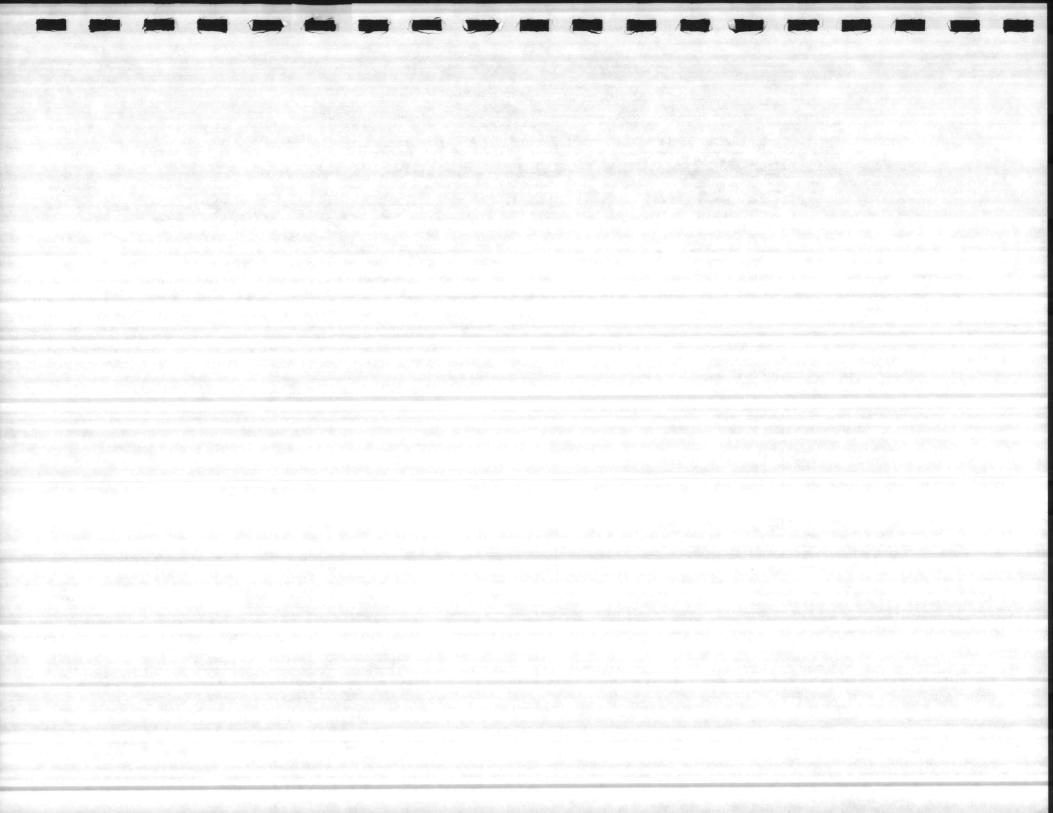
FILE NAME: UP010019 PAGE 3 OF 5 DATE:

DATE: 03/05/87



DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Features (Waivers to Man-	Yes Parachute operations capable Located on northern edge of G-10 impact area		
Are There Site-unique Requirements Placed on Using Units? Yes, No, Explain	 		
Distance from Supply Points POL (km)	17		
Restrictions on Maneuver Area Use Environmental			
Pyrotechnics/Flare Time of Day Time of Year Other			

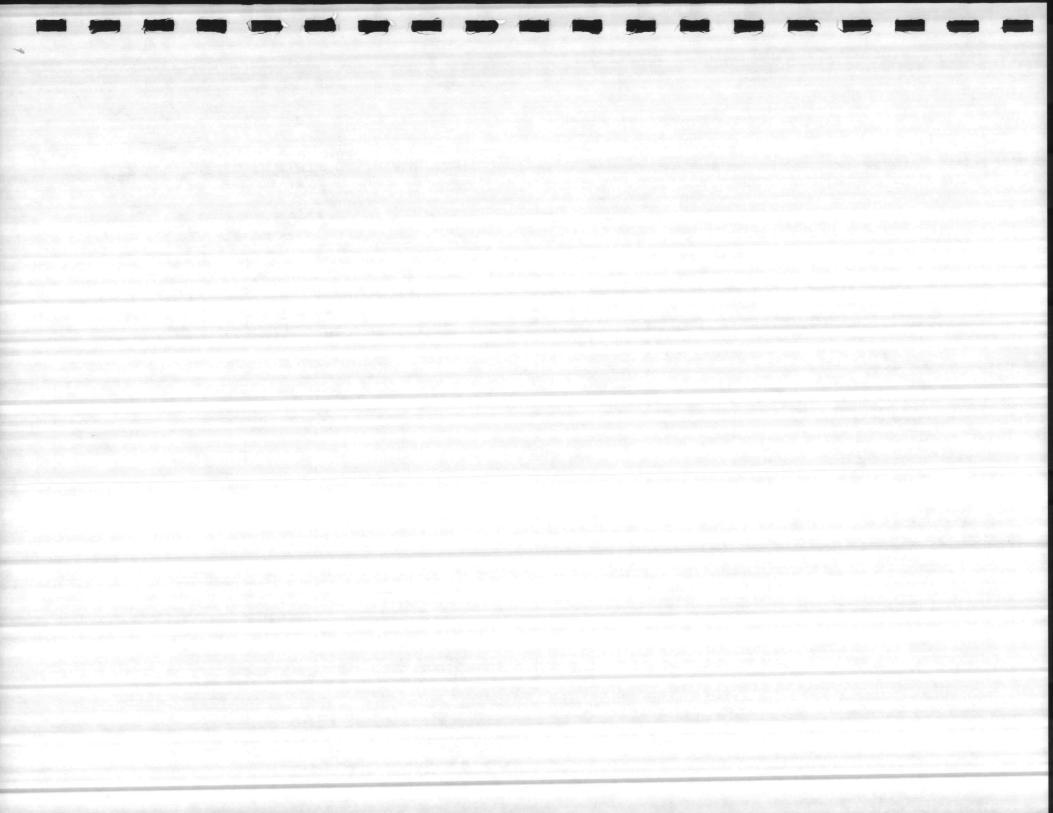
PAGE 4 OF 5 DATE: 03/05/87 MANEUVER AREA MANAGER: D. J. Hashagen, Sr.



DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE
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FILE NAME: UP010019
PAGE 5 OF 5 DATE: 03/05/87

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

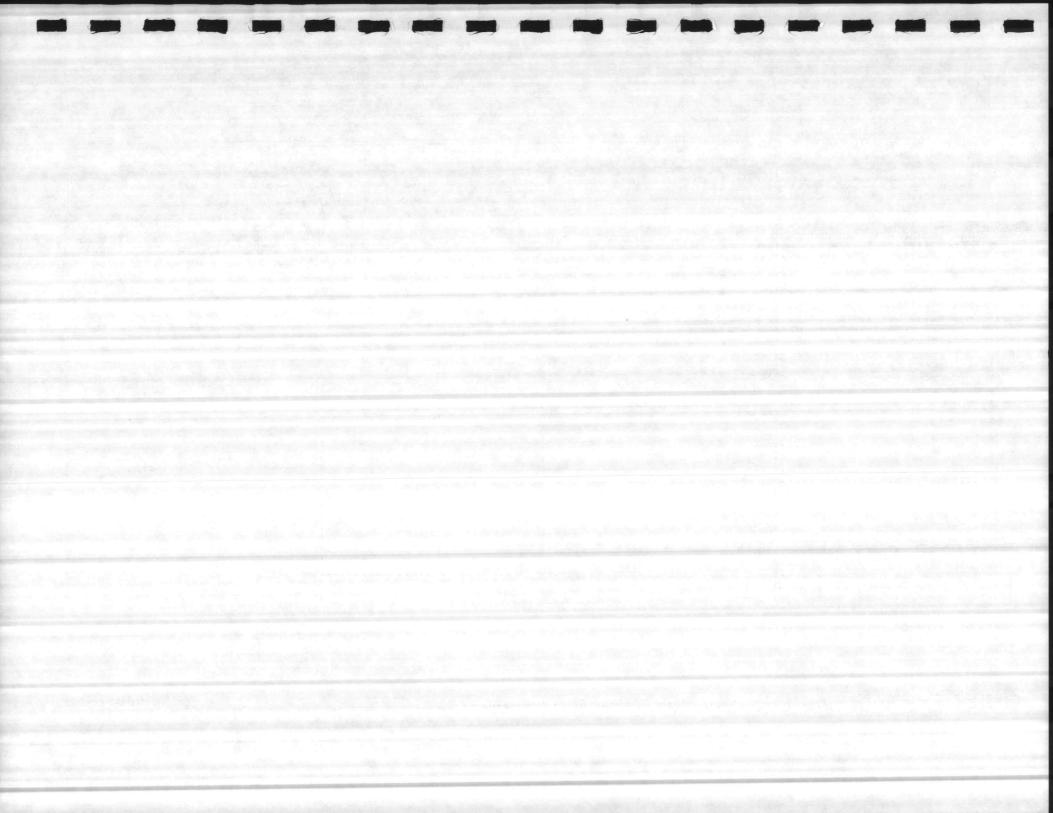


LATAR MANEUVER AREA INVENTORY DATA FORM (UTMAS-P-0001)

SUBMITTED BY: D. J. Hashagen, MANEUVER AREA NAME AND LOCATION Hubert Area TA-QA NAC TACA MCB, Camp Lejeune, NC INSTRUCTIONS: One form for each maneuver a Fill in data elements as app Use right column for new or	: TLZ Robin N 97.0/11.0 nm, rea ropriate	X Artillery X Armor (LAVs, AAVs, Tanks) X Combined Arms X Communications Exercises	X Electronic Warfare X Amphibious Exercises
DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Primary Direction of Fire Coordinates	Undefined INA ITP951428 I		
		···········	
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: UP010020 PAGE 1 OF 5 DATE:

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

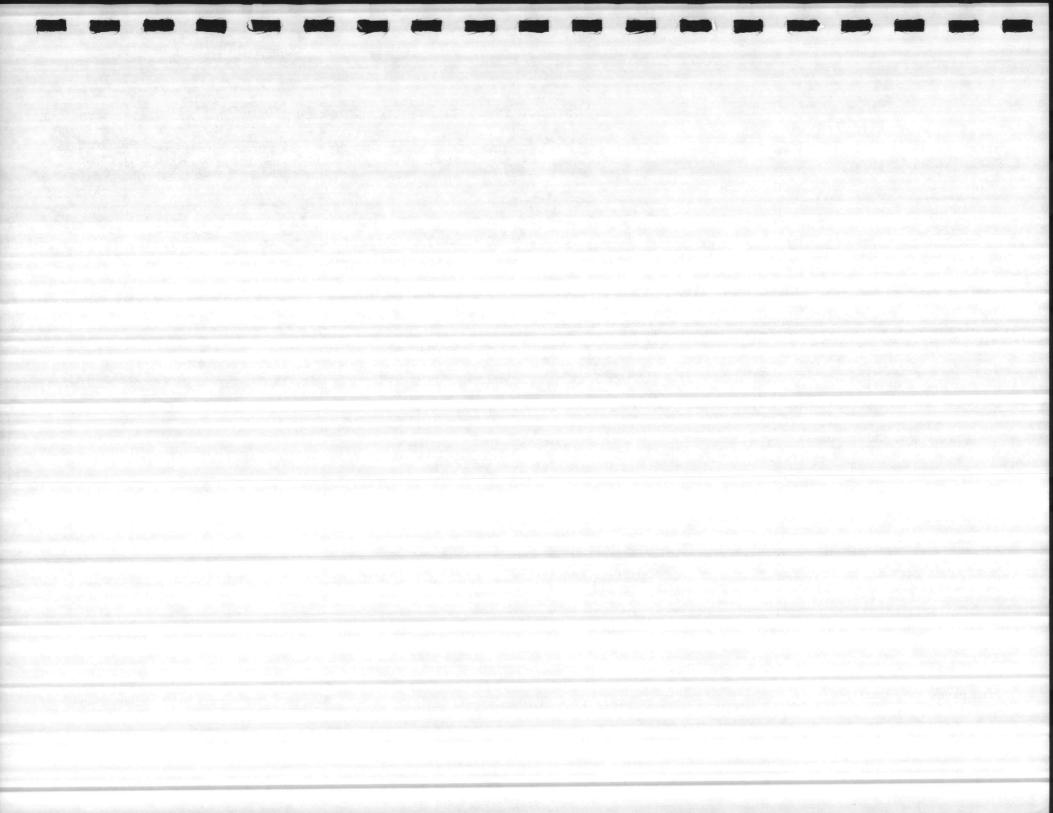


DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Climate Seasonal		NOT APPLICABLE	NOT APPLICABLE
Terrain Type Percentage Mountainous Percentage Rolling Percentage Swamp Percentage Desert Percentage Beach Percentage 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	100		

FILE	NAME:	UP01	0020

PAGE 2 OF 5 DATE: 03/05/87

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

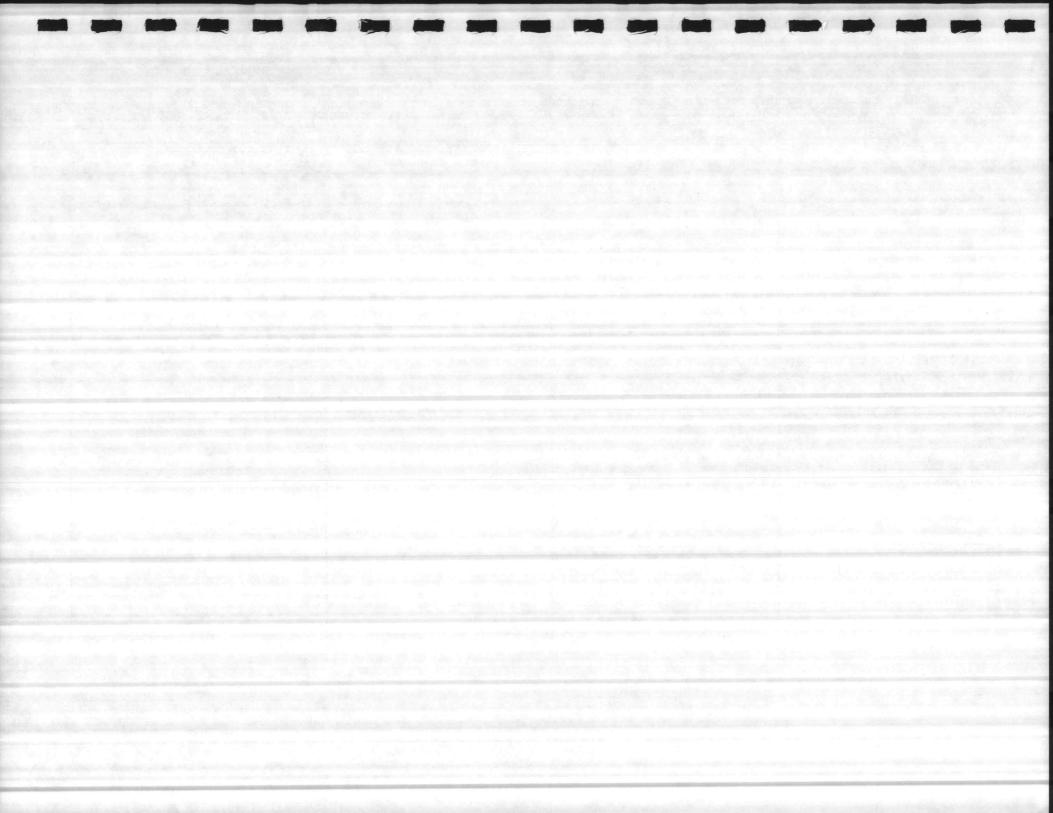


DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS
List Capacity of an 8-Hour Training Day. Specify: Unit of Measure, e.g., No. of Bns/Sqdns No. of Aircraft/Helos No. of AAVs/LCACs	Undefined		
Number of Days per Year the Maneuver Area is Available	360 		
Non-availability per Year Total Maintenance Weather Budget Fire Condition/Weather Weekends/Holidays Other		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	NA .		

FILE NAME: UP010020

PAGE 3 OF 5 DATE: 03/05/87

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

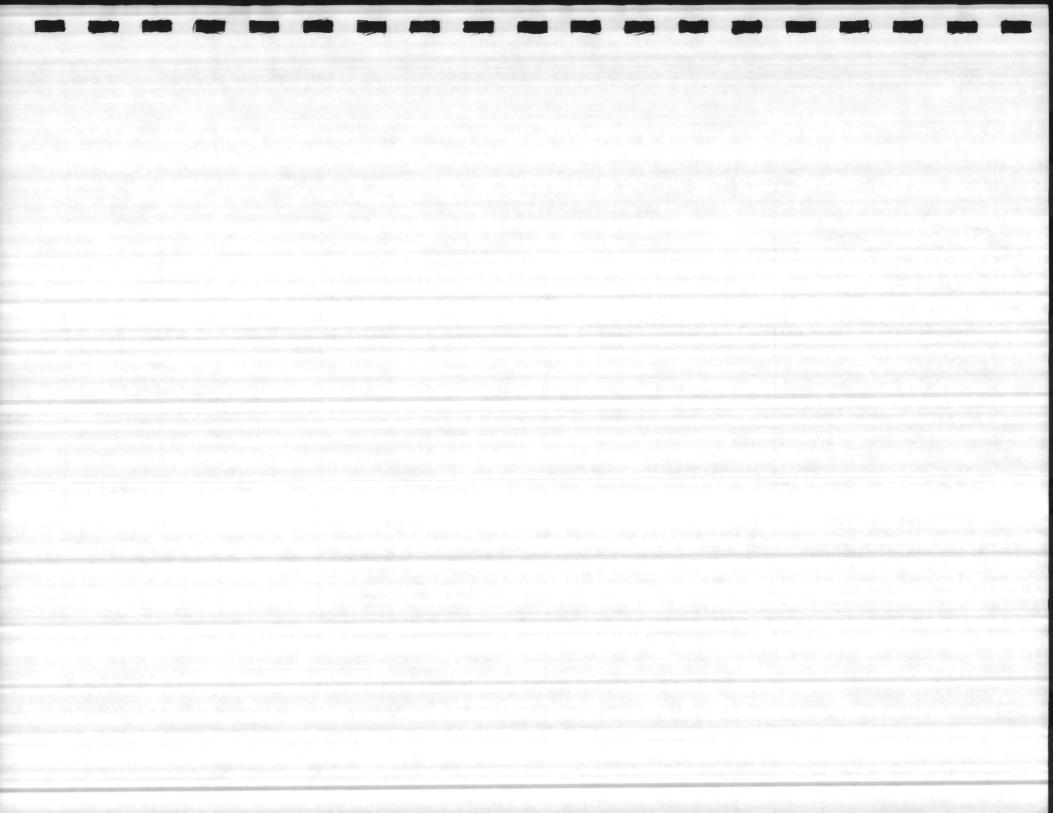


DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Are There Site-unique Features (Waivers to Man- euver Area Standards, Safety, etc.)? Yes, No, Explain	Yes Water tower 800 m northeast of landing zone Located adjacent to major highway lined with civilian housing units		
Are There Site-unique Requirements Placed on Using Units? Yes, No, Explain			
Distance from Supply Points POL (km)	[15		
Restrictions on Maneuver Area Use Environmental			

FILE NAME: UP010020

PAGE 4 OF 5

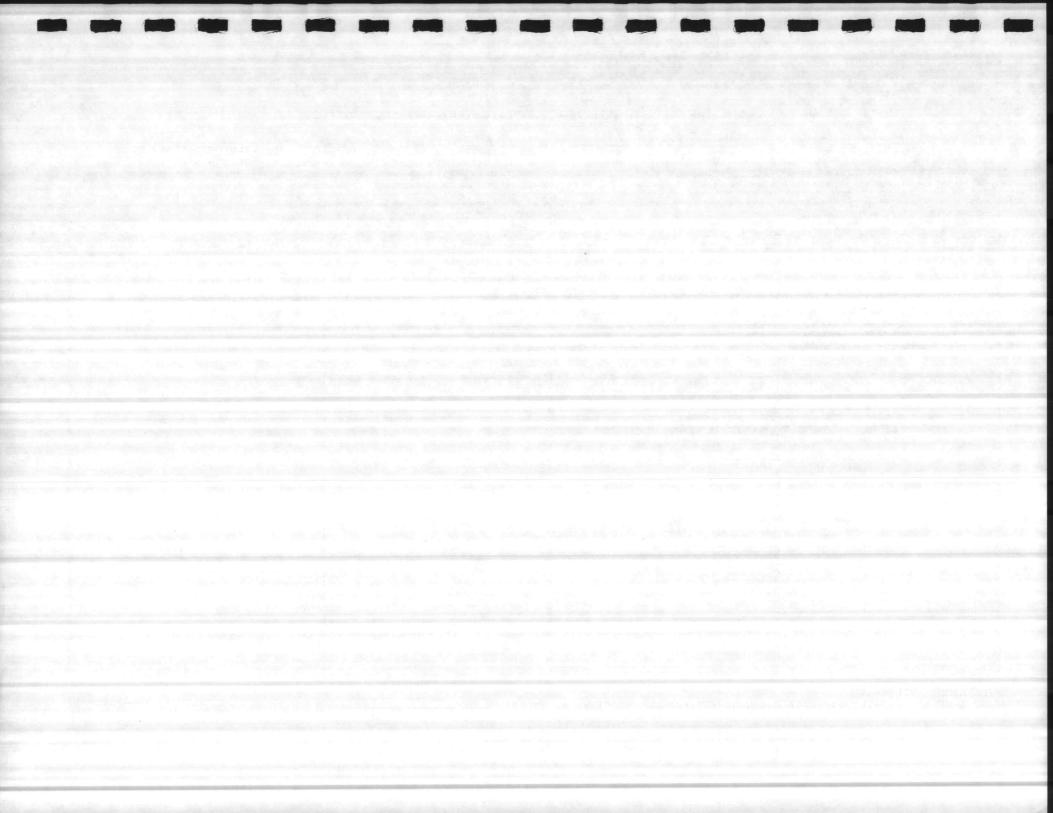
DATE: 03/05/87 MANEUVER AREA MANAGER: D. J. Hashagen, Sr.



DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
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FILE NAME: UP010020 PAGE 5 OF 5 DATE: DATE: 03/05/87

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



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

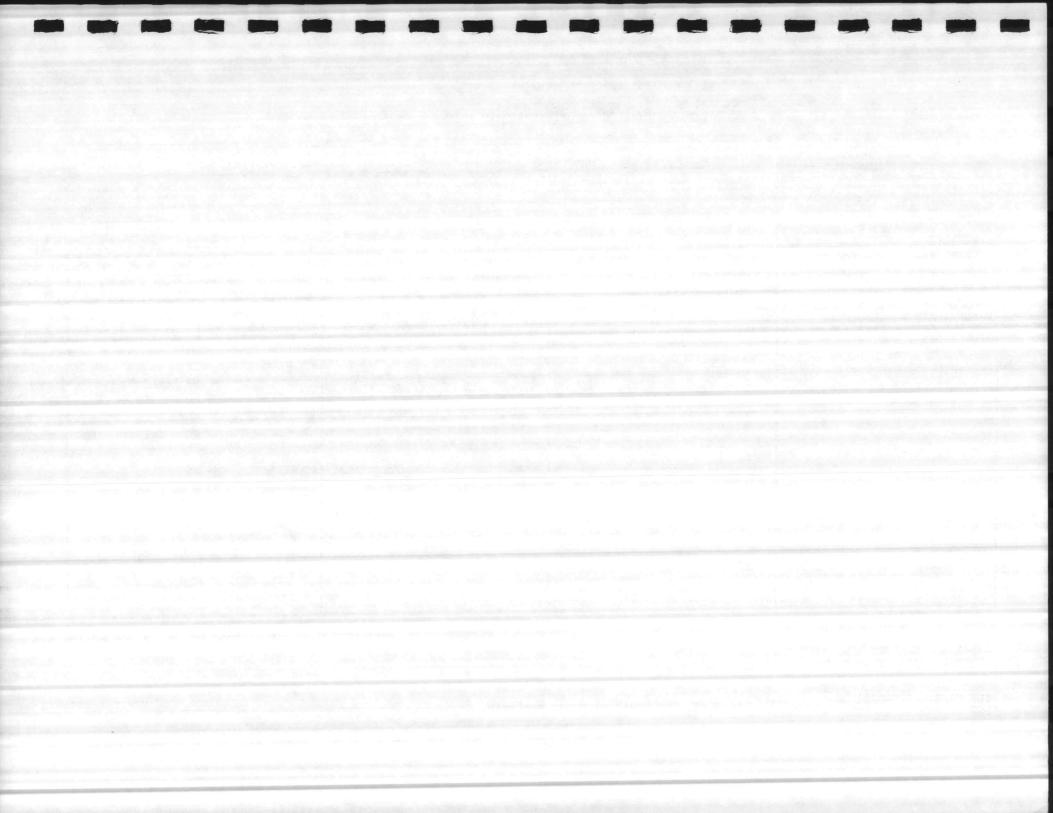
SUBMITTED BY: D. J. Hashagen, Sr., DRCO, AV 484-2102	TYPE MANEUVER AREA:
	X Infantry X Electronic Warfare
그래요? 하는 마양하다 경험 가장 하면 생활하다면 생활하는 생활하는 생활하는 사람들이 모든 사람들이 되었다.	X Artillery X Amphibious Exercises
MANEUVER AREA NAME AND LOCATION: TLZ Sparrow	X Armor (LAVs, AAVs, Tanks) X MAGTF FTX
DB Area TA-DB NAC TACAN 116.0/5.2 nm,	X Combined Arms X Air-to-Ground Operations
MCB, Camp Lejeune, NC	X Communications Exercises X Helicopter Operations
	X Logistics Exercises X 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)
 Undefined		
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	Undefined	PRESENT CHARACTERISTICS (INCLUDE YEAR) Undefined INA ITP853398 // INORTH

FILE	NAME:	UP010021

PAGE 1 OF 5 DATE: 03/05/87

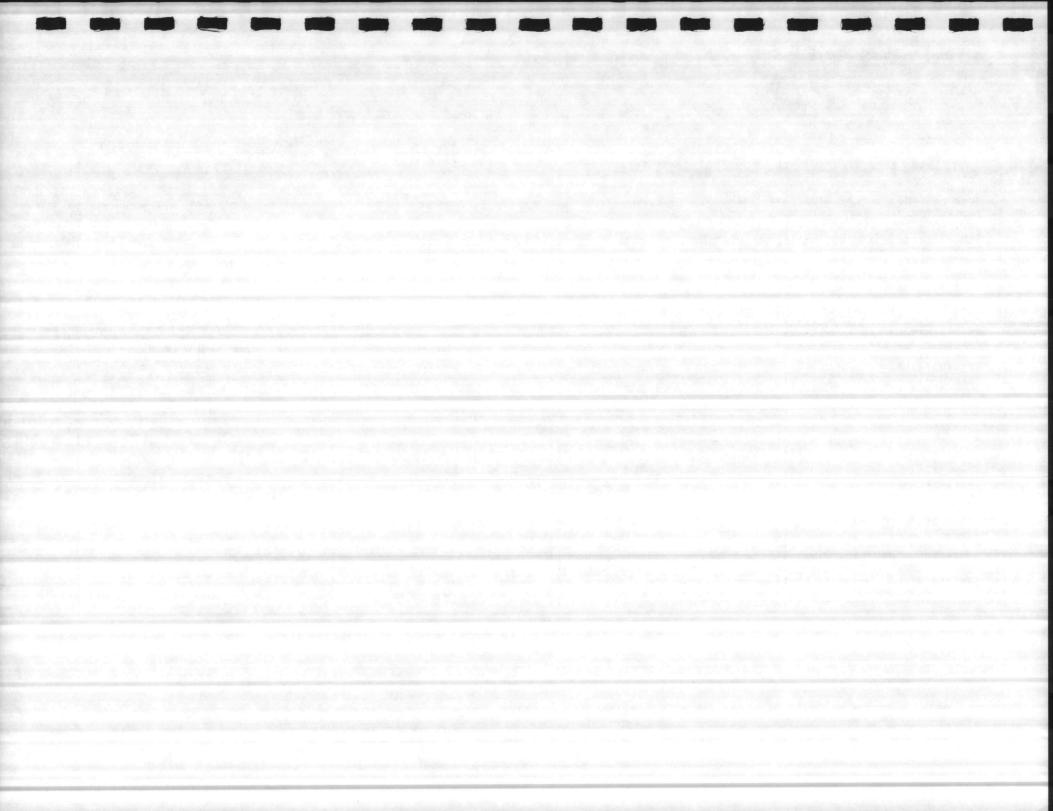
MANEUVER AREA MANAGER: D. J. Hashagen, Sr._



DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Climate Seasonal	X	NOT AMPPLICABLE	NOT APPLICABLE
Terrain Type Percentage Mountainous		NOT APPLICABLE	NOT APPLICABLE
Soil Type Percentage Rock		NOT APPLICABLE	NOT APPLICABLE
Vegetation Percentage None Percentage Sparse Percentage Moderate Percentage Heavy	80		

FILE NAME: UP010021 PAGE 2 OF 5 DATE: DATE: 03/05/87

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



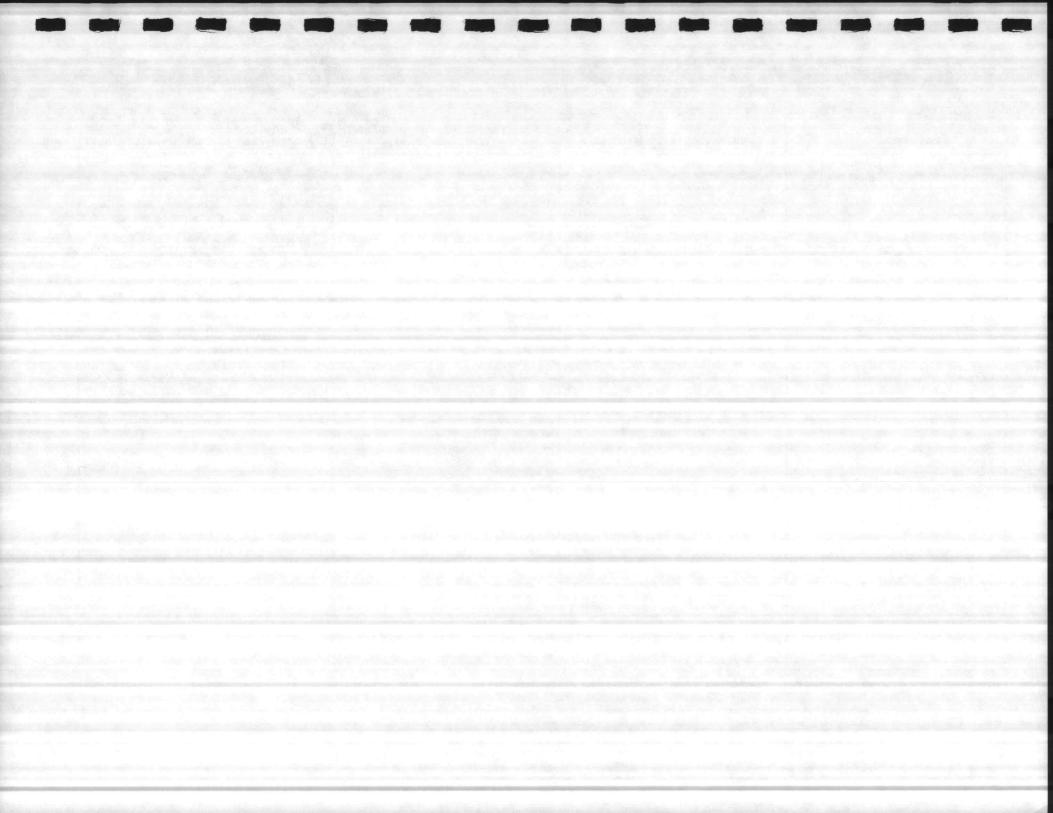
DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
List Capacity of an 8-Hour Training Day. Specify: Unit of Measure, e.g., No. of Bns/Sqdns	Undefined		
 Number of Days per Year the Maneuver Area is Available			
Non-availability per Year Total	5 		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	D-9 skeet range must be inactive		

FILE	NAME:	UP010021

PAGE 3 OF 5 DATE: 03/05/87

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

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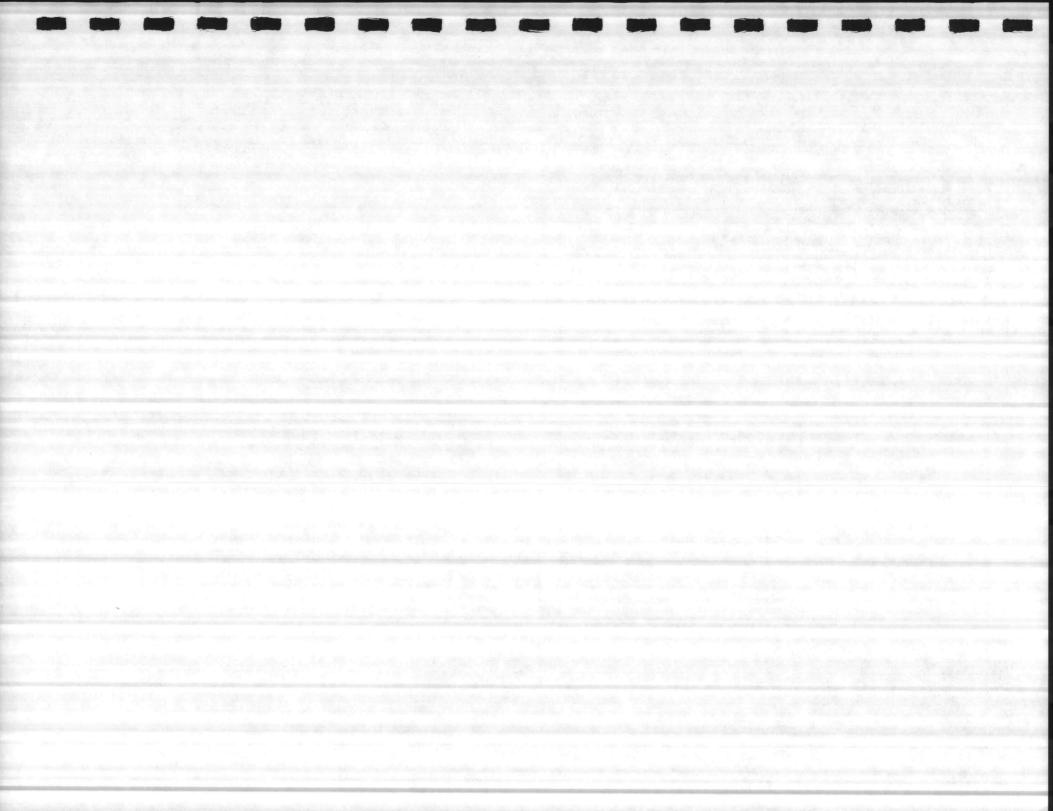


DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	CHARACTERISTICS NEEDED IF APPLICABLE)
euver Area Standards,	Yes Used for LET training (Dragon weapon trainer) Located in main side section of base surrounded by buildings		
Are There Site-unique Requirements Placed on Using Units? Yes, No, Explain	NA		
Distance from Supply Points POL (km)	[6		
Restrictions on Maneuver Area Use Environmental			
Time of Year			

FILE NAME: UP010021

DATE: 03/05/87 PAGE 4 OF 5

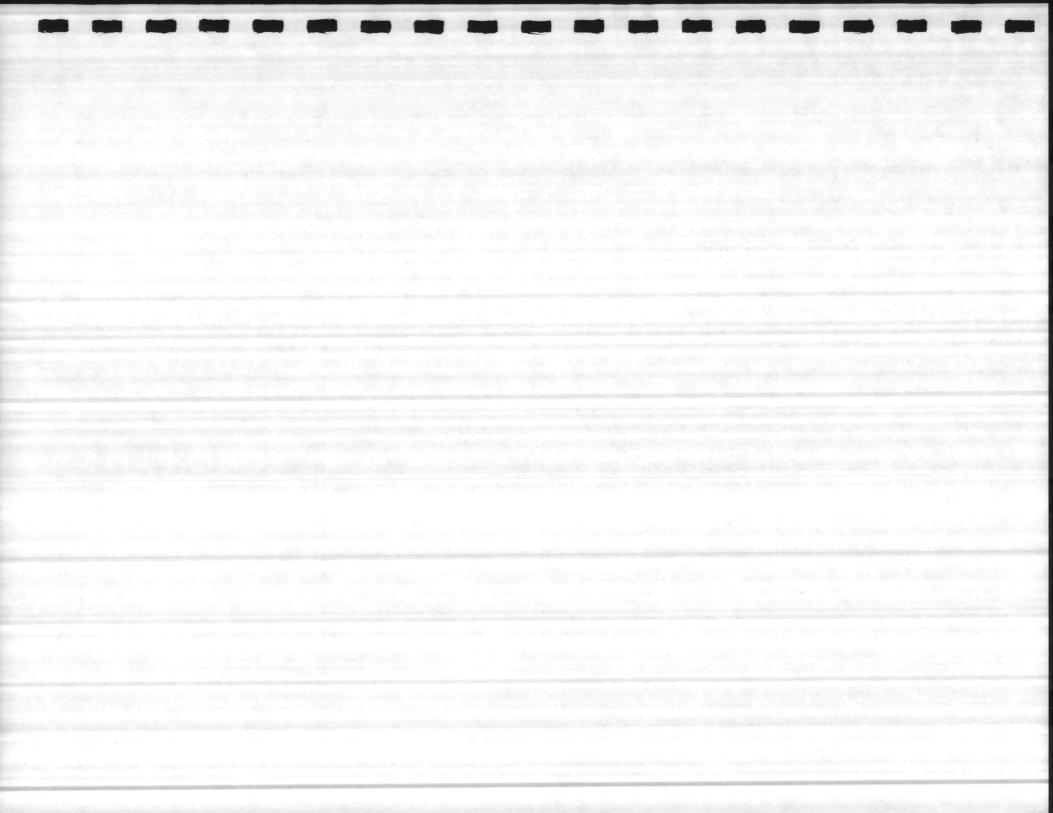
MANEUVER AREA MANAGER: D. J. Hashagen, Sr.



DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE
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PAGE 5 OF 5 DATE: 03/05/87

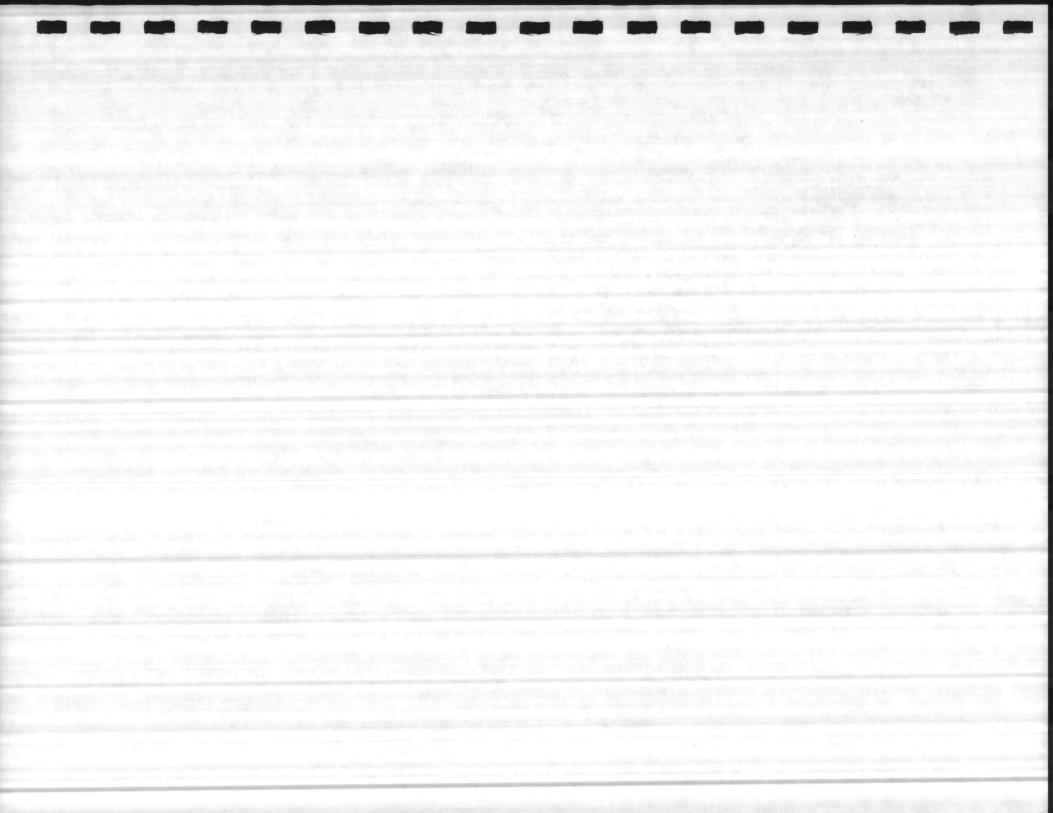
MANEUVER AREA MANAGER: D. J. Hashagen, Sr.



SUBMITTED BY: D. J. Hashagen, MANEUVER AREA NAME AND LOCATION (Not related to training a INSTRUCTIONS: One form for each maneuver a Fill in data elements as app Use right column for new or	: ALZ-1, MCB, Camp Lejeune, NC ctivities) rea ropriate	Infantry Artillery Armor (LAVs, AAVs, Tanks) Combined Arms Communications Exercises Logistics Exercises	Electronic Warfare Amphibious Exercises
DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
	Undefined NA TP790446		
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: UP010022 PAGE 1 OF 5 DATE: 03/05/87

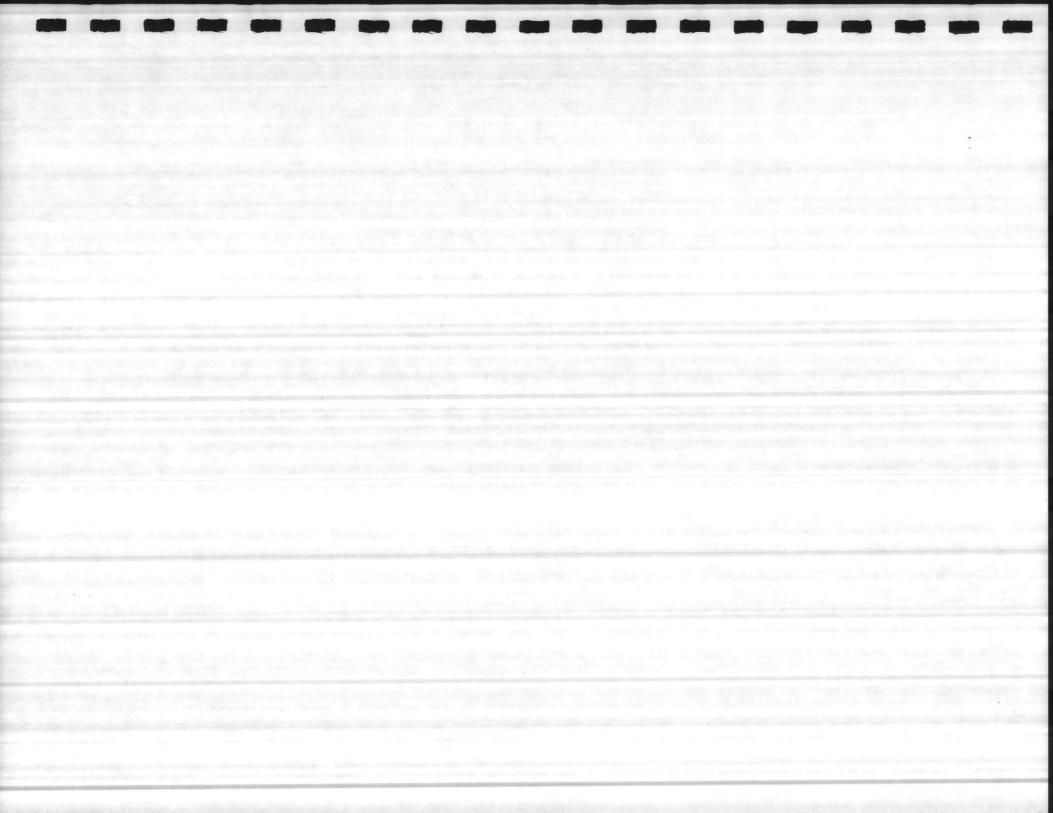
MANEUVER AREA MANAGER: D. J. Hashagen, Sr.



DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE	
Climate Seasonal				
Tropic Temperate Arctic		 	I I NOT APPLICABLE	
DesertAll-Weather (Indoor) Other				
Terrain Type Percentage Mountainous Percentage Rolling				
Percentage Swamp Percentage Desert		NOT APPLICABLE	NOT APPLICABLE	
Percentage Beach Percentage Level Percentage Water	1100			
Soil Type			 	
Percentage Rock	1100			
Percentage Clay Percentage Swamp/Marsh Percentage Loamy Percentage Other	4	NOT APPLICABLE	I NOT APPLICABLE I	
Percentage None				
Percentage Sparse Percentage Moderate Percentage Heavy	1			

FILE NAME: UP010022 PAGE 2 OF 5 DATE: 03/05/87

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

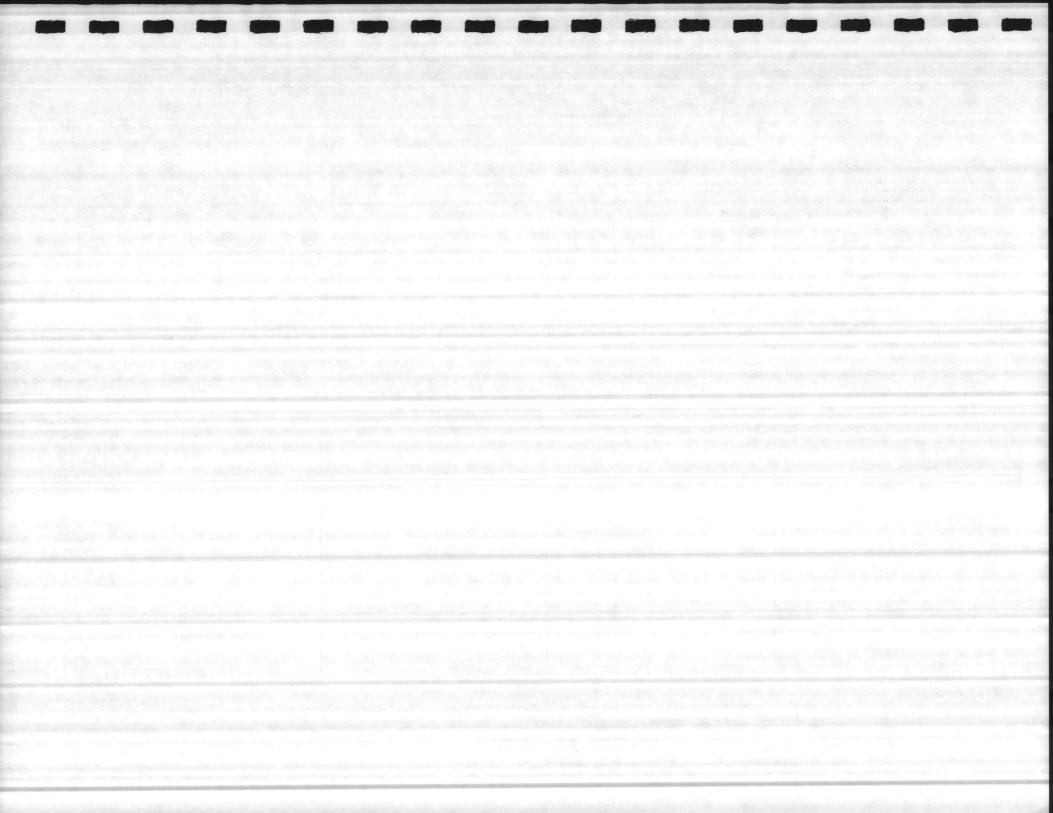


		ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS
List Capacity of an 8-Hour Training Day. Specify: Unit of Measure, e.g., No. of Bns/Sqdns No. of Aircraft/Helos no. of AAVs/LCACs as Appropriate	Undefined		
 Number of Days per Year the Maneuver Area is Available	 365 		
	 	0	
Is the Maneuver Area Capable of Nighttime Use? Yes, No	 No 		
Other Maneuver Areas/Ranges Which Must Be Closed When This Maneuver Area is in Use			

FILE NAME: UP010022

PAGE 3 OF 5 DATE: 03/05/87

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

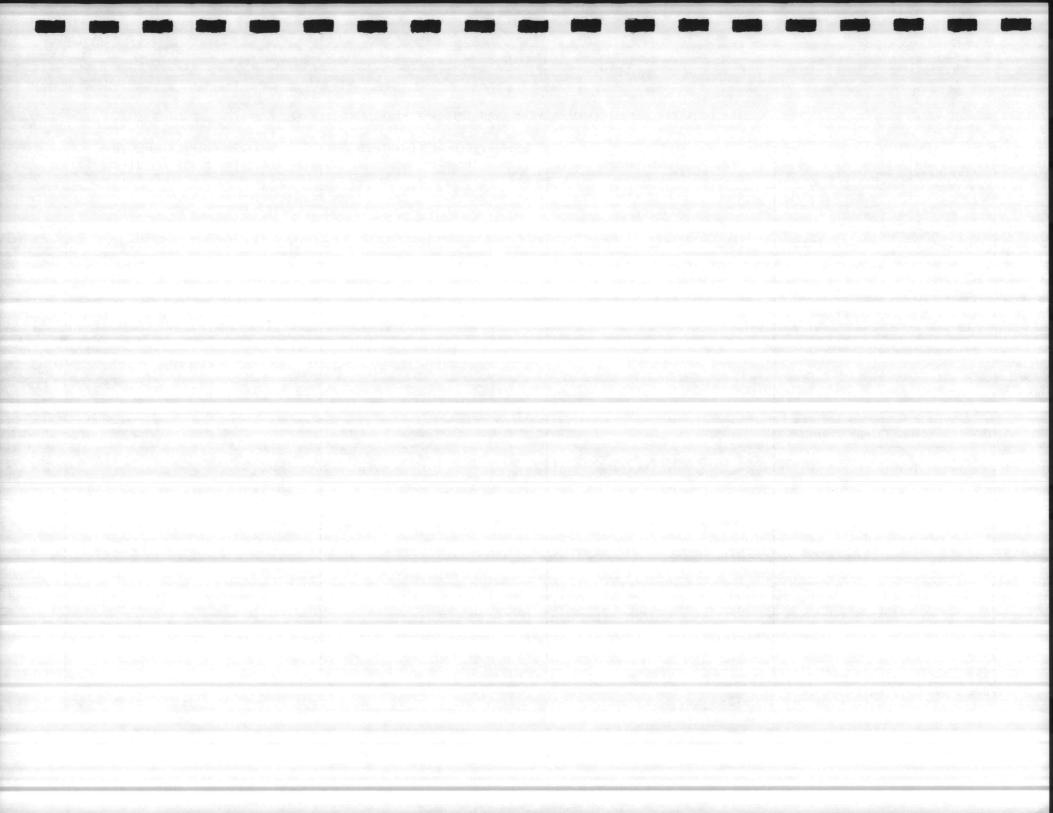


DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Are There Site-unique Features (Waivers to Man- euver Area Standards, Safety, etc.)? Yes, No, Explain	NA		
Are There Site-unique Re- quirements Placed on Using Units? Yes, No, Explain	NA		
Distance from Supply Points POL (km)	NA		·
Restrictions on Maneuver Area Use Environmental			

FILE NAME: UP010022 PAGE 4 OF 5 DATE:

DATE: 03/05/87

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

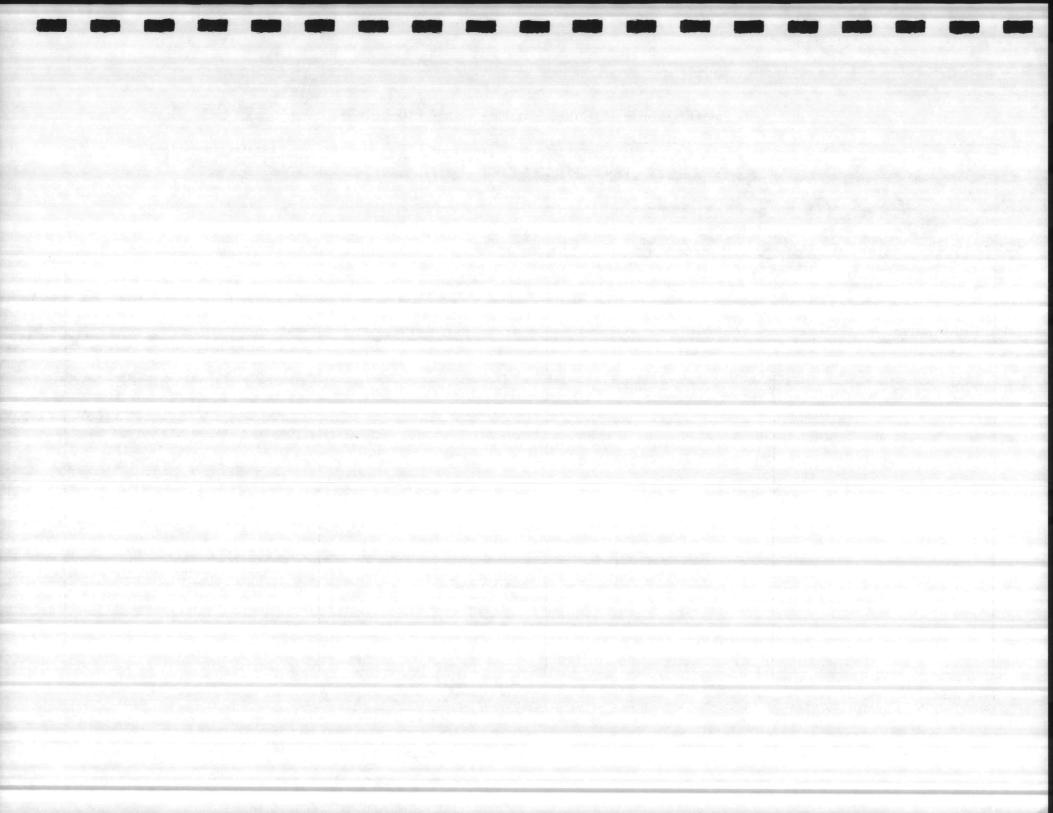


DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
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FILE NAME: UP010022

PAGE 5 OF 5 DATE: 03/05/8

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

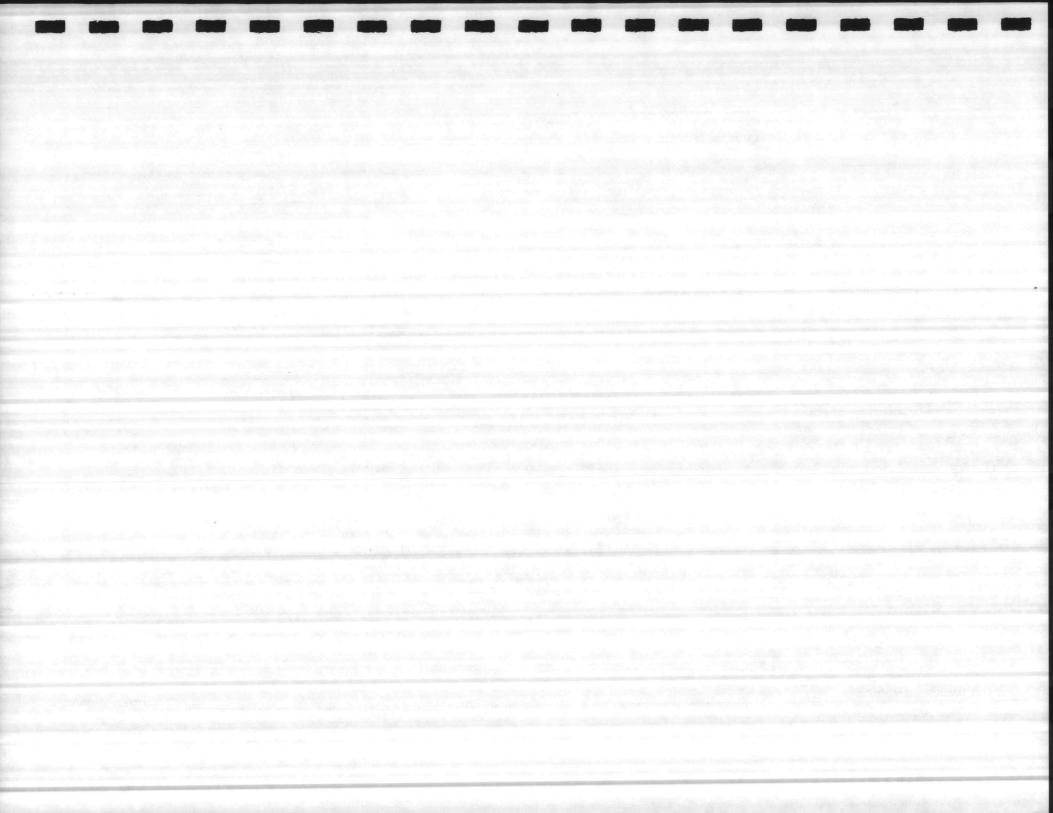


SUBMITTED BY: D. J. Hashagen, Sr., DRCO, AV 484-2102 MANEUVER AREA NAME AND LOCATION: ALZ-1A, MCB, Camp Lejeune, N	Armor (LAVs, AAVs, Tanks) Combined Arms Communications Exercises X	Electronic Warfare Amphibious Exercises MAGTF FTX Air-to-Ground Operations Administrative Landing Zone
INSTRUCTIONS: One form for each maneuver area Fill in data elements as appropriate	Logistics Exercises	Other .

PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
 Undefined		
INA I ITP796454		
 /\ /\ NORTH		
 17,999	· · · · · · · · · · · · · · · · · · ·	
1 	. . .	
	Undefined	PRESENT CHARACTERISTICS (INCLUDE YEAR) Undefined INA ITP796454 I/\ INORTH I17,999 INA

FILE NAME: UP010023
PAGE 1 OF 5 DATE: 03/05/87

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

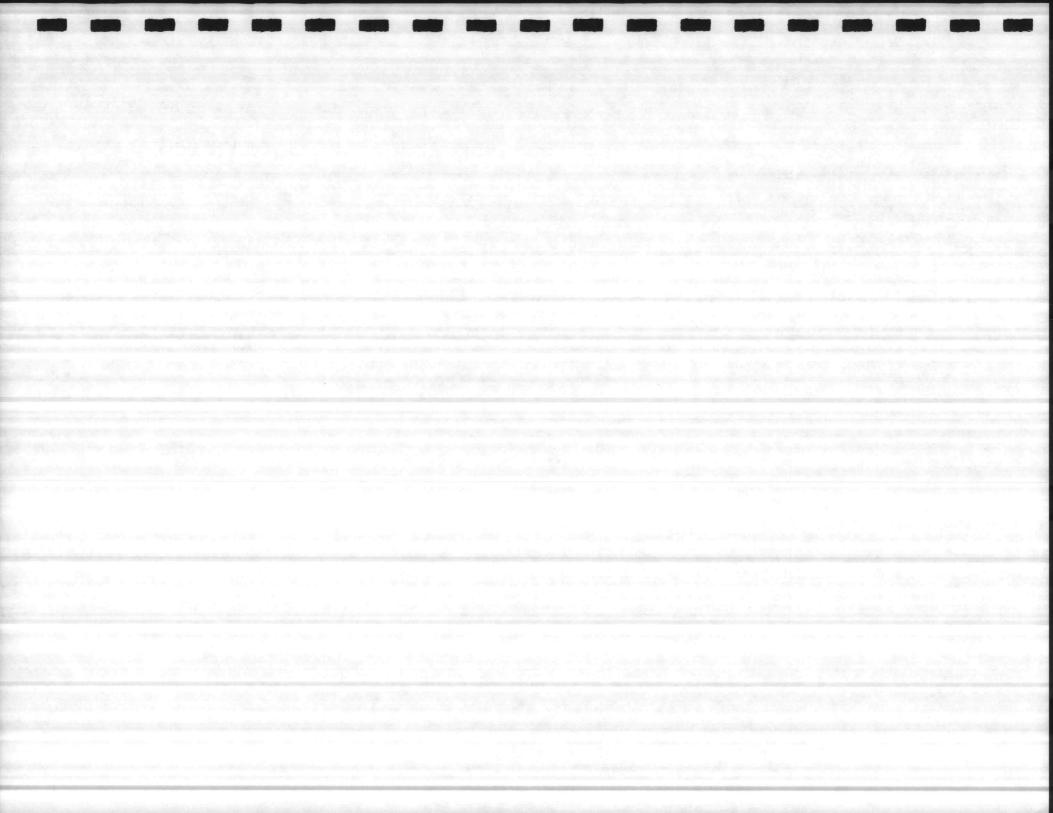


DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Climate Seasonal		NOT APPLICABLE	NOT APPLICABLE
Terrain Type Percentage Mountainous Percentage Rolling Percentage Swamp Percentage Desert Percentage Beach Percentage 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			

FILE NAME: UP010023 PAGE 2 OF 5 DATE:

DATE: 03/05/87

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



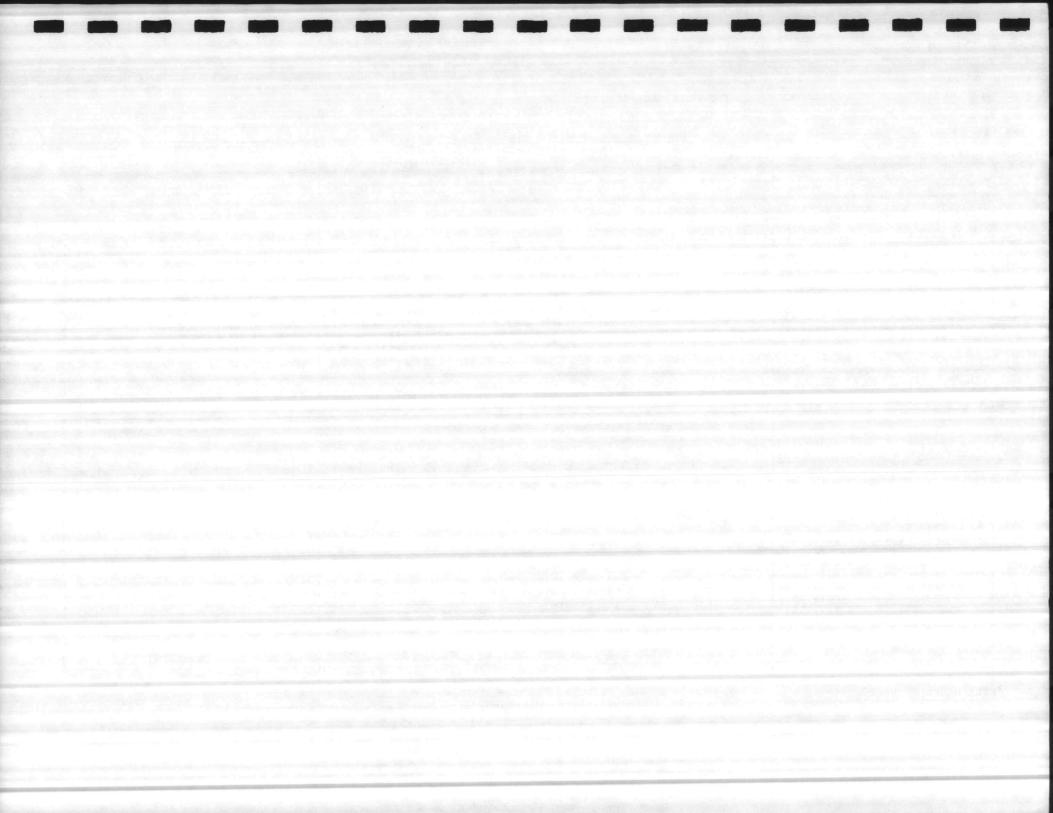
DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
List Capacity of an 8-Hour Training Day. Specify: Unit of Measure, e.g., No. of Bns/Sqdns No. of Aircraft/Helos No. of AAVs/LCACs			
 Number of Days per Year the Maneuver Area is Available 	 365 		
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			
Other Maneuver Areas/Ranges Which Must Be Closed When This Maneuver Area is in Use	NA NA		

FILE	NAME:	UP010023

PAGE 3 OF 5 DATE: 03/05/8

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

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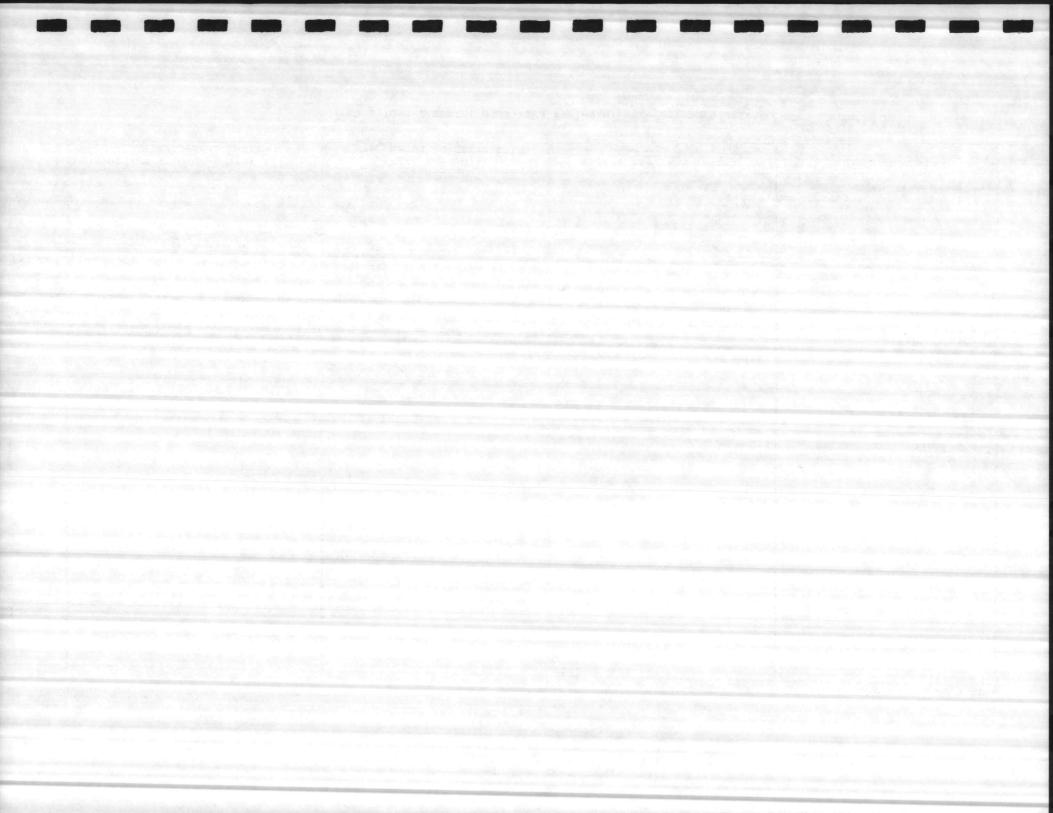


PRESENT CHARACTERISTICS		DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE
NA .		
NA		
NA		
	NA 500 m	NA NA 500 m NA 500 m NA 1500 m

FILE NAME: UP010023

PAGE 4 OF 5 DATE: 03/05/87

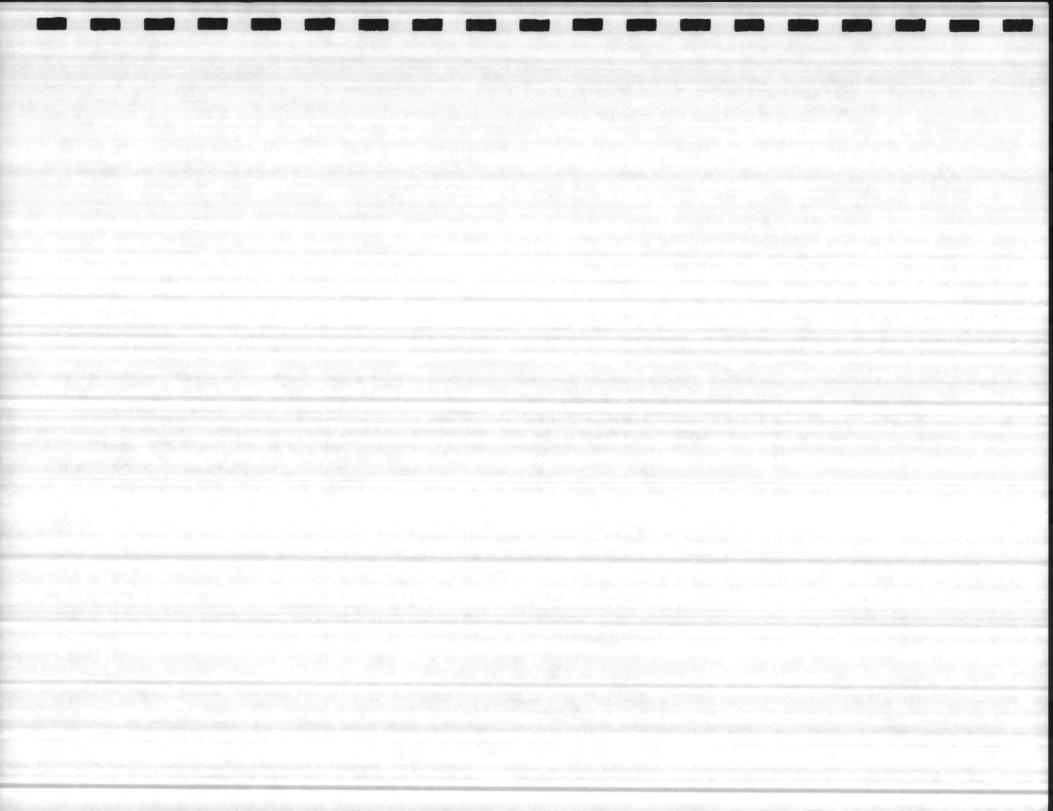
MANEUVER AREA MANAGER: D. J. Hashagen, Sr._



DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED (SPECIFY YEAR	NEEDED IF APPLICABLE
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PAGE 5 OF 5 DATE: 03/05/87

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



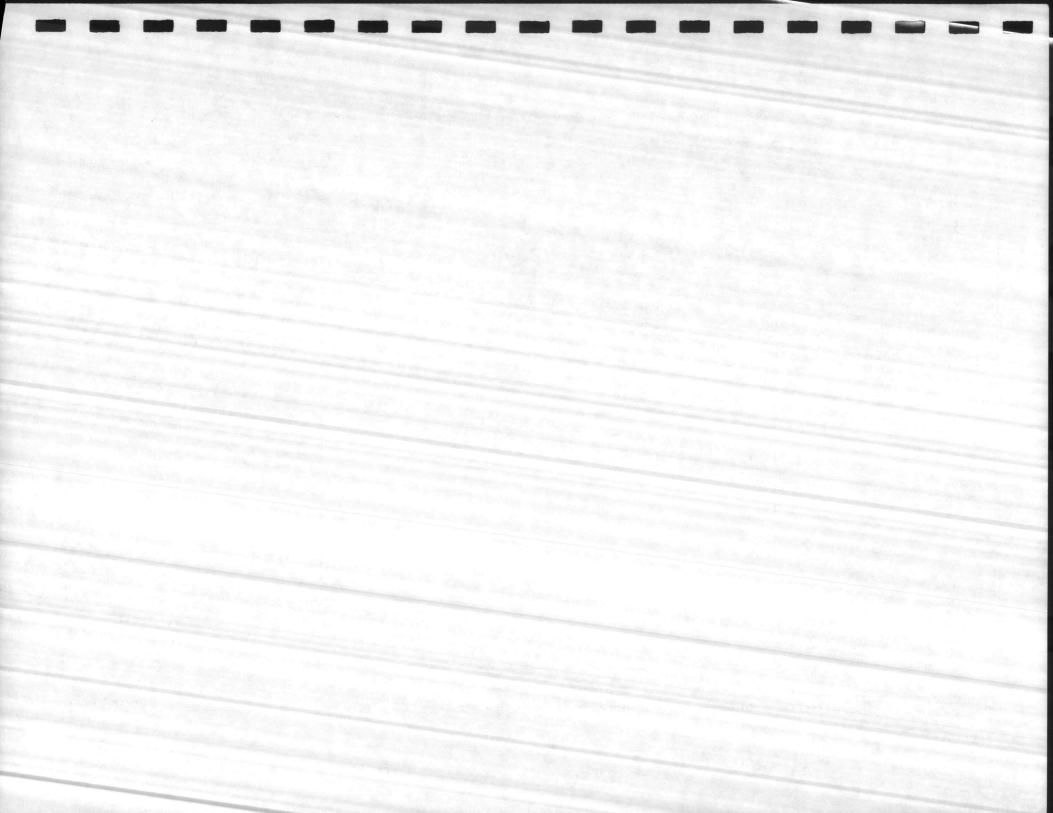
SUBMITTED BY: D. J. Hashagen, Sr., DRCO, AV 484-2102 MANEUVER AREA NAME AND LOCATION: ALZ-2, MCB, Camp Lejeune, NC	Infantry Electronic Warfare Artillery Amphibious Exercises Armor (LAVs, AAVs, Tanks) MAGTF FTX Combined Arms Air-to-Ground Operations Communications Exercises X Administrative Landing Zone 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	L ANGICIDAMED OR KNOWN CHANGES I DESIRED CHAPACTERISTICS

DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Primary Direction of Fire	Undefined NA TP828393		
Associated Air Space Altitude (ft)	 /\ /\ NORTH 		
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	 		

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PAGE 1 OF 5 DATE: 03/05/87

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

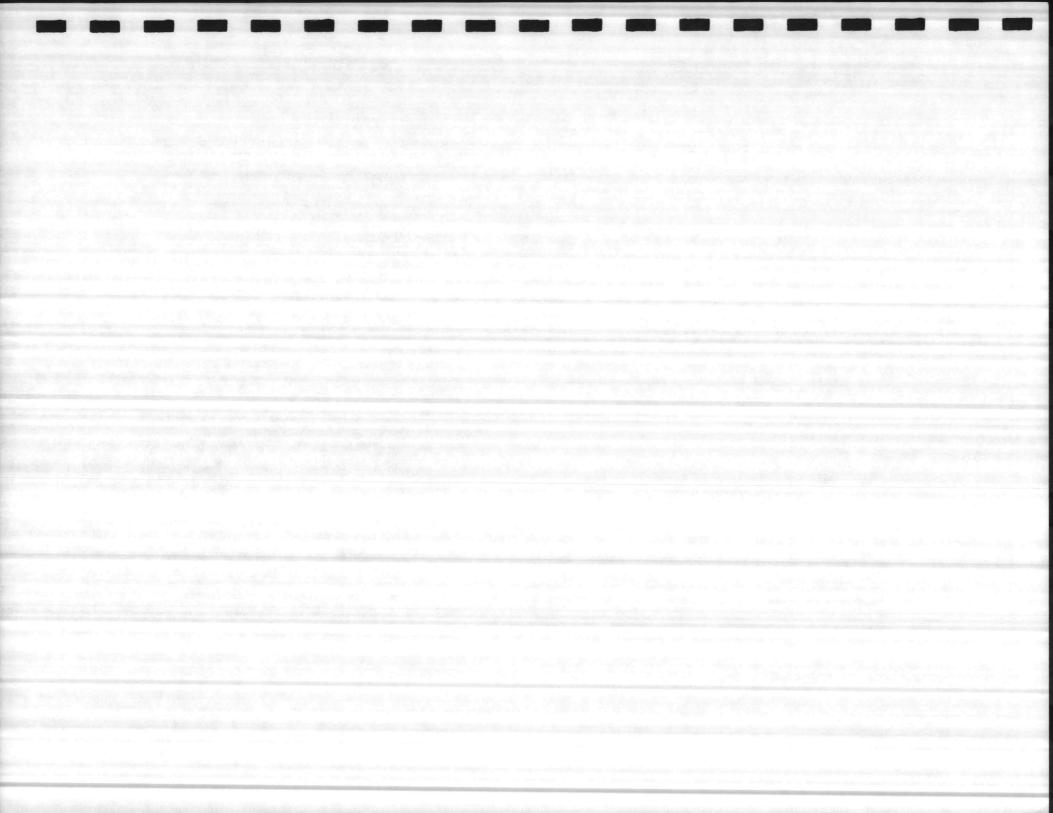


DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Climate Seasonal	X	NOT AMPPLICABLE	NOT APPLICABLE
Other			
Terrain Type Percentage Mountainous Percentage Rolling			
Percentage Swamp Percentage Desert Percentage 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: UP010024 PAGE 2 OF 5 DATE

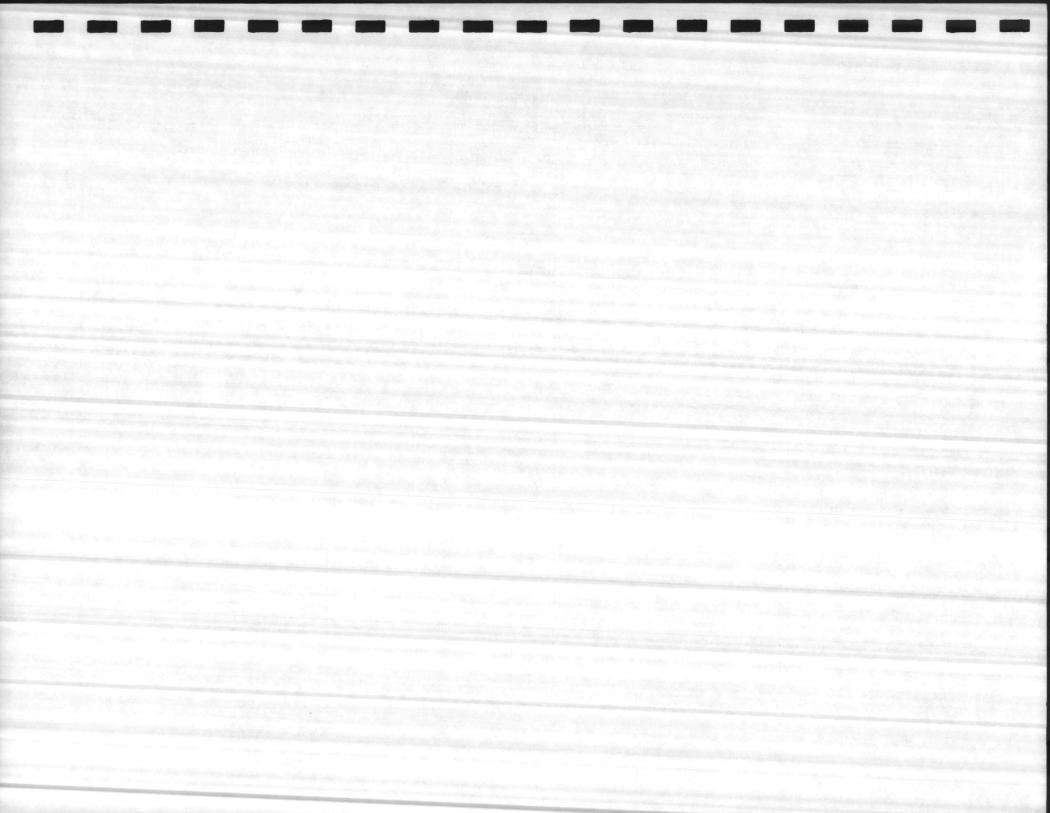
DATE: 03/05/87

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



DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (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	Undefined			
Number of Days per Year the Maneuver Area is Available	 365 			
Non-availability per Year Total Maintenance Weather Budget Fire Condition/Weather Weekends/Holidays		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	NA NA			

FILE	LE NAME:		:	UP010024	
PAGE	3	OF	5	DATE:	03/05/87

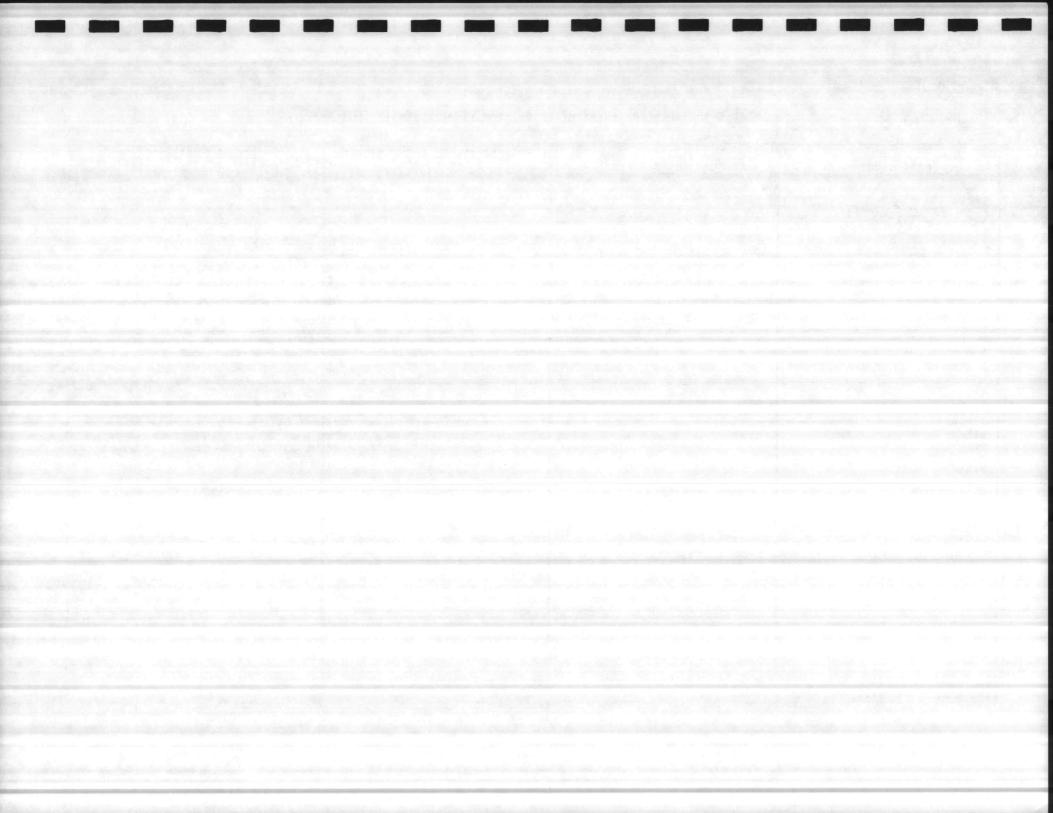


PRESENT CHARACTERISTICS		DESIRED CHARACTERISTICS
Yes Restricted use		
NA		
INA		
	Yes Restricted use	Yes Restricted use

FILE NAME: UP010024

PAGE 4 OF 5 DATE: 03/05/87

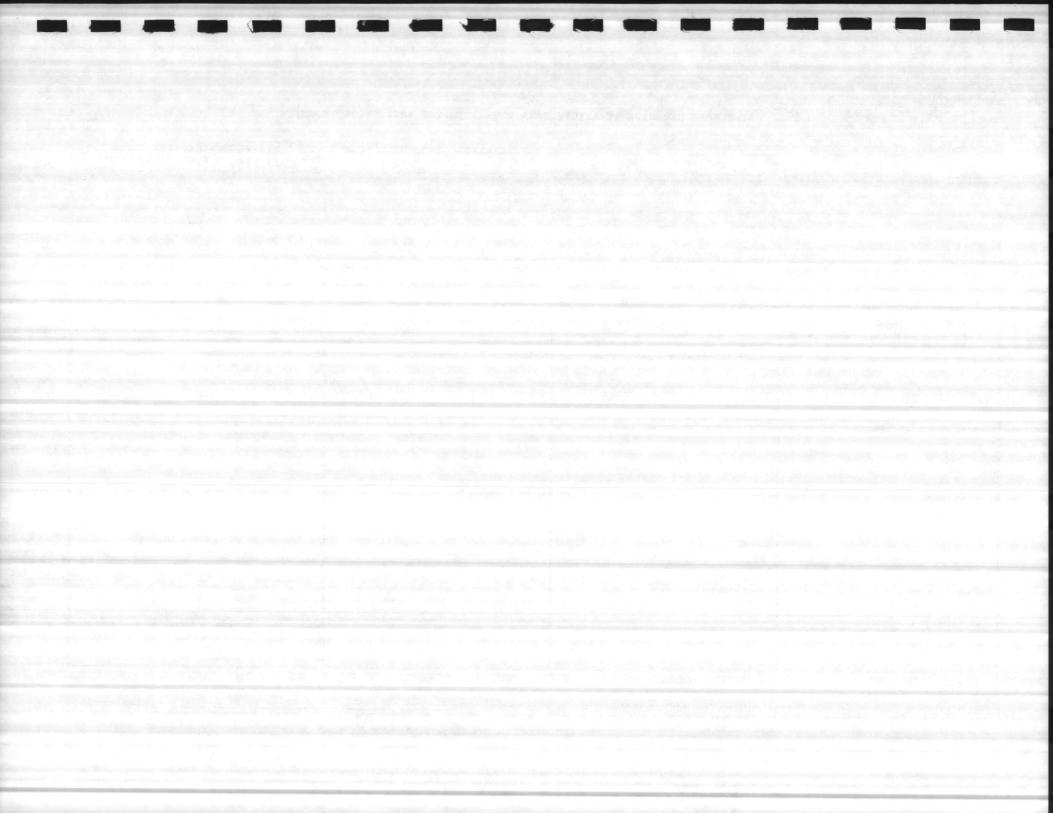
MANEUVER AREA MANAGER: D. J. Hashagen, Sr.



DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
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FILE NAME: UP010024

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

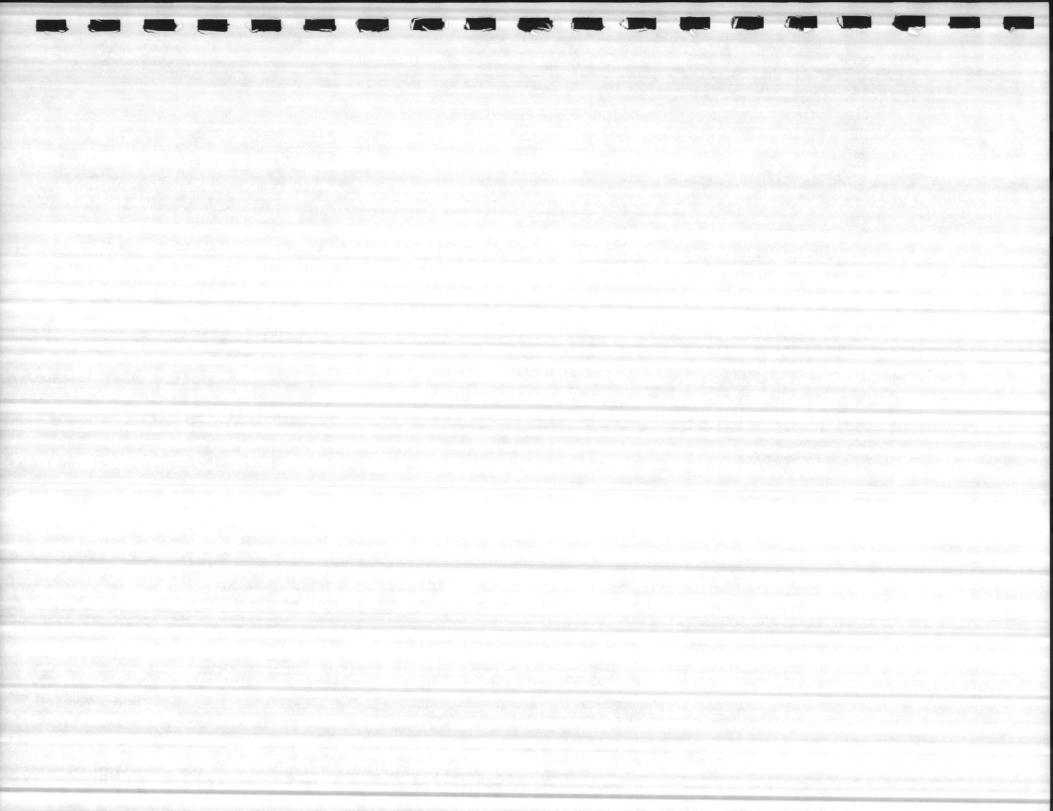


SUBMITTED BY: D. J. Hashagen, MANEUVER AREA NAME AND LOCATION	Sr., DRCO, AV 484-2102 : ALZ-3, MCB, Camp Lejeune, NC	Infantry Artillery Armor (LAVs, AAVs, Tanks) Combined Arms Communications Exercises Logistics Exercises	Air-to-Ground Operations
INSTRUCTIONS: One form for each maneuver a Fill in data elements as app Use right column for new or	ropriate	Logistics Exercises	
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	Undefined INA ITP836391		
	/\ /\ NORTH		
	17,999	· · · · · · · · · · · · · · · · · · ·	
No. of Air Ingress Routes No. of Air Egress Routes No. of Beach Access Areas			

FILE NAME: UP010025 PAGE 1 OF 5 DATE:

DATE: 03/05/87

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

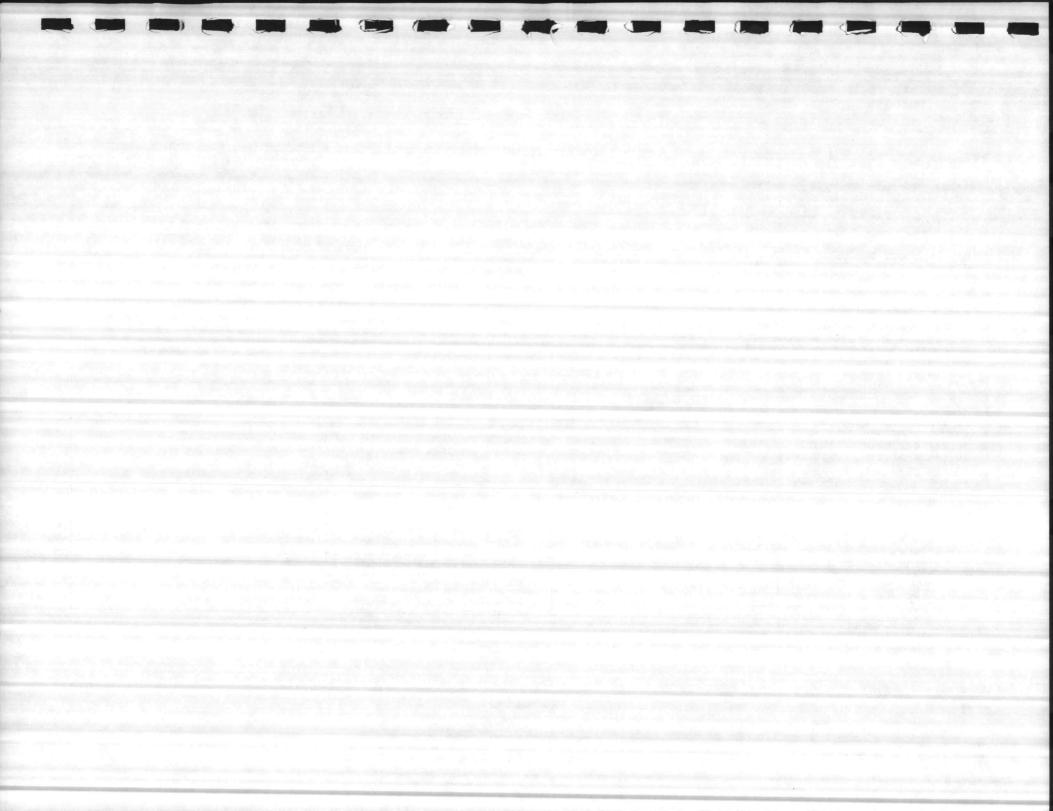


DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS
Climate Seasonal		NOT APPLICABLE	NOT APPLICABLE
Terrain Type Percentage Mountainous Percentage Rolling Percentage Swamp Percentage Desert Percentage Beach Percentage Level	100	NOT APPLICABLE	NOT APPLICABLE
Soil Type Percentage Rock	100	NOT APPLICABLE	NOT APPLICABLE
Vegetation Percentage None	100		

FILE NAME: UP010025 PAGE 2 OF 5 DATE:

DATE: 03/05/87

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

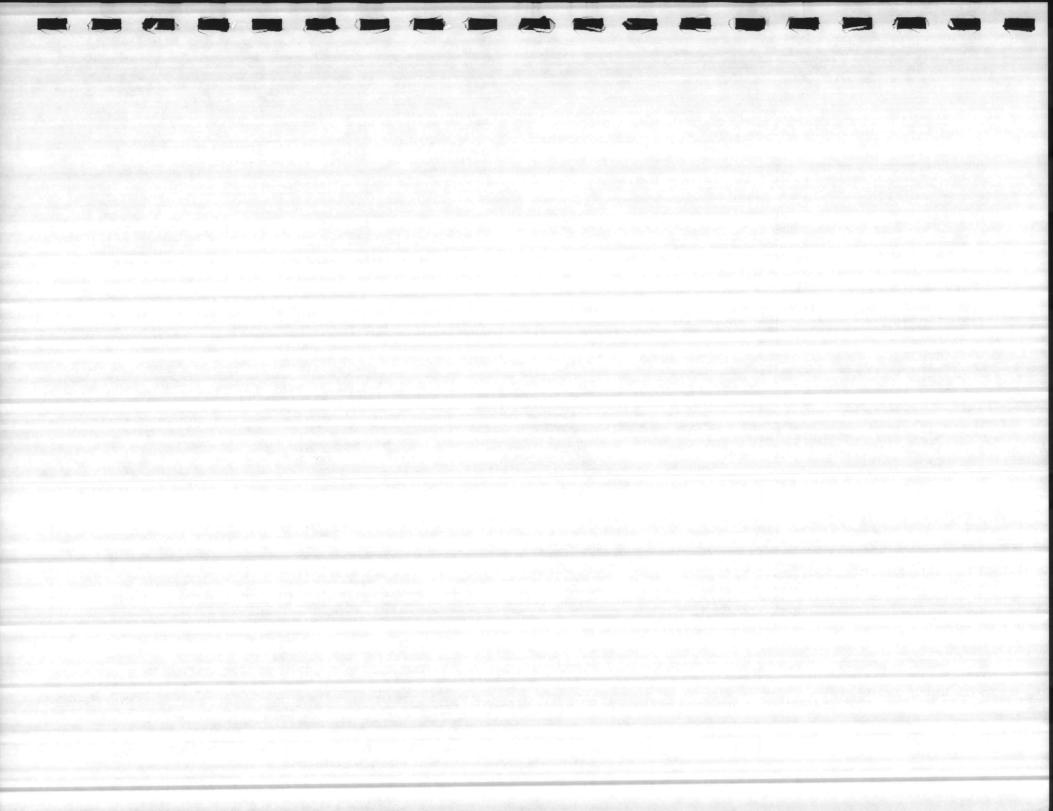


DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE	
List Capacity of an 8-Hour Training Day. Specify: Unit of Measure, e.g., No. of Bns/Sqdns No. of Aircraft/Helos No. of AAVs/LCACs as Appropriate	Undefined			
Number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

FILE NAME:	UP010025
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DATE: 03/05/87

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



DATA ELEMENT	PRESENT CHARACTERISTICS	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE
re There Site-unique Features (Waivers to Man- euver Area Standards, Safety, etc.)? Yes, No, Explain	Yes Restricted use	
re There Site-unique Re- quirements Placed on Using Units? Yes, No, Explain	I NA	
istance from Supply Points POL (km)	INA	
estrictions on Maneuver Area Use Environmental		

FILE NAME: UP010025

PAGE 4 OF 5 DATE: 03/05/87

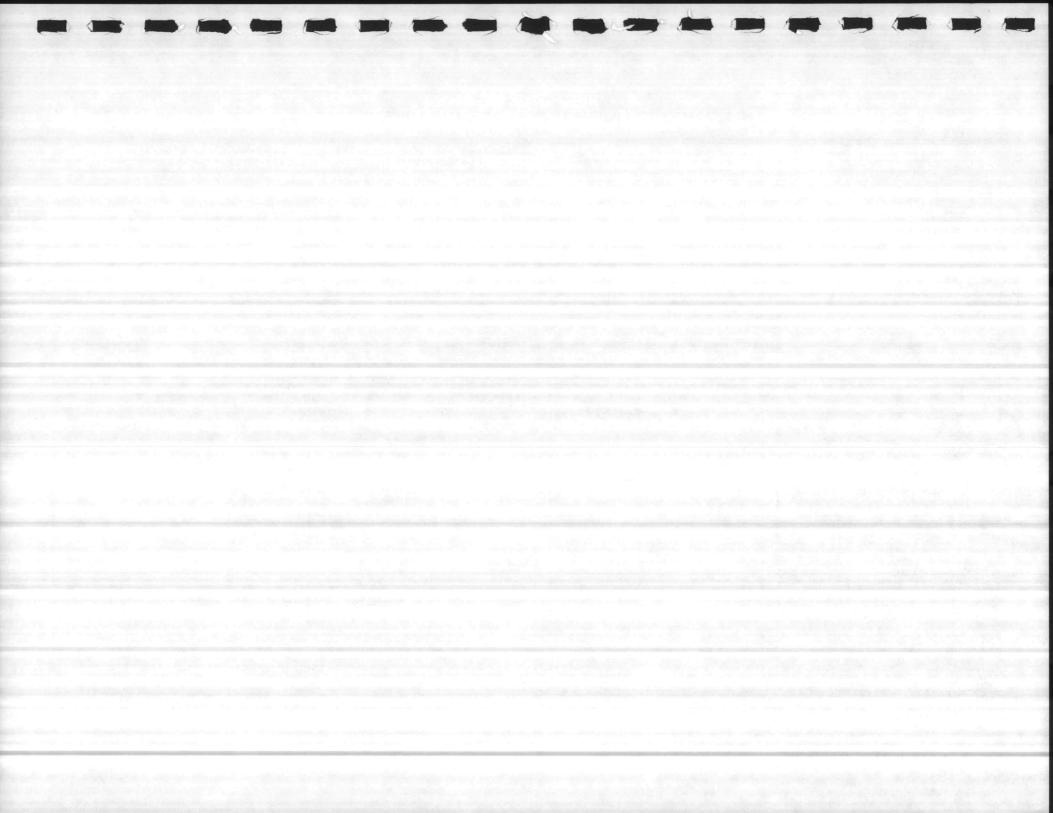
MANEUVER AREA MANAGER: D. J. Hashagen, Sr.

LATAR MAMBUYER ARKA INVESTORT DATA FORM (UTHAR-9-0001) (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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DATE: 03/05/87 MANEUVER AREA MANAGER: D. J. Hashagen, Sr.



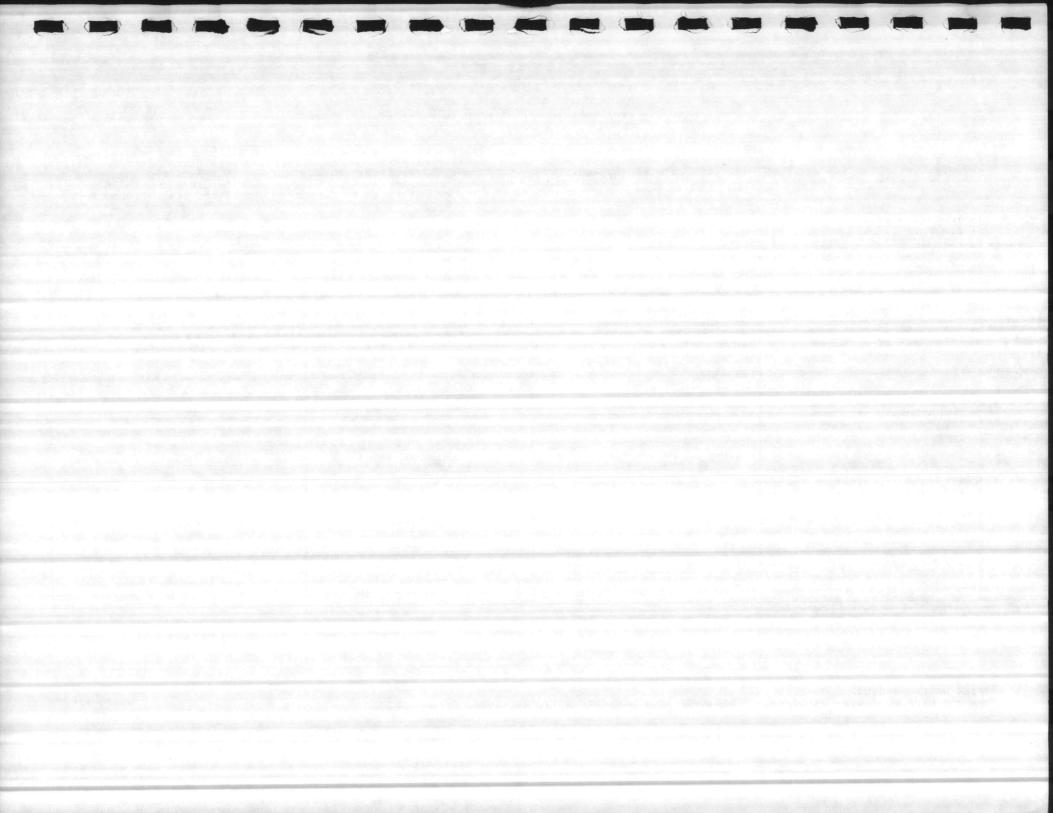
LATAR MANEUVER AREA INVENTORY DATA FORM (UTMAS-P-0001)

SUBMITTED BY: D. J. Hashagen, Sr., DRCO, AV 484-2102	TYPE MANEUVER AREA:
MANEUVER AREA NAME AND LOCATION: ALZ-4, MCB, Camp Lejeune, NC	Infantry Electronic Warfare Artillery Amphibious Exercises Armor (LAVs, AAVs, Tanks) MAGTF FTX Combined Arms Air-to-Ground Operations Communications Exercises X Administrative Landing Zone 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)	Undefined		
Primary Direction of Fire Coordinates	 NA ITP851382 		
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: UP010026 PAGE 1 OF 5 DATE:

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

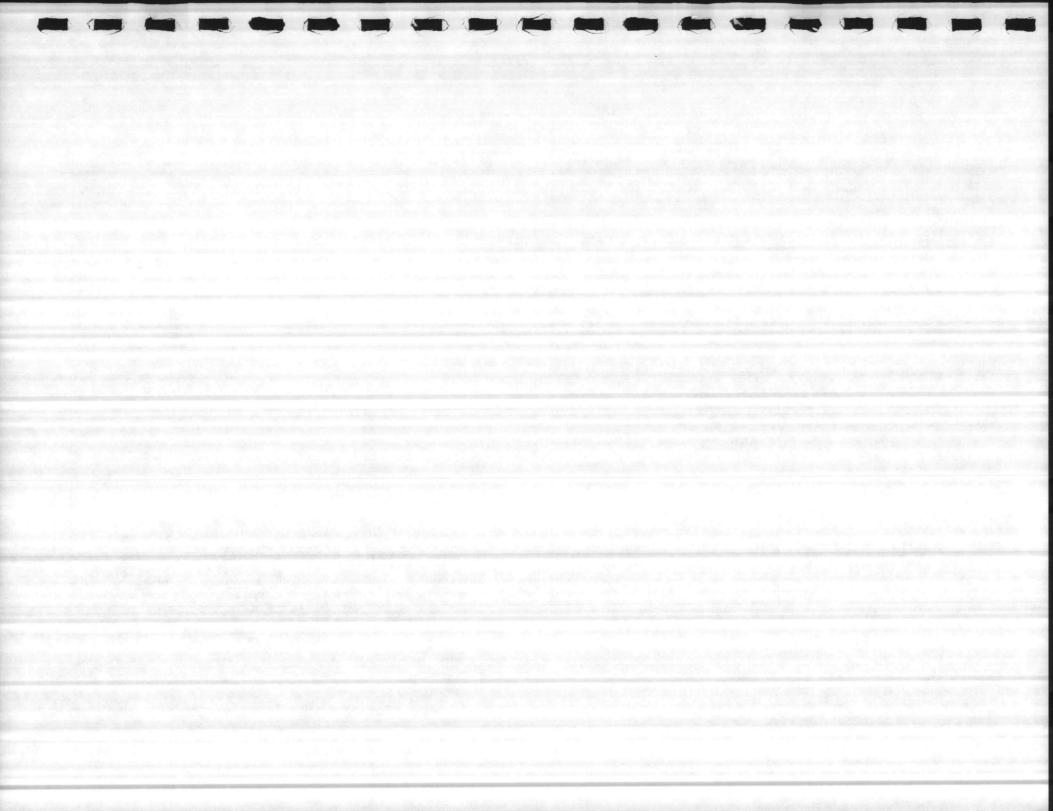


DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Climate Seasonal			
Tropic Temperate Arctic		 	I NOT APPLICABLE
Desert All-Weather (Indoor) Other			
Terrain Type			
Percentage Mountainous Percentage Rolling	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

FILE NAME: UP010026 PAGE 2 OF 5 DATE:

DATE: 03/05/87

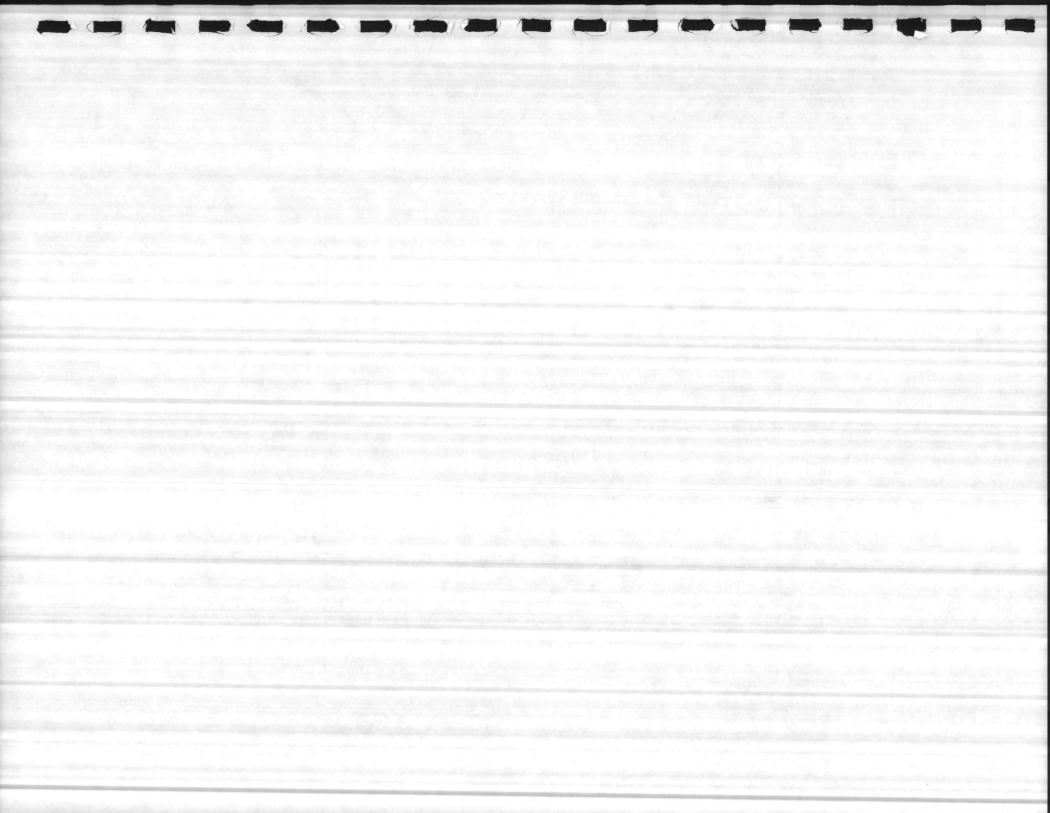
MANEUVER AREA MANAGER: D. J. Hashagen, Sr.



DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (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	Undefined		
Number of Days per Year the Maneuver Area is Available			
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	NA NA		

FILE NAME: UP010026
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 Restricted use		
Are There Site-unique Re- quirements Placed on Using Units? Yes, No, Explain			
Distance from Supply Points POL (km)	INA		
Restrictions on Maneuver Area Use Environmental			

FILE NAME: UP010026

PAGE 4 OF 5 DATE: 03/05/87

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

LATAR HAMBUYER AKKA KUVENTORY DAYA FORM (BYRKS-P-0501) (CONTINUED

Hashayon, Cr.	NAMES AND TRANSPORT OF THE	FILE NAME: UP010026 PAGE 5 OF 5 DATE: 03/05/87

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

SUBMITTED BY: D. J. Hashagen, MANEUVER AREA NAME AND LOCATION INSTRUCTIONS: One form for each maneuver a Fill in data elements as app Use right column for new or	: ALZ-5, MCB, Camp Lejeune, NC	Infantry Artillery Armor (LAVs, AAVs, Tanks) Combined Arms Communications Exercises Logistics Exercises	Air-to-Ground Operations
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	Undefined	NOT APPLICABLE	NOT APPLICABLE
Coordinates	TP848369 		
	 /\ /\ NORTH	NOT APPLICABLE	NOT APPLICABLE
Associated Air Space Altitude (ft) Ingress and Egress Routes			
Vegetation	1100		
Access	12		

FILE NAME: UP010027 PAGE 1 OF 5 DATE:

DATE: 03/05/87

No. of Air Egress Routes.... No. of Beach Access Areas ... |

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

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PAGE 1 OF S DATE: 03/

MARKETURE AREA MANAGERES D. J. HARRINA

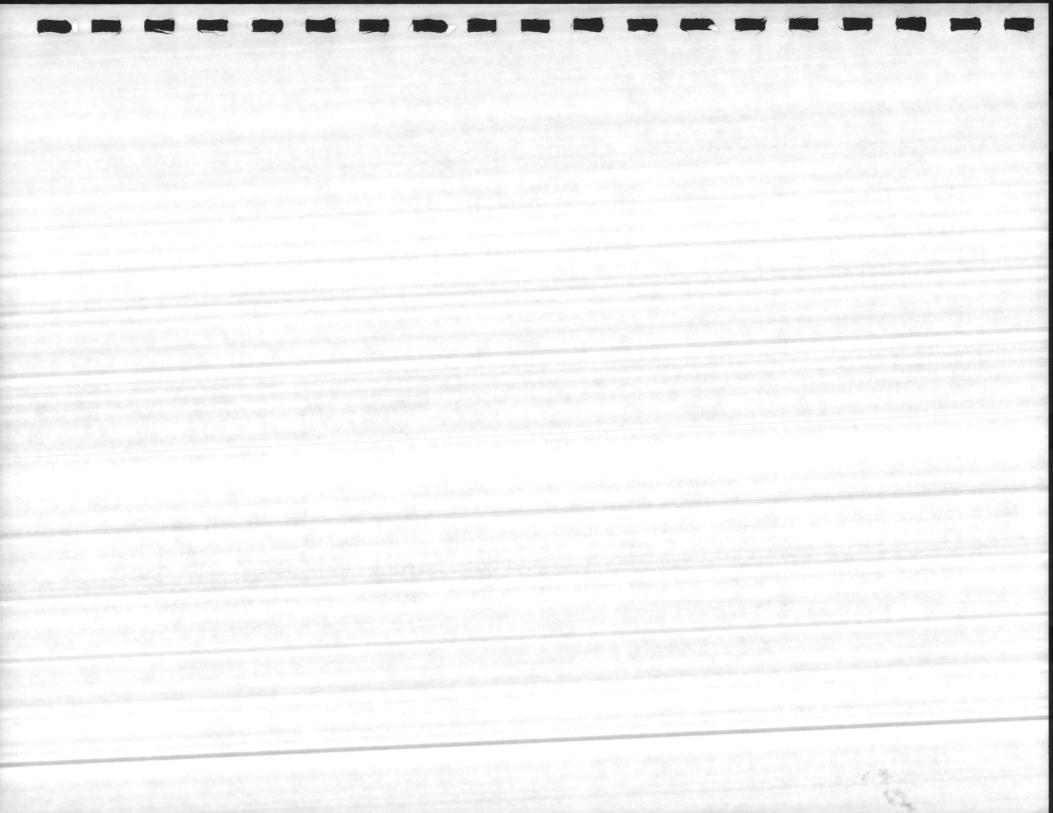
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DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Climate Seasonal	X	NOT APPLICABLE	NOT APPLICABLE
Terrain Type Percentage Mountainous Percentage Rolling Percentage 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	
Vegetation	100		

FILE NAME: UP010027
PAGE 2 OF 5 DATE: 03/05/87

MANEUVER AREA MANAGER: D. J. Hashagen, Sr

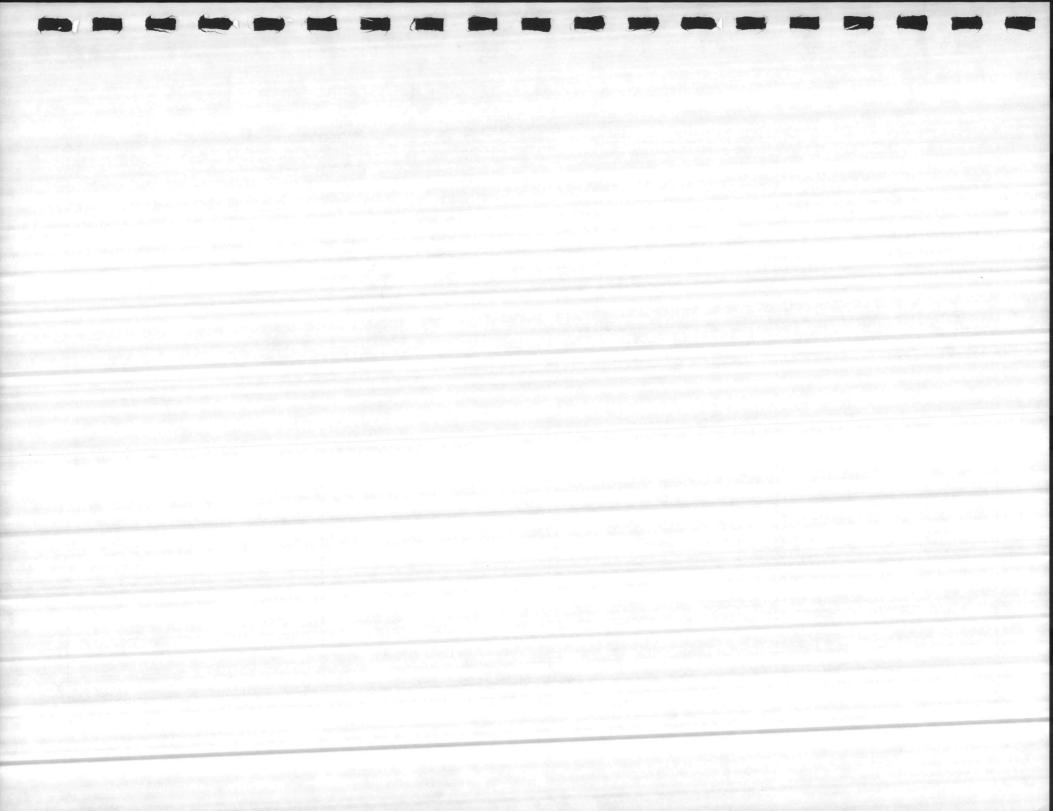


DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
List Capacity of an 8-Hour Training Day. Specify: Unit of Measure, e.g., No. of Bns/Sqdns No. of Aircraft/Helos No. of AAVs/LCACs as Appropriate			
Number of Days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

FILE NAME: UP010027

PAGE 3 OF 5 DATE: 03/05/87

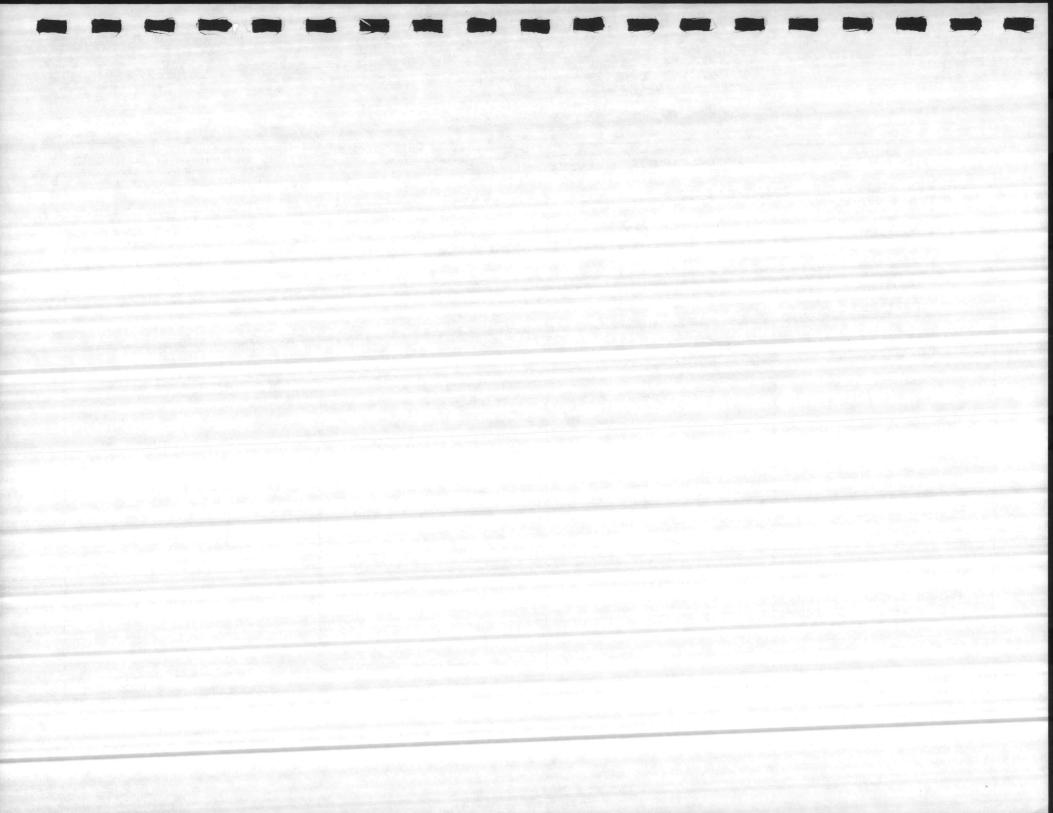
MANEUVER AREA MANAGER: D. J. Hashagen, Sr._



DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS
	Yes Restricted use		
Are There Site-unique Requirements Placed on Using Units? Yes, No, Explain	NA.		
Distance from Supply Points POL (km)	INA		
Restrictions on Maneuver Area Use Environmental			

FILE NAME: UP010027

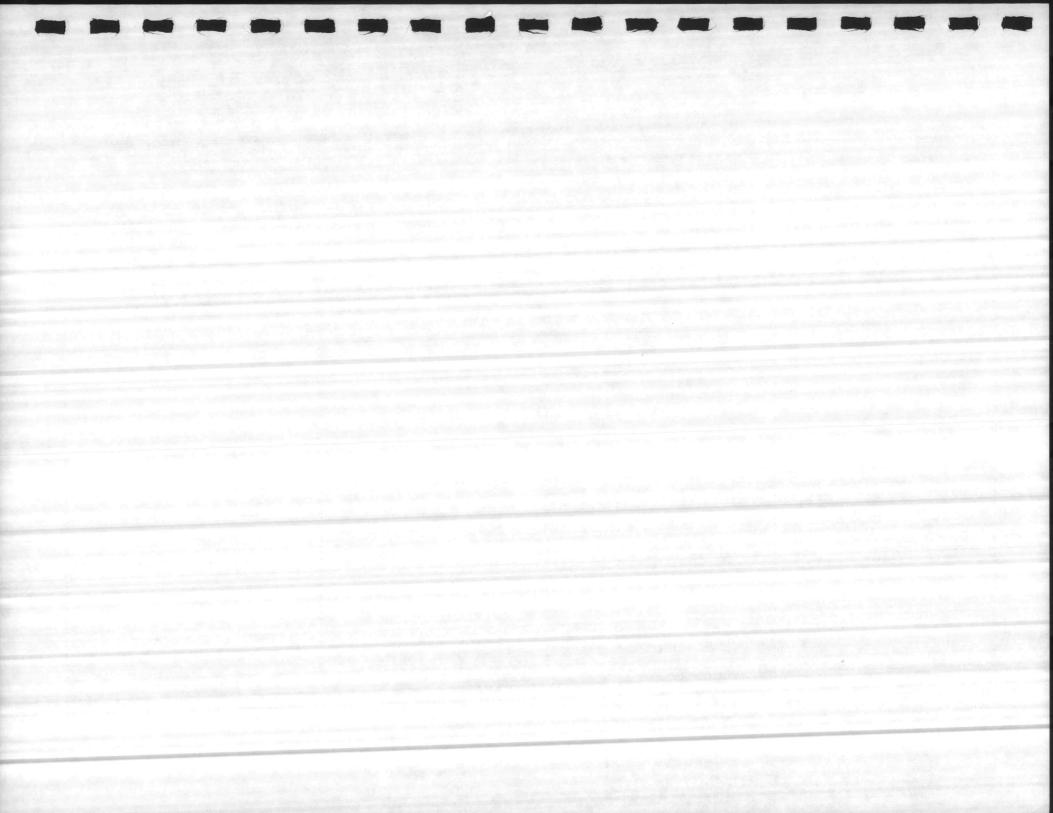
PAGE 4 OF 5 DATE: 03/05/87 MANEUVER AREA MANAGER: D. J. Hashagen, Sr.



DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE
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NAME: UP010027		.	

DATE: 03/05/87

MANEUVER AREA MANAGER: D. J. Hashagen, Sr

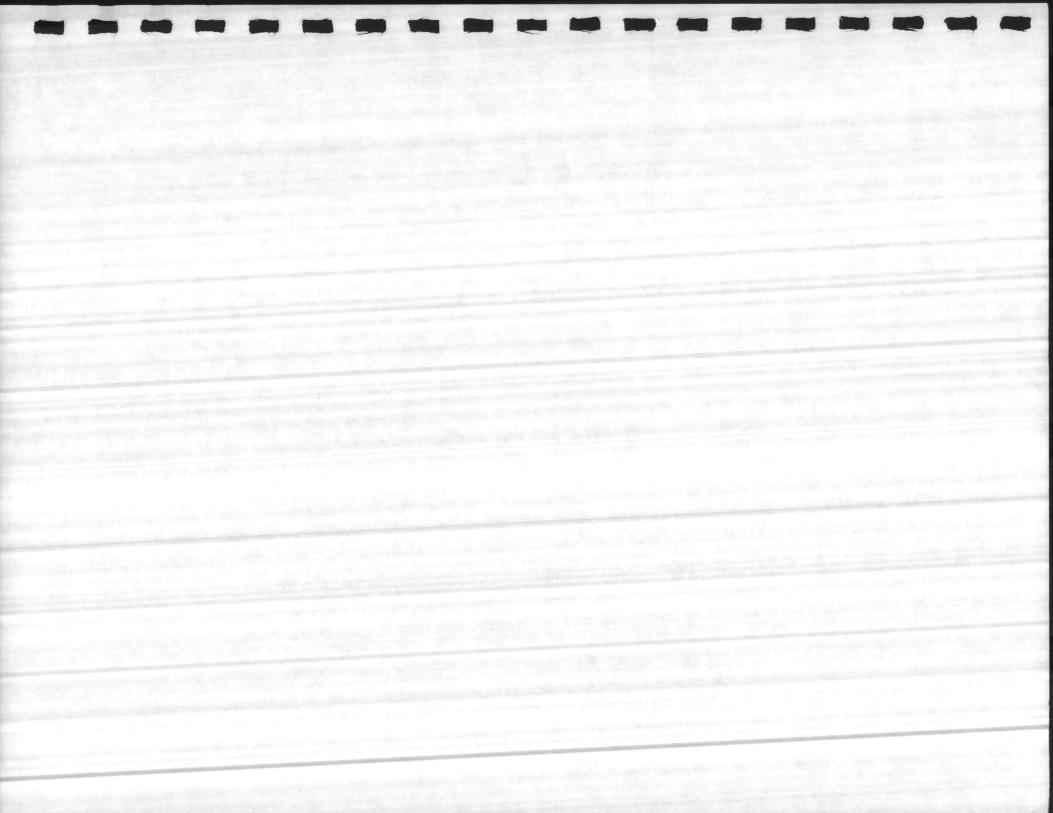


LATAR MANEUVER AREA INVENTORY DATA FORM (UTMAS-P-0001)

SUBMITTED BY: D. J. Hashagen, MANEUVER AREA NAME AND LOCATION INSTRUCTIONS: One form for each maneuver a Fill in data elements as app Use right column for new or	rea	Infantry Artillery Armor (LAVs, AAVs, Tanks) Combined Arms Communications Exercises	NEUVER AREA:
DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
	Undefined		
	 /\ /\ NORTH		
Associated Air Space Altitude (ft)		· · · · · · · · · · · · · · · · · · ·	

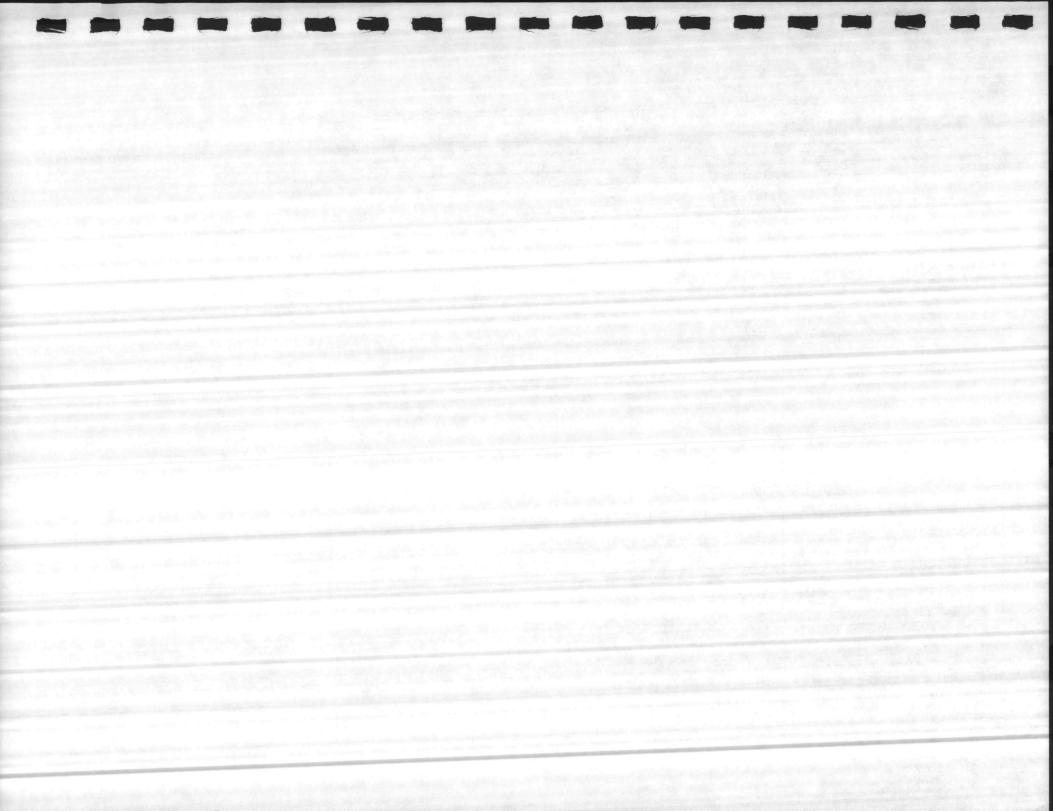
FILE NAME: UP010028 PAGE 1 OF 5 DATE: DATE: 03/05/87

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



DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS
Climate			Marketing of Artists of the Park and Spirit Street, and
Seasonal	X		
Tropic			
Temperate		NOT APPLICABLE	NOT APPLICABLE
Desert		NOT ALL DEGREE	
All-Weather (Indoor)			
Other			
Terrain Type			
Percentage Mountainous			
Percentage Rolling			
Percentage Swamp			
Percentage Desert		NOT APPLICABLE	NOT APPLICABLE
Percentage Beach			
Percentage Level	100		
Percentage Water			
Soil Type			
Percentage Rock			[[- [- [- [- [- [- [- [- [- [
Percentage Sand	100		
Percentage Clay		NOT APPLICABLE	NOT APPLICABLE
Percentage Swamp/Marsh			
Percentage Loamy	. [10] [15] [15] [15] [15] [15] [15] [15] [15		
Percentage Other			
Vegetation			
Percentage None	100		
Percentage Sparse			the the parties of the second section of the second
Percentage Moderate		••••••	
Percentage Heavy		***************************************	
	[14:16.2.1] 12:17 [17:17] 12:17 [17:17] 12:17		

FILE NAME: UP010028
PAGE 2 OF 5 DATE: 03/05/87

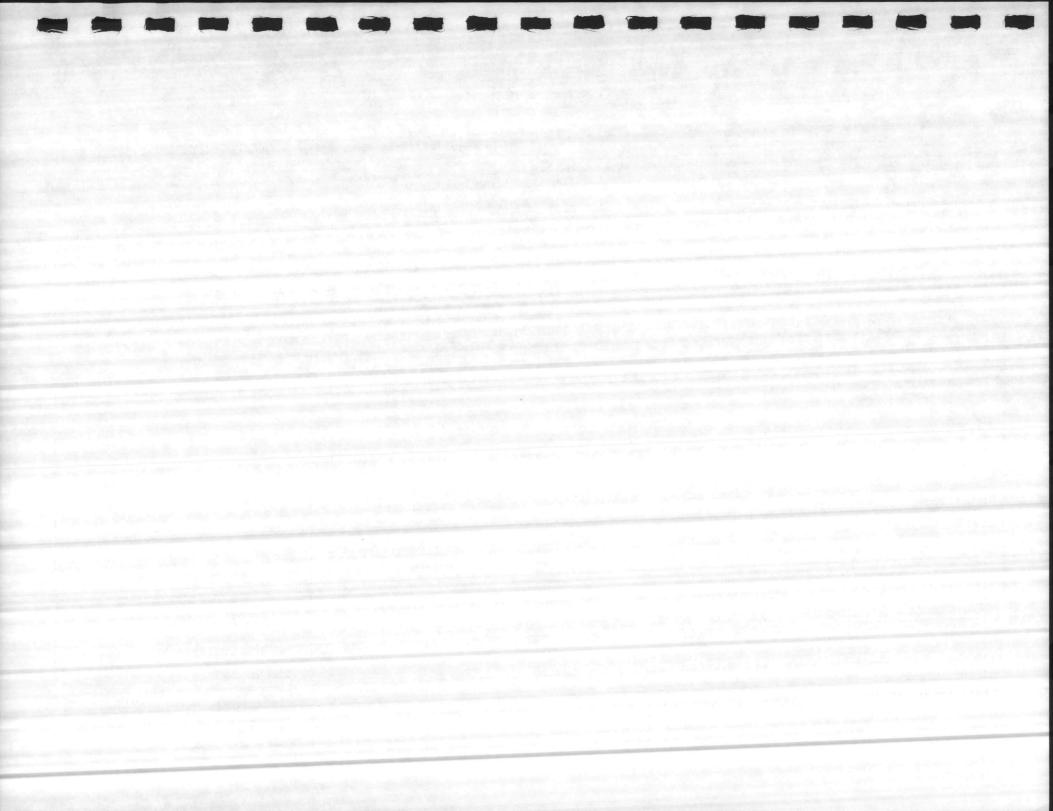


DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS
List Capacity of an 8-Hour Training Day. Specify: Unit of Measure, e.g., No. of Bns/Sqdns No. of Aircraft/Helos No. of AAVs/LCACs as Appropriate	Undefined		
Number of Days per Year the Maneuver Area is Available	 365 		
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	 NO 		
Other Maneuver Areas/Ranges Which Must Be Closed When This Maneuver Area is in Use	NA 		

FILE NAME: UP010028

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)	NA		
Restrictions on Maneuver Area Use Environmental			
Time of Day Time of Year			

FILE NAME: UP010028

PAGE 4 OF 5 DATE: 03/05/87

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

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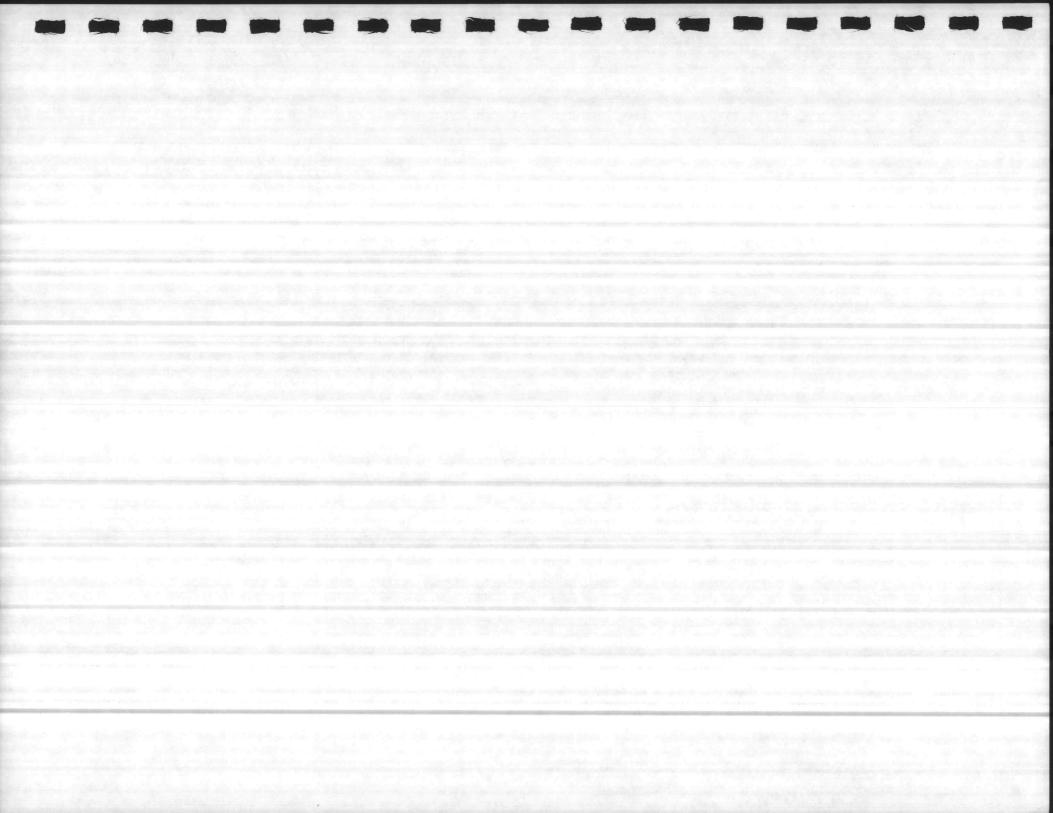
MANSUVER AREA MANAGER: D. J. Hashagen, St

DATE: 03/65/6

DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE
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		and the state of t	
NAME: UP010028		-1	1

PAGE 5 OF 5 DATE: 03/05/8

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



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

SUBMITTED BY: D. J. Hashagen, Sr., DRCO, AV 484-2102	Infantry TYPE MANEUVER AREA: TYPE MANEUVER AREA:
MANEUVER AREA NAME AND LOCATION: ALZ-7, MCB, Camp Lejeune, NC	Artillery Amphibious Exercises Armor (LAVs, AAVs, Tanks) MAGTF FTX Combined Arms Air-to-Ground Operations Communications Exercises X Administrative Landing Zone Logistics Exercises Other
INSTRUCTIONS: One form for each maneuver area	

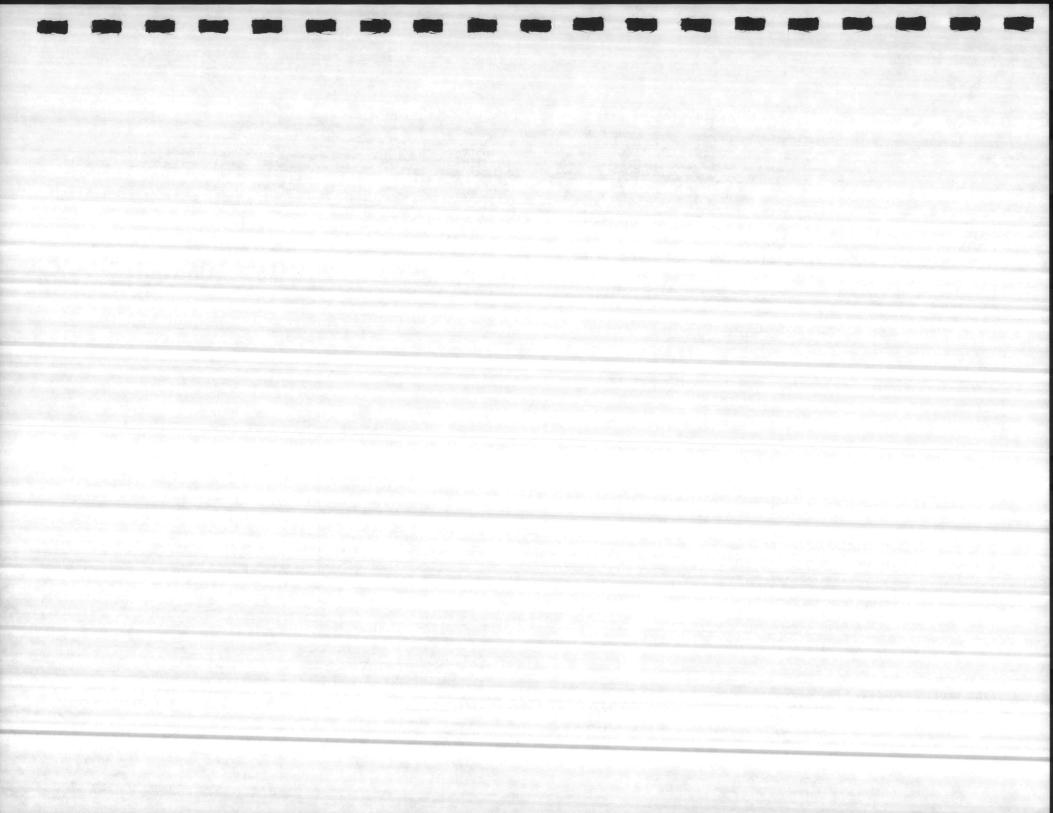
-- Use right column for new or improved maneuver areas needed DESIRED CHARACTERISTICS ANTICIPATED OR KNOWN CHANGES (SPECIFY YEAR NEEDED IF APPLICABLE) (INCLUDE YEAR) PRESENT CHARACTERISTICS DATA ELEMENT Range Shape and Dimensions Dimensions (km) Undefined Primary Direction of Fire | NA |TP916374 Coordinates 1/1 1/1 NORTH |Associated Air Space Ingress and Egress Routes... | NA Access No. of Land Access Routes...12 No. of Land Water Routes No. of Air Ingress Routes ... ! No. of Air Egress Routes | No. of Beach Access Areas ... !

FILE NAME: UP010029

PAGE 1 OF 5 DATE: 03/05/87

-- Fill in data elements as appropriate

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

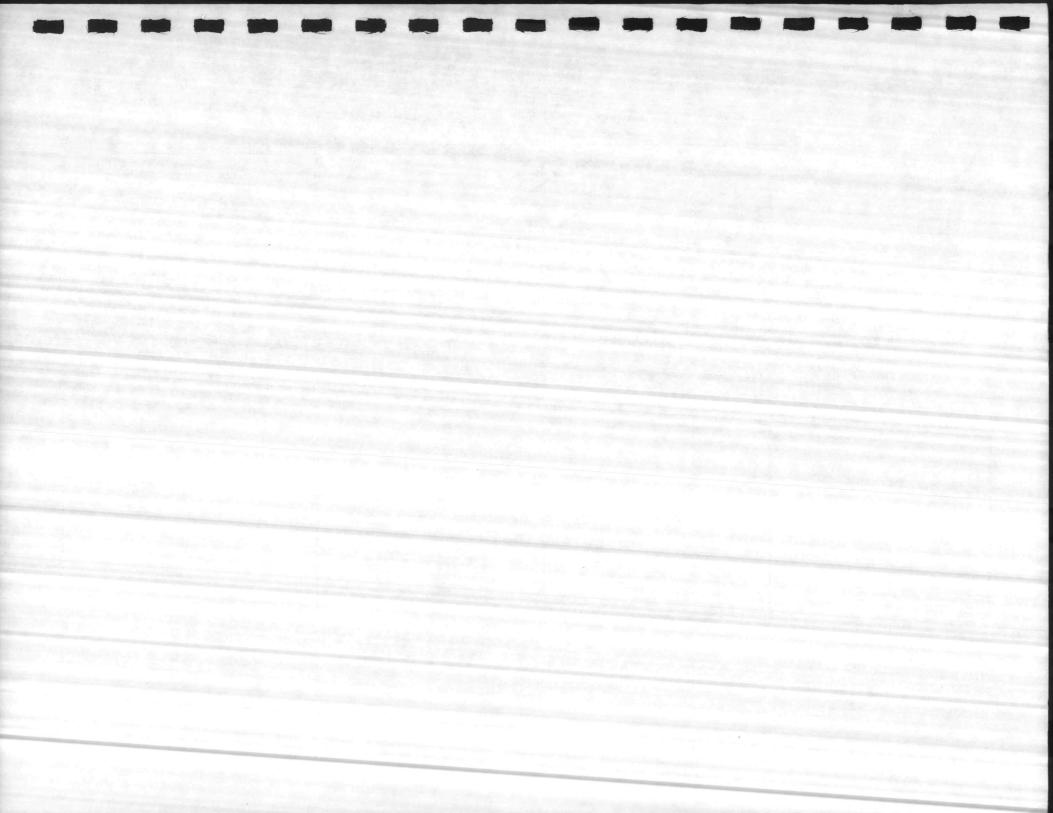


DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Climate Seasonal		NOT APPLICABLE	NOT APPLICABLE
Terrain Type Percentage Mountainous Percentage Rolling Percentage Swamp Percentage Desert Percentage Beach Percentage Level Percentage Water	00	NOT APPLICABLE	NOT APPLICABLE
Soil Type Percentage Rock	00	NOT APPLICABLE	NOT APPLICABLE
Vegetation Percentage None	00		

FILE NAME: UP010029

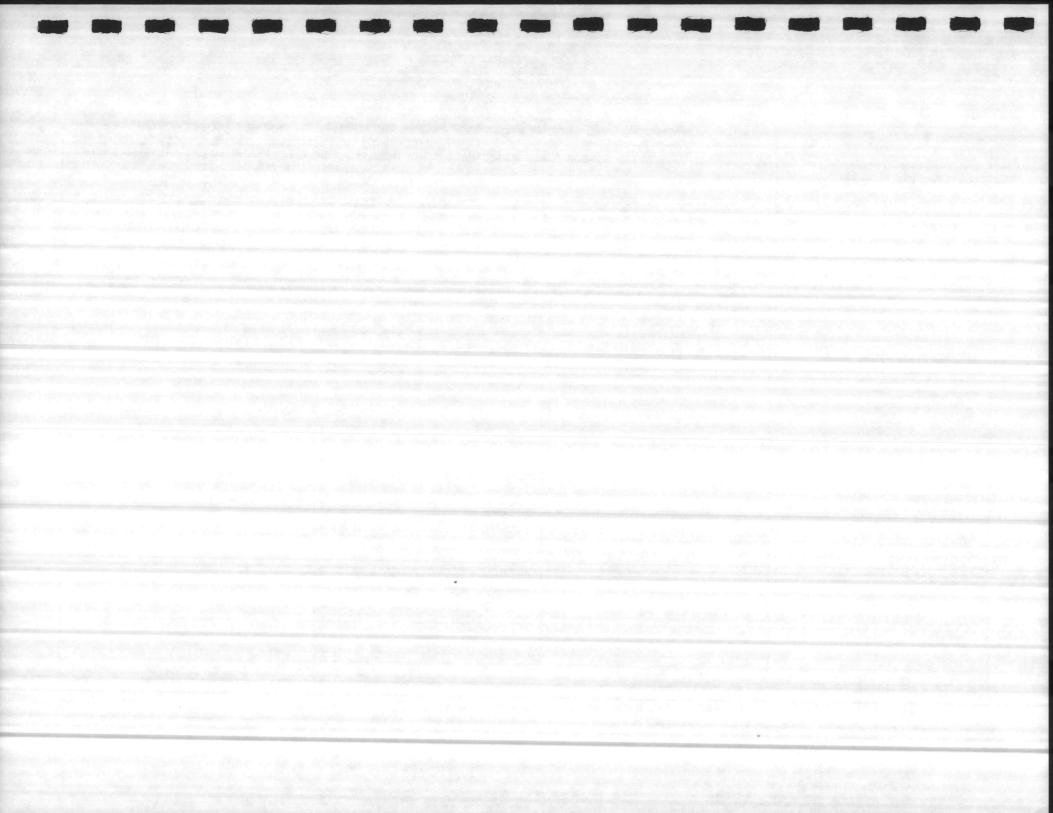
PAGE 2 OF 5 DATE: 03/05/87

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	Undefined		
Number of Days per Year the Maneuver Area is Available	365		
Non-availability per Year Total Maintenance. Weather. Budget. Fire Condition/Weather. Weekends/Holidays. Other.	NA 0	0	0
Is the Maneuver Area Capable of Nighttime Use? Yes, No	No		
Other Maneuver Areas/Ranges Which Must Be Closed When This Maneuver Area is in Use			

FILE	N	AME:		UP010029	
PAGE	3	OF	5	DATE:	03/05/87

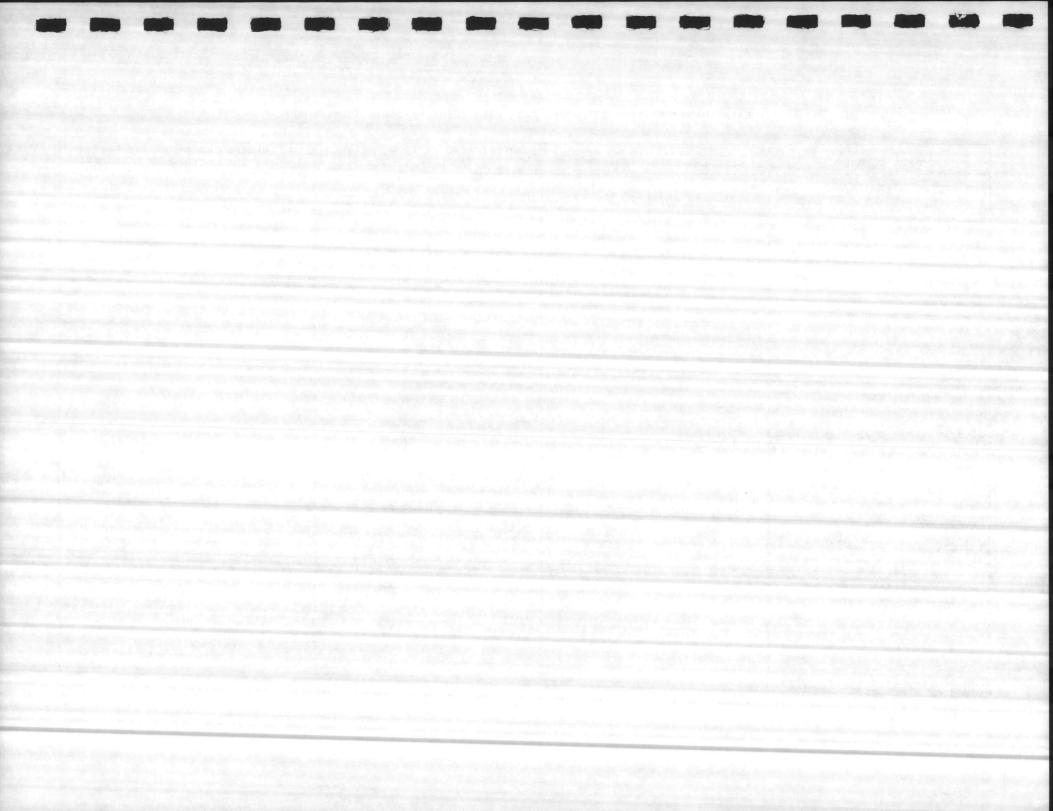


DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS
	Yes Power poles adjacent to ALZ		
Are There Site-unique Requirements Placed on Using Units? Yes, No, Explain	NA		
Distance from Supply Points POL (km)	NA		
Restrictions on Maneuver Area Use Environmental			

FILE NAME: UP010029

PAGE 4 OF 5 DATE: 03/05/87

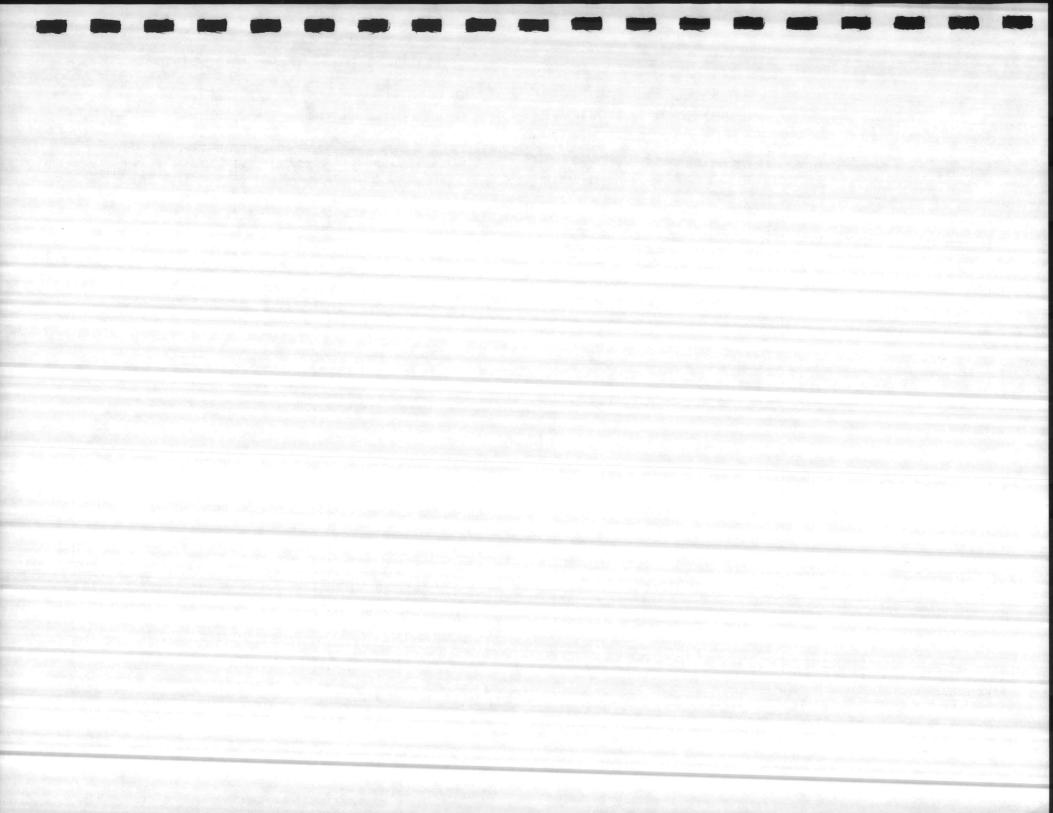
MANEUVER AREA MANAGER: D. J. Hashagen, Sr._



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

FILE NAME: UP010029 PAGE 5 OF 5 DATE: 03/05/87

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



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

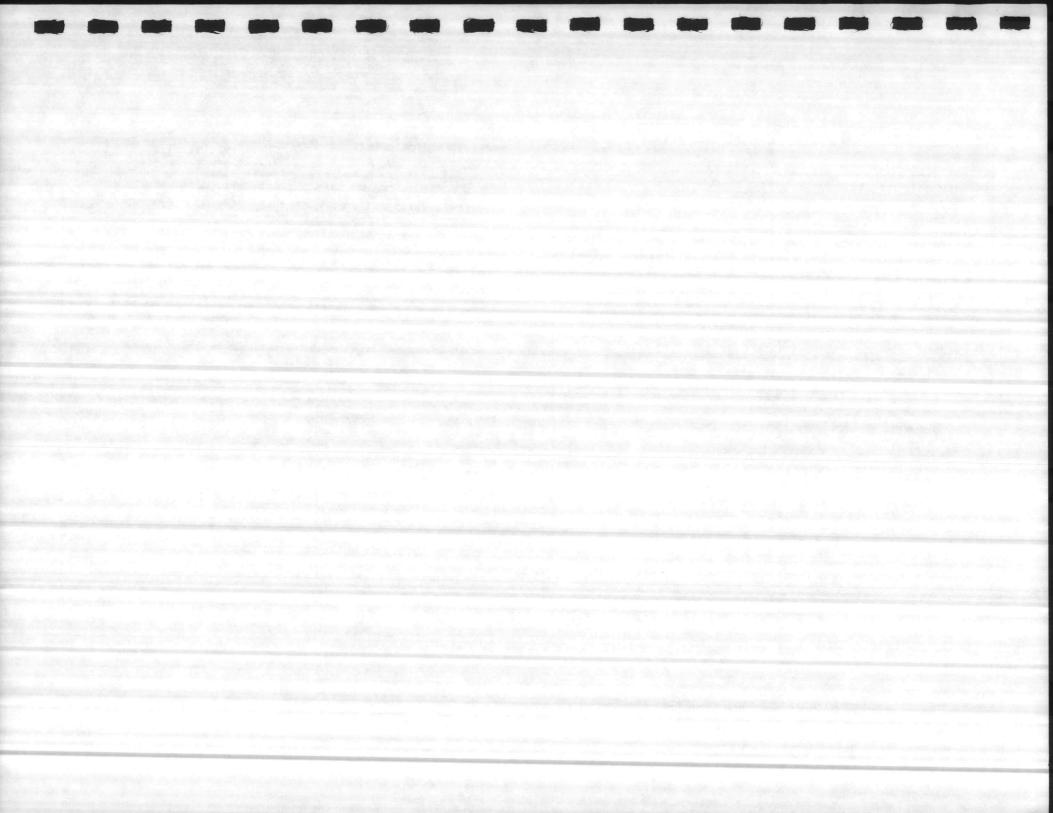
SUBMITTED BY: D. J. Hashagen, Sr., DRCO, AV 484-2102 MANEUVER AREA NAME AND LOCATION: ALZ-8, MCB, Camp Lejeune, NC	Infantry Electronic Warfare Artillery Amphibious Exercises Armor (LAVs, AAVs, Tanks) MAGTF FTX Combined Arms Air-to-Ground Operations Communications Exercises X Administrative Landing Zone 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	INA		
Coordinates	TP835294		
	 /\ /\ NORTH		
Associated Air Space Altitude (ft) Ingress and Egress Routes		······································	
			2010
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			

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PAGE 1 OF 5 DATE: 03/05/87

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

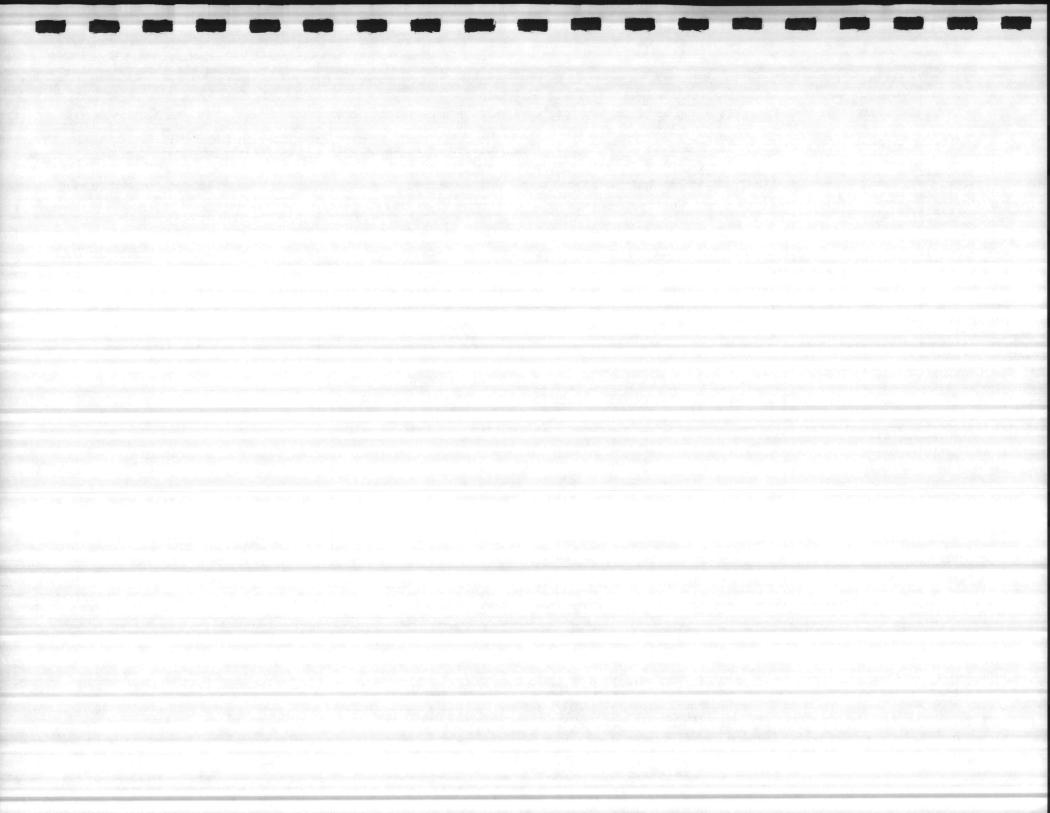


DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Climate Seasonal		NOT APPLICABLE	NOT APPLICABLE
Terrain Type Percentage Mountainous Percentage Rolling Percentage Swamp Percentage Desert Percentage Beach Percentage 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	100		

FILE NAME: UP010030

PAGE 2 OF 5 DATE: 03/05/8

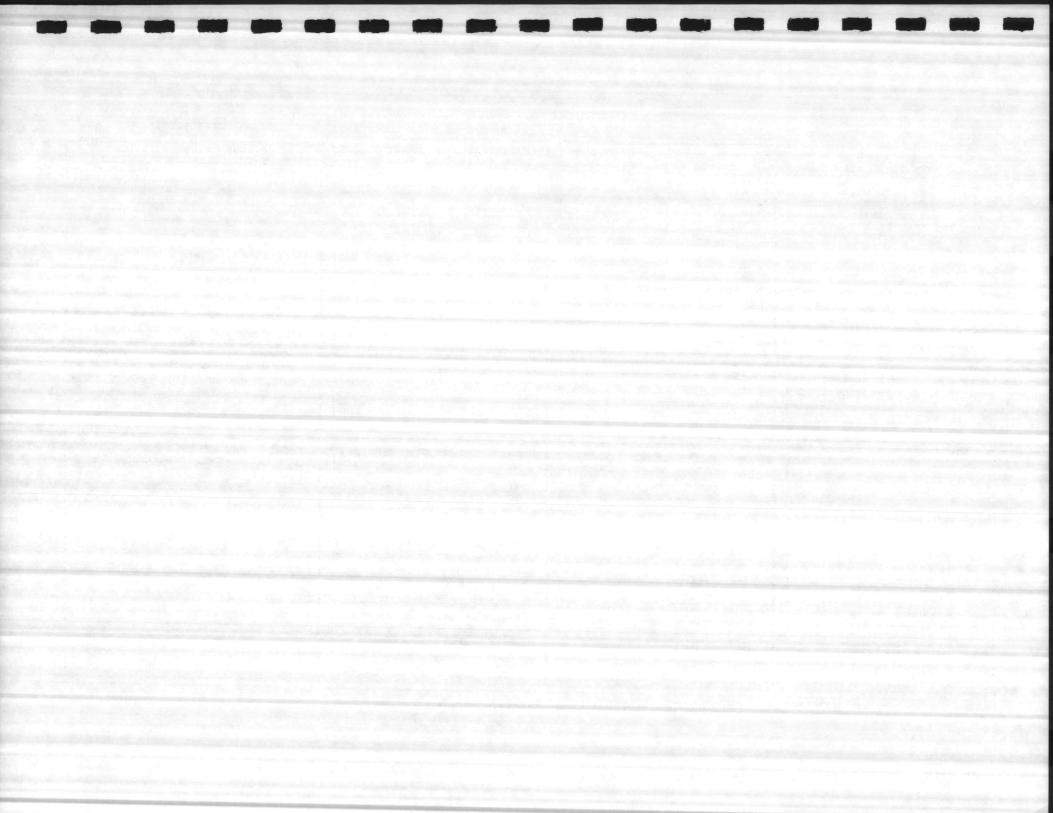
MANEUVER AREA MANAGER: D. J. Hashagen, Sr.



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	 365 		
Non-availability per Year Total Maintenance Weather Budget Fire Condition/Weather Weekends/Holidays		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: UP010030
PAGE 3 OF 5 DATE: 03/05/87

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

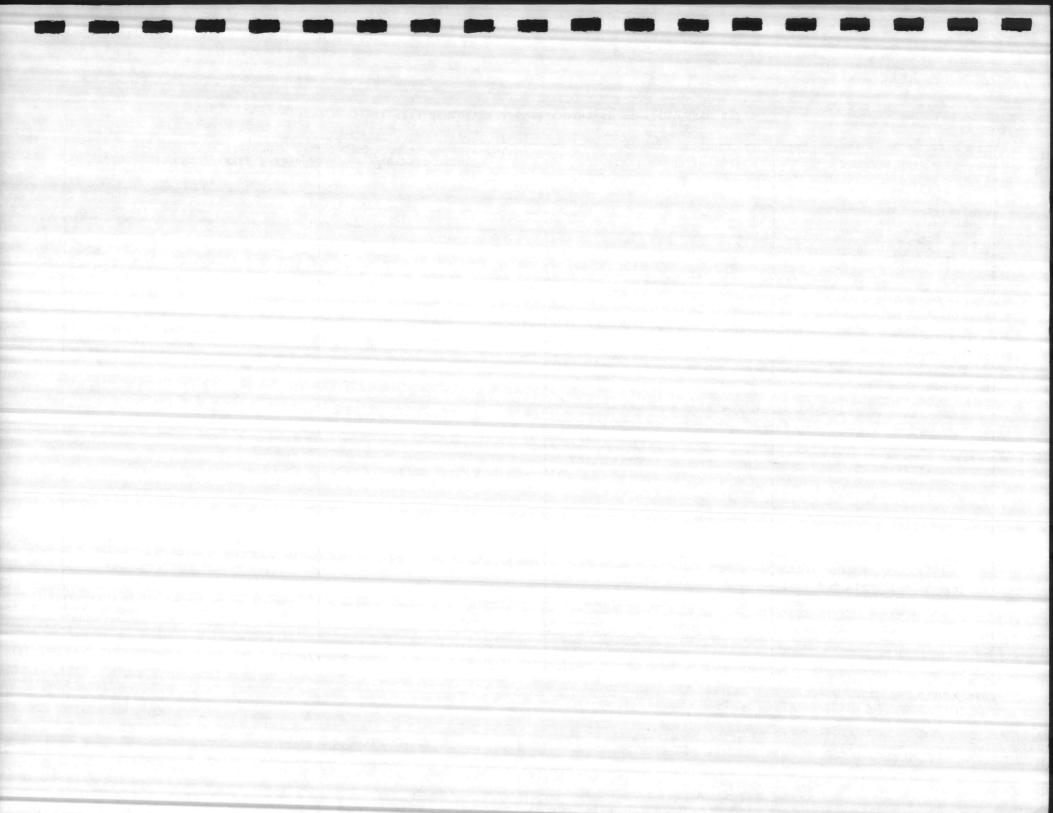


DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Are There Site-unique Features (Waivers to Man- euver Area Standards, Safety, etc.)? Yes, No, Explain	NA		
Are There Site-unique Requirements Placed on Using Units? Yes, No, Explain	I NA		
Distance from Supply Points POL (km)	NA		
Restrictions on Maneuver Area Use Environmental			
Other			

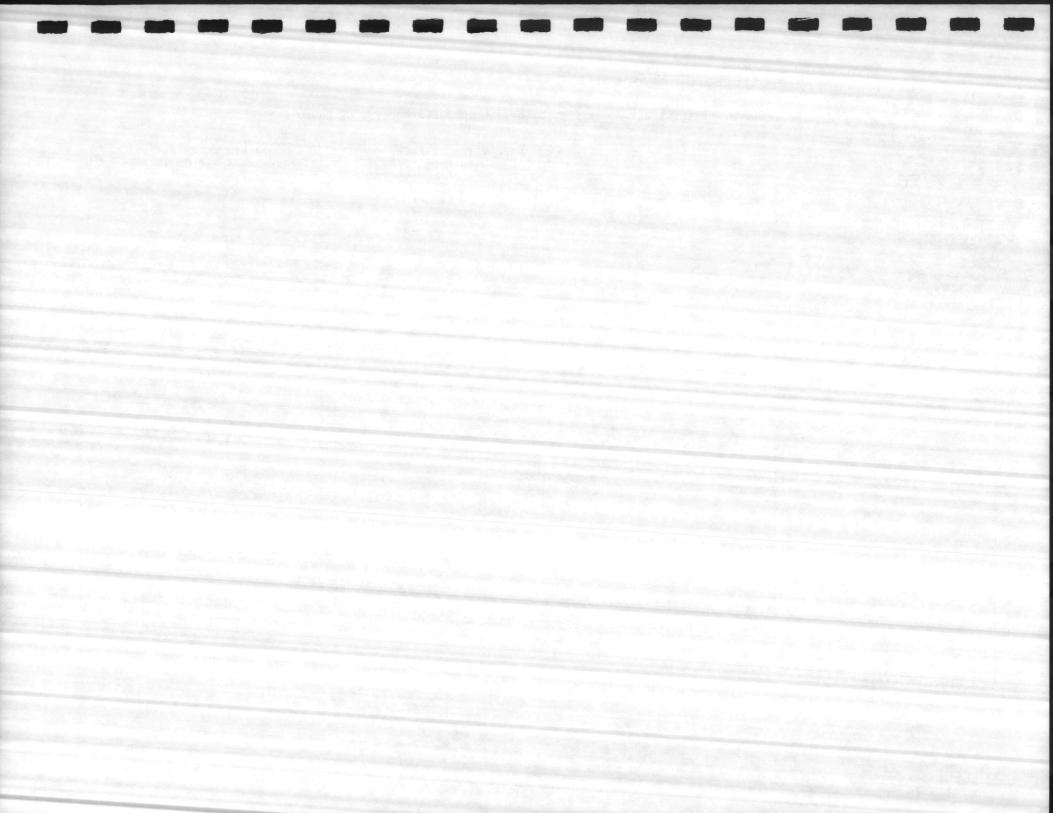
FILE NAME: UP010030

PAGE 4 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
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LATAR MANEUVER AREA INVENTORY DATA FORM (UTMAS-P-0001)

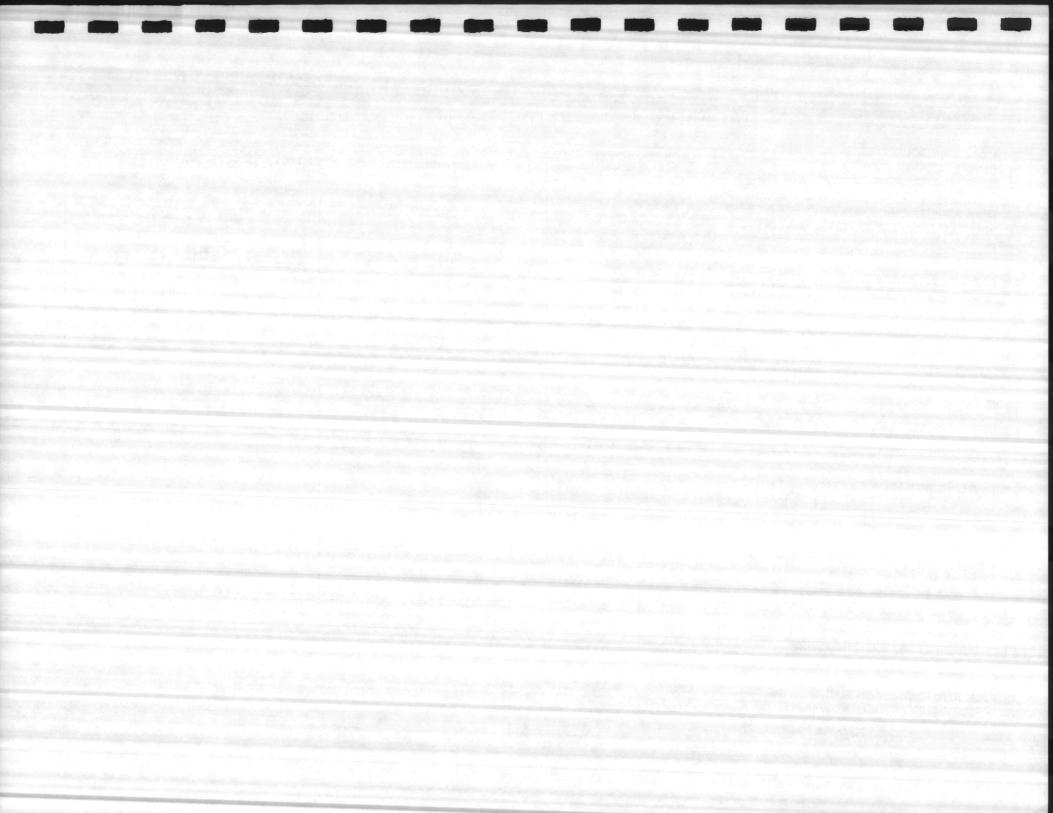
SUBMITTED BY: D. J. Hashagen, Sr., DRCO, AV 484-2102	Infantry — Electronic Warfare Artillery Amphibious Exercises
MANEUVER AREA NAME AND LOCATION: ALZ-10, MCB, Camp Lejeune, N	
INSTRUCTIONS: One form for each maneuver area Fill in data elements as appropriate Use right column for new or improved maneuver areas needed	

DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS
Range Shape and Dimensions Dimensions (km)	 Undefined		
Primary Direction of Fire	I NA 		
Coordinates	TP924423		
Associated Air Space Altitude (ft) Ingress and Egress Routes	 17,999 NA		
Access No. of Land Access Routes	 		
No. of Land Water Routes			
No. of Air Ingress Routes No. of Air Egress Routes			

FILE NAME: UP010031

PAGE 1 OF 5 DATE: 03/05/87

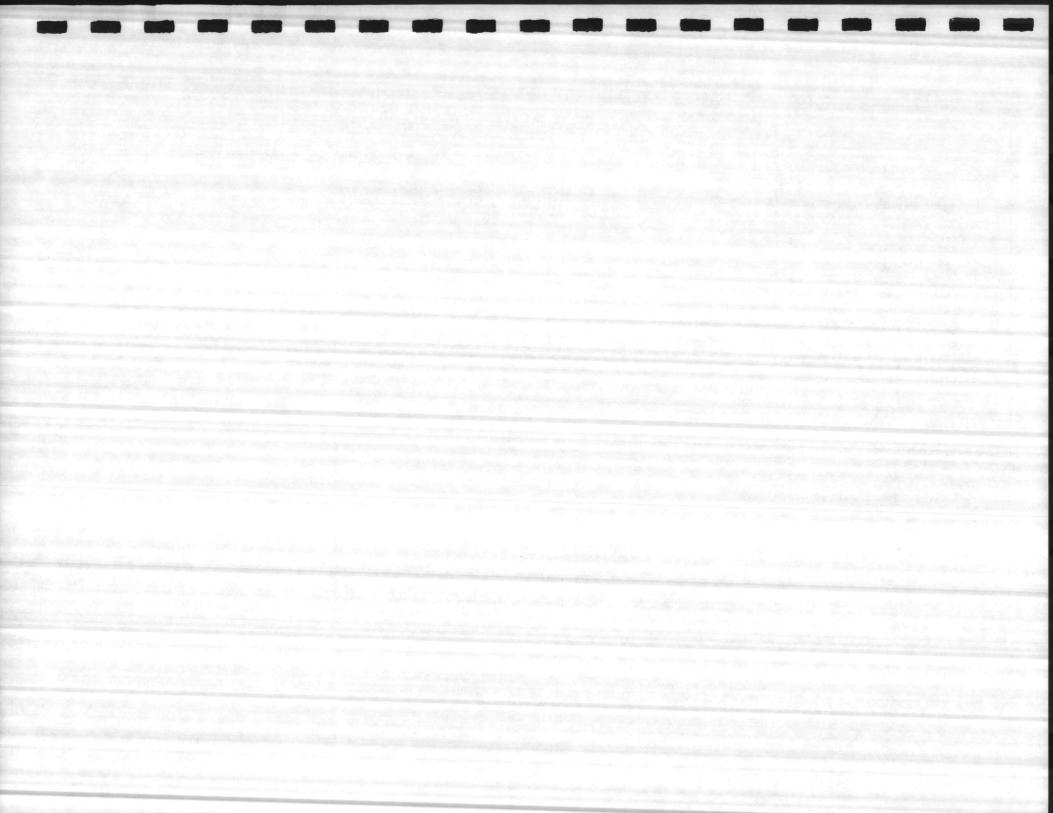
MANEUVER AREA MANAGER: D. J. Hashagen, Sr._



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 Seasonal Season	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	100 Paved	NOT APPLICABLE	NOT APPLICABLE
Vegetation Percentage None	100		

FILE NAME: UP010031 PAGE 2 OF 5 DATE: DATE: 03/05/87

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



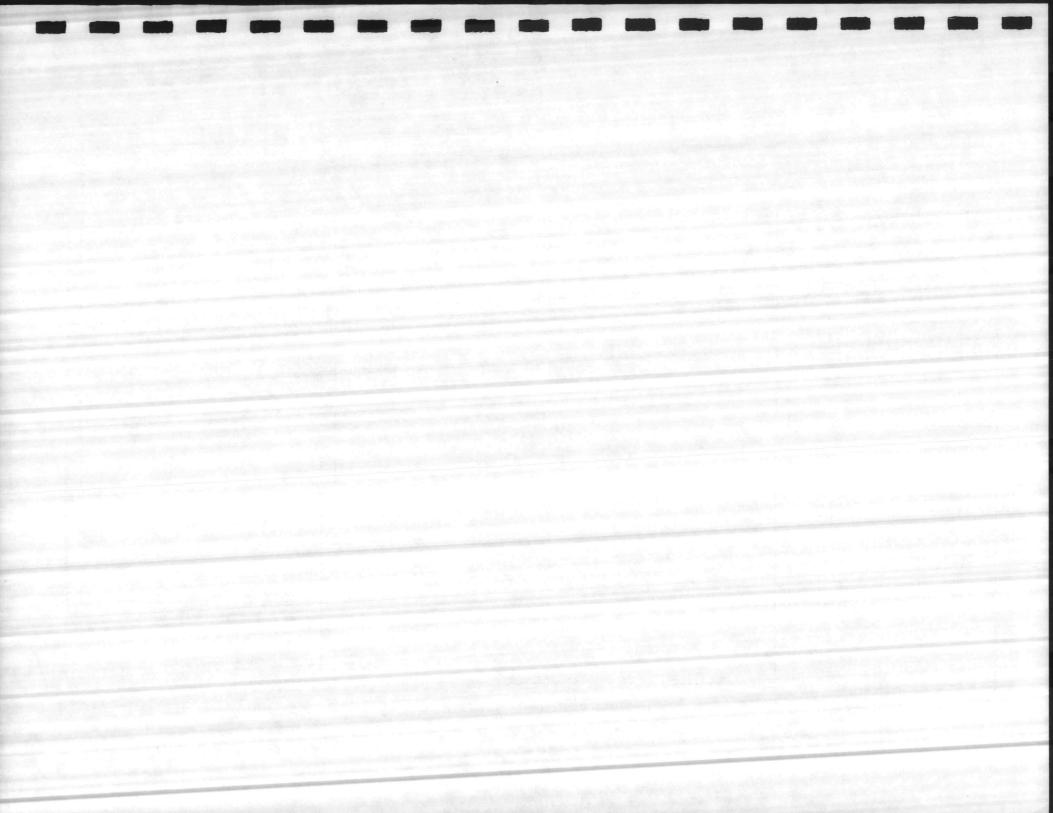
PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Undefined		
NA NA 0 	0	0
No		
NA		
	Undefined 365 NA 0	PRESENT CHARACTERISTICS (INCLUDE YEAR) Undefined NA 0 0

FILE	NAME:	UP010031

PAGE 3 OF 5 DATE: 03/05/87

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

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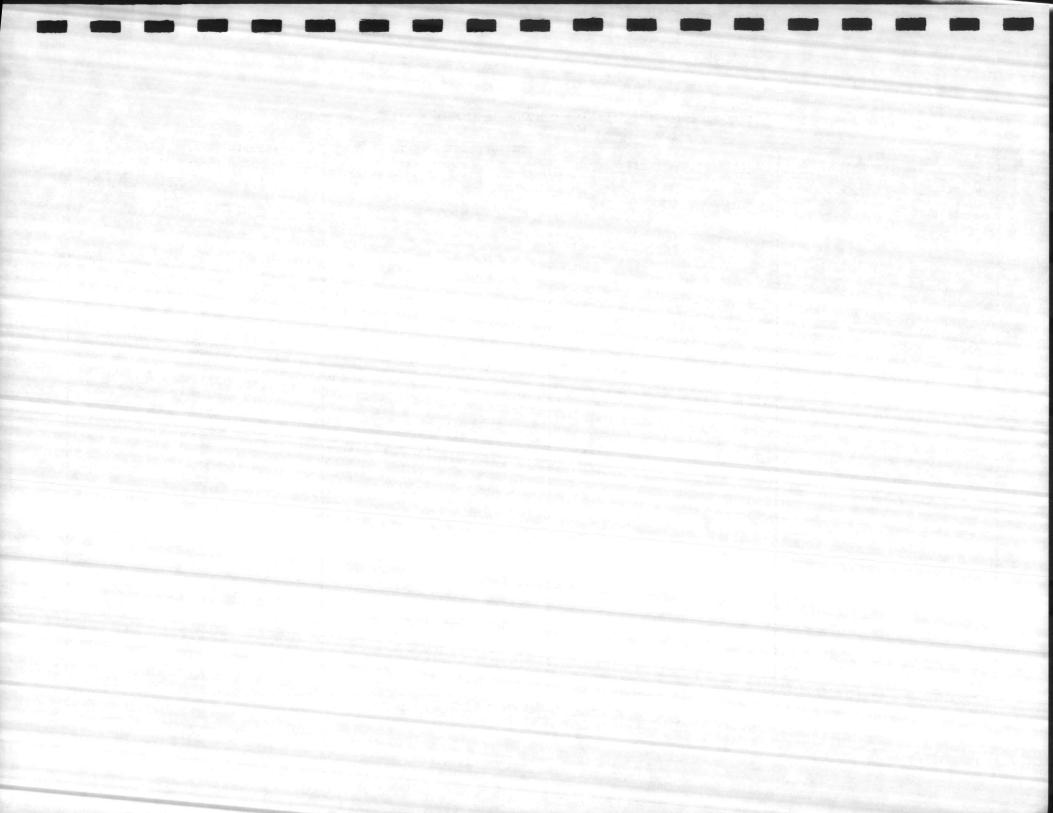


DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
	Yes Restricted use tennis court adjacent to Officers' Club		
Are There Site-unique Re- quirements Placed on Using Units? Yes, No, Explain	NA		
Distance from Supply Points POL (km)	NA		
Restrictions on Maneuver Area Use Environmental			

FILE NAME: UP010031

PAGE 4 OF 5 DATE: 03/05/87

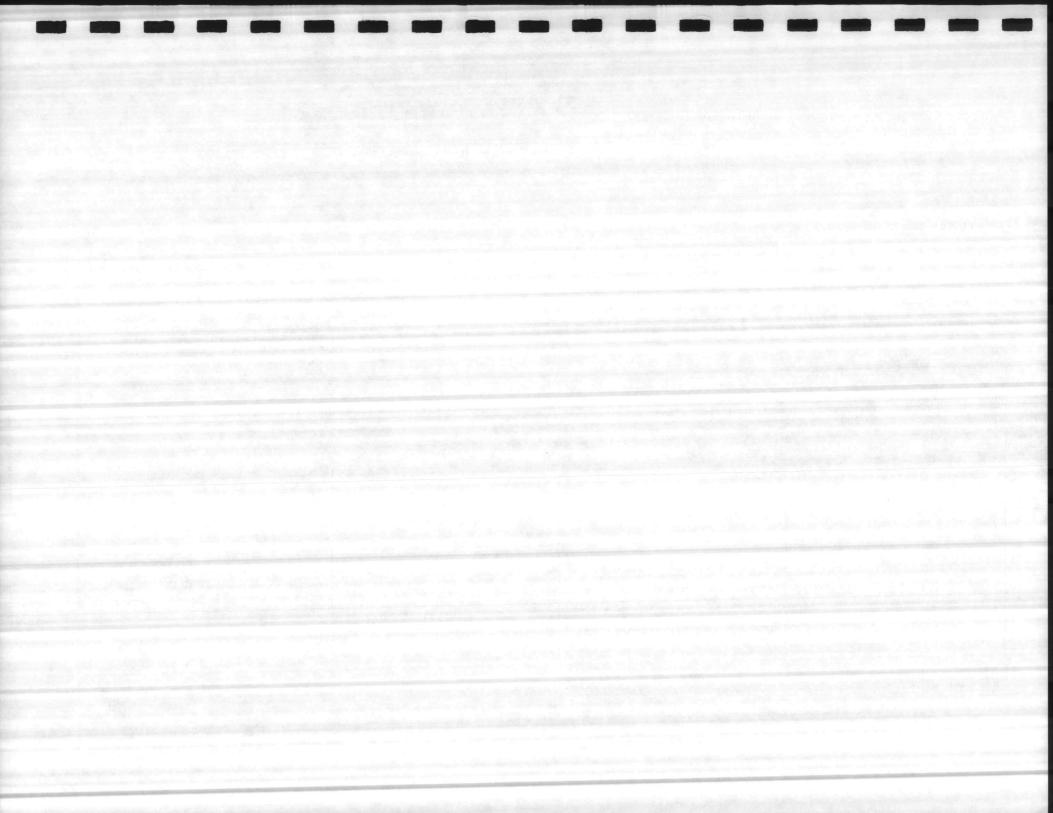
MANEUVER AREA MANAGER: D. J. Hashagen, Sr.



DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED	CHARACTERISTICS NEEDED IF APPLICABLE
DATA ELEMENT	-	-		
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		발표 경기를 보는 그는 그래를 다고 말로 되었다.		
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FILE NAME: UP010031
PAGE 5 OF 5 DATE: 03/05/87

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



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

SUBMITTED BY: D. J. Hashagen, Sr., DRCO, AV 484-2102	Infantry Electronic Warfare
MANEUVER AREA NAME AND LOCATION: ALZ-11, MCB, Camp Lejeune, NC	Combined Arms Air-to-Ground Operations Communications Exercises X Administrative Landing Zone
INSTRUCTIONS: One form for each maneuver area	Logistics Exercises Other

PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
defined		
851388		
,999		
	defined 851388	defined 851388

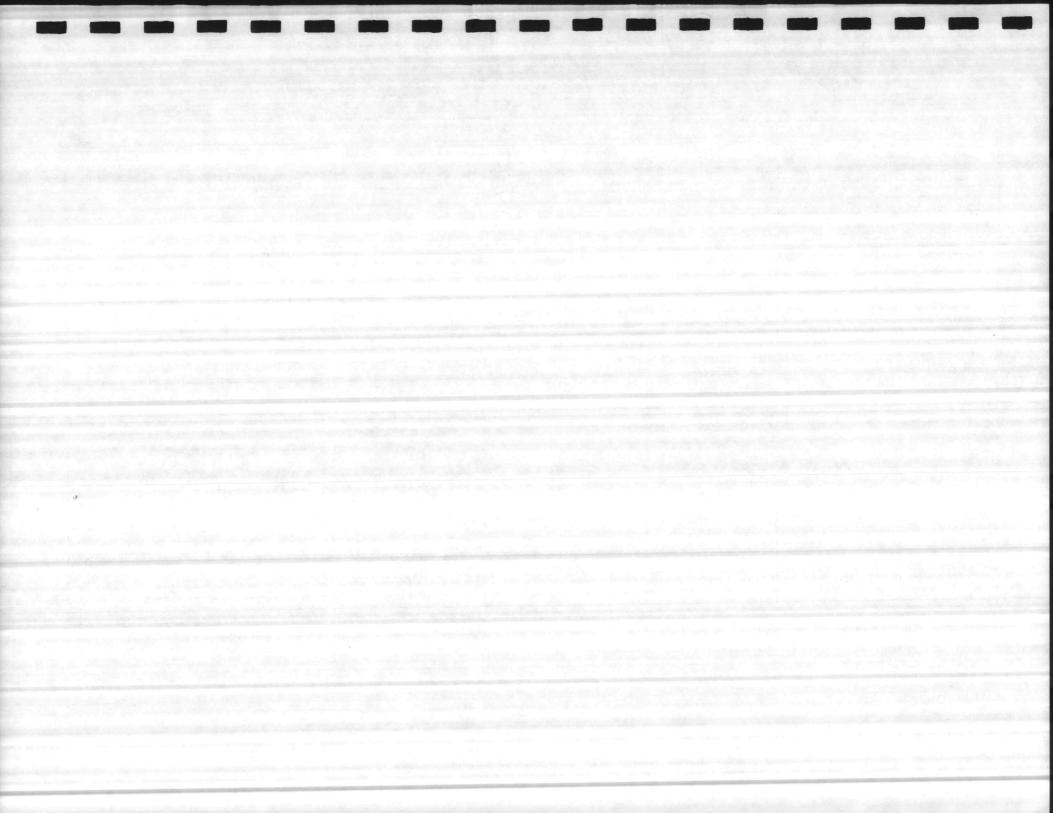
FILE NAME: UP010032

PAGE 1 OF 5 DATE: 03/05/87

-- Fill in data elements as appropriate

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

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

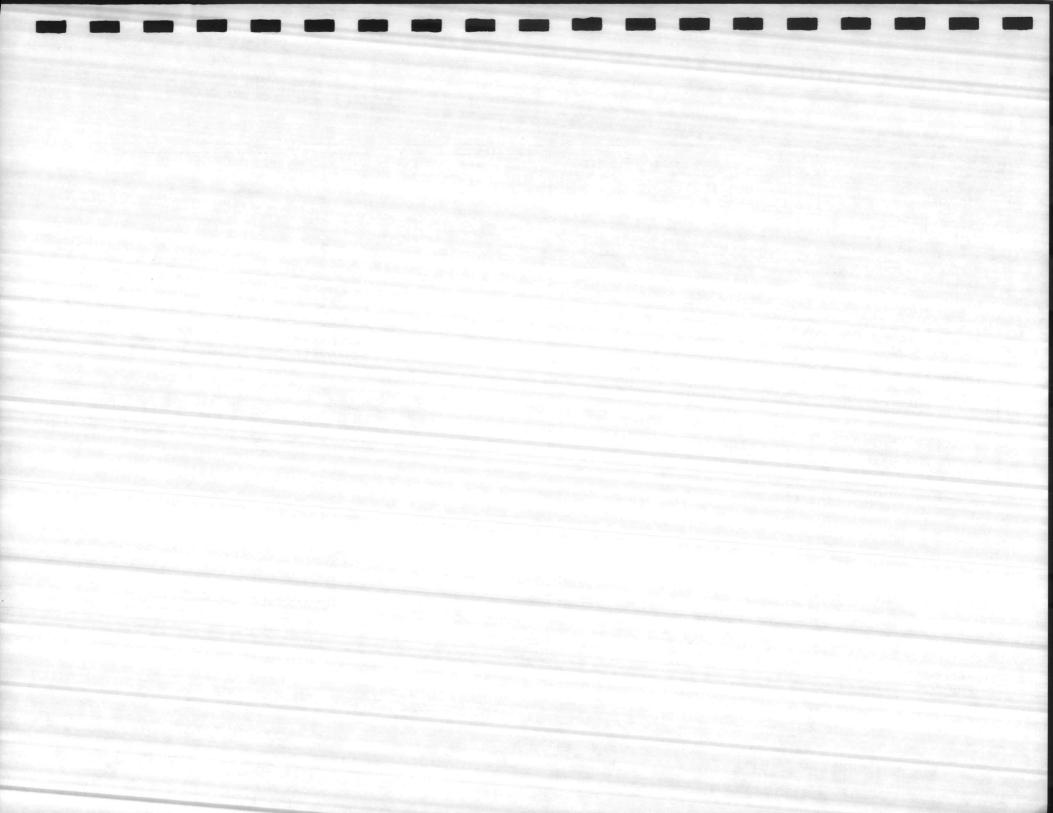


DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Climate Seasonal Tropic Temperate Arctic Desert		NOT APPLICABLE	NOT APPLICABLE
All-Weather (Indoor)Other			
Terrain Type Percentage Mountainous			
Percentage Rolling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

FILE NAME: UP010032

PAGE 2 OF 5 DATE: 03/05/87

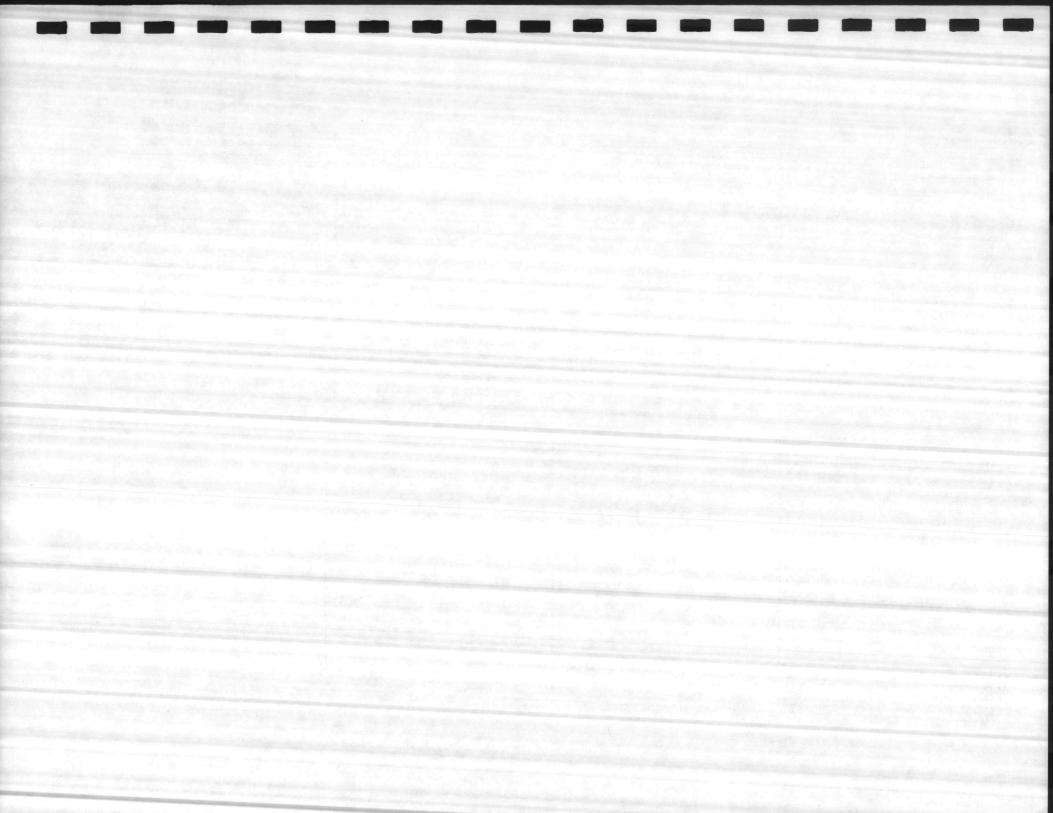
MANEUVER AREA MANAGER: D. J. Hashagen, Sr._



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	Undefined		
Number of Days per Year the Maneuver Area is Available	365		
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	No		
Other Maneuver Areas/Ranges Which Must Be Closed When This Maneuver Area is in Use	NA		

FILE NAME: UP010032 PAGE 3 OF 5 DATE: 03/05/87

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

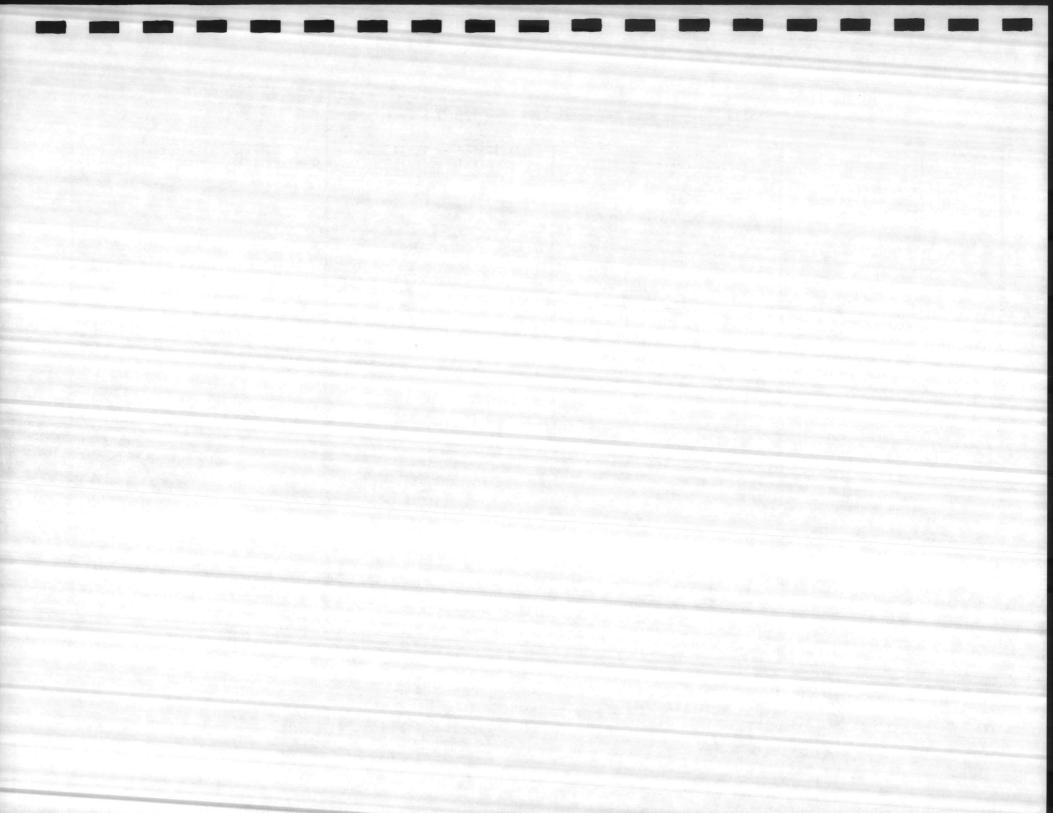


DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
	Yes Located in built-up area		
Are There Site-unique Re- quirements Placed on Using Units? Yes, No, Explain	NA		
Distance from Supply Points POL (km)	INA		
Restrictions on Maneuver Area Use Environmental			

FILE NAME: UP010032

PAGE 4 OF 5 DATE: 03/05/87

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

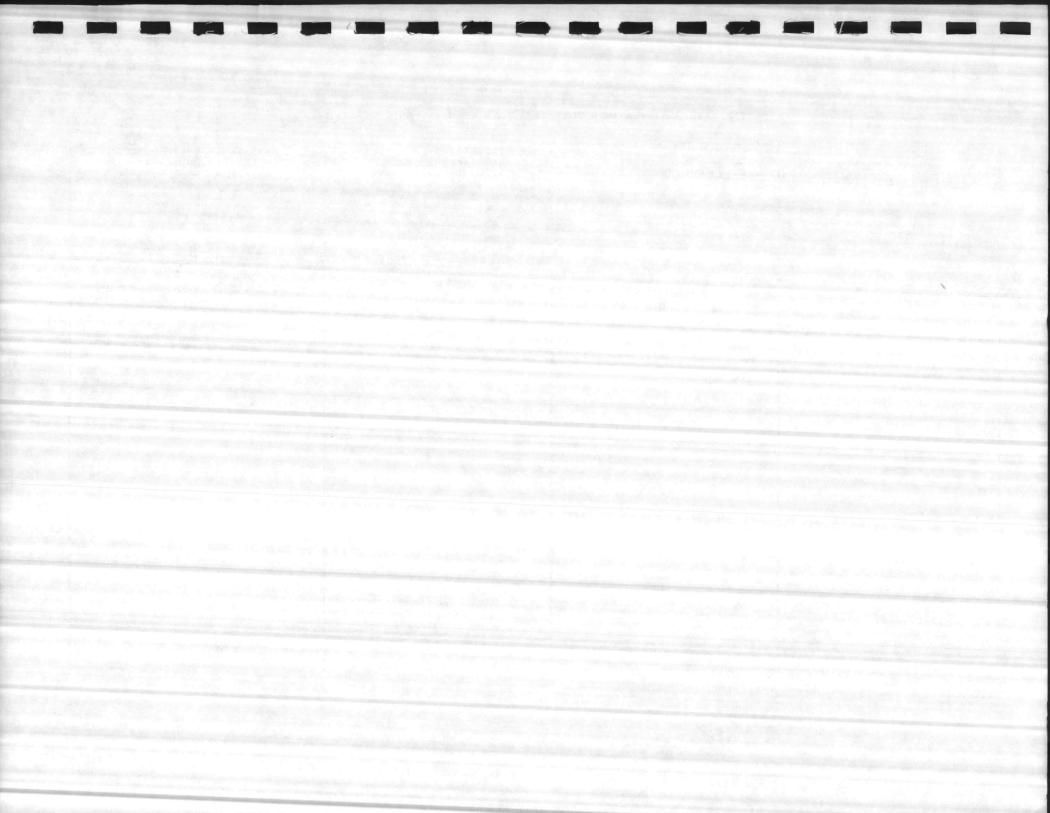


DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE
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FILE NAME: UP010032

PAGE 5 OF 5 DATE: 03/05/87

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



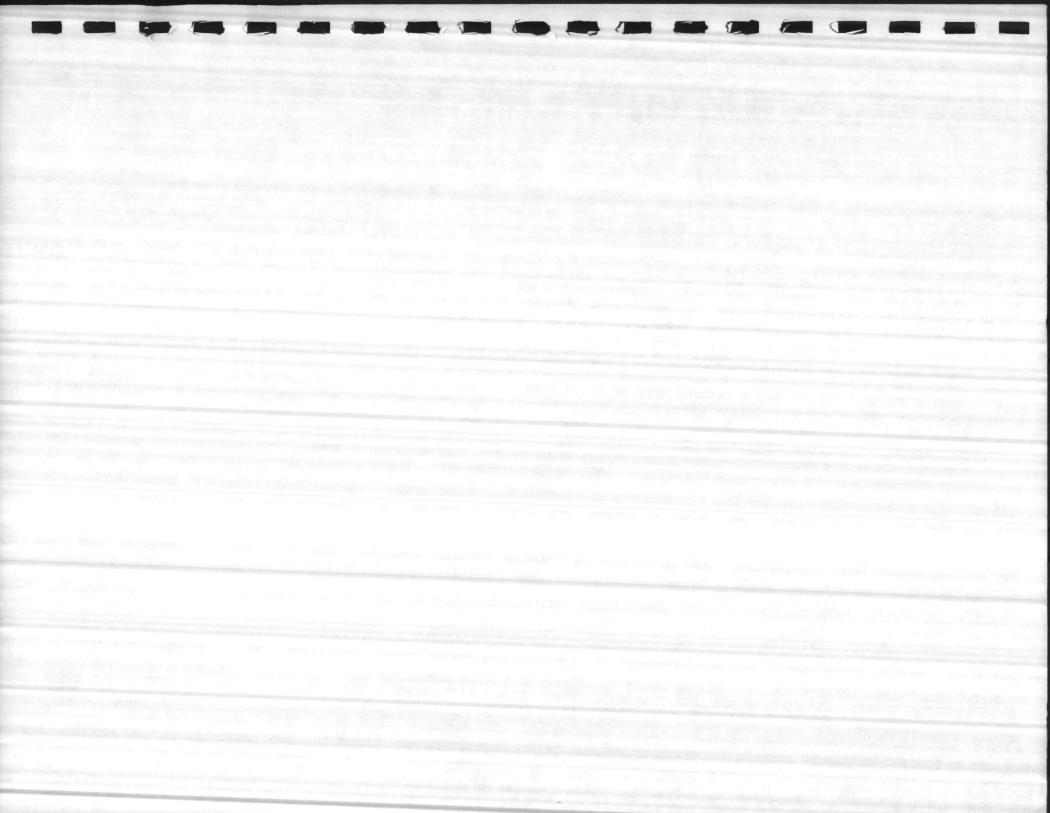
SUBMITTED BY: D. J. Hashagen, Sr., DRCO, AV 484-2102	Infantry Electronic Warfare Artillery Amphibious Exercises
MANEUVER AREA NAME AND LOCATION: ALZ-12, MCB, Camp Lejeune, NC	Armor (LAVs, AAVs, Tanks) MAGTF FTX Combined Arms Air-to-Ground Operations Communications Exercises X Administrative Landing Zone 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	Undefined Undefined INA ITP808438		
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			

PTIP	NAME .	IIPO100	133

UP010033 DATE: 03/05/87 PAGE 1 OF 5

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

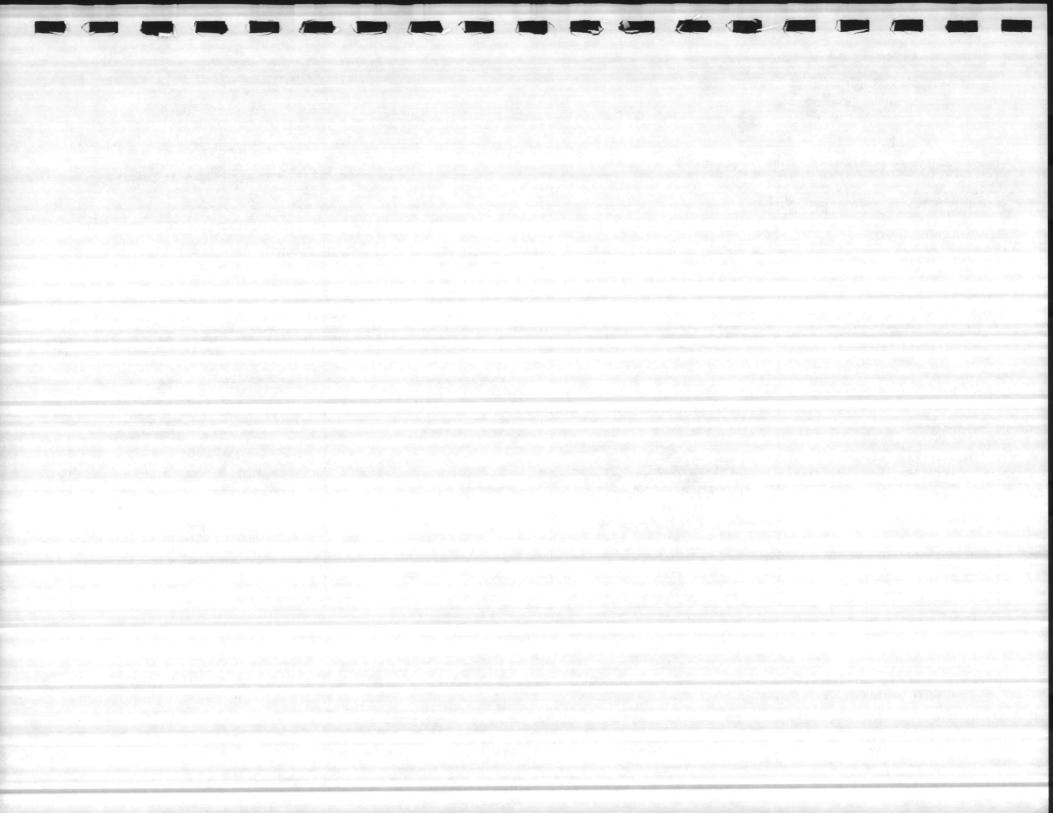


DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Climate Seasonal	x	NOT APPLICABLE	NOT APPLICABLE
Terrain Type Percentage Mountainous Percentage Rolling Percentage Swamp Percentage Desert Percentage Beach Percentage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

FILE NAME: UP010033 PAGE 2 OF 5 DATE:

DATE: 03/05/87

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

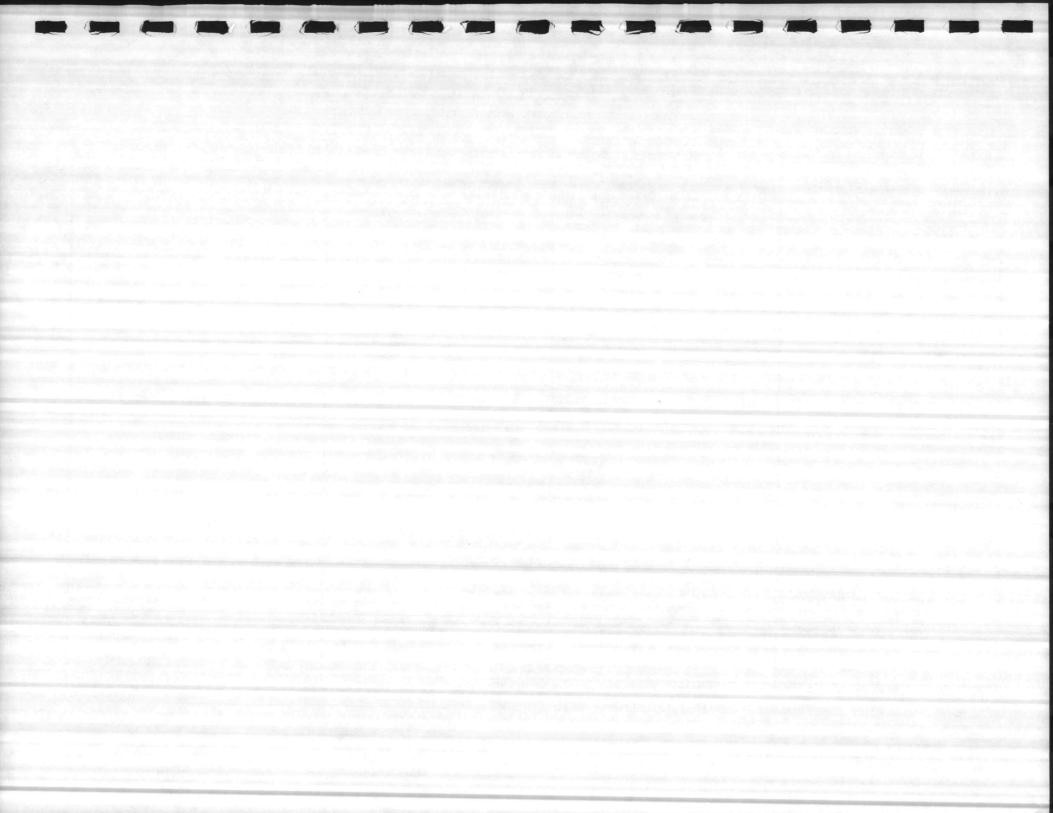


DATA ELEMENT	PRESENT CHA	ARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)		CHARACTERISTICS NEEDED IF APPLICABLE)
List Capacity of an 8-Hour Training Day. Specify: Unit of Measure, e.g., No. of Bns/Sqdns No. of Aircraft/Helos No. of AAVs/LCACs					
Number of Days per Year the Maneuver Area is Available	 365 				
			0	0	
Is the Maneuver Area Capable of Nighttime Use? Yes, No	 No 			,	
Other Maneuver Areas/Ranges Which Must Be Closed When This Maneuver Area is in Use	INA				

FILE	NAME:	UP010033	

PAGE 3 OF 5 DATE: 03/05/87

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

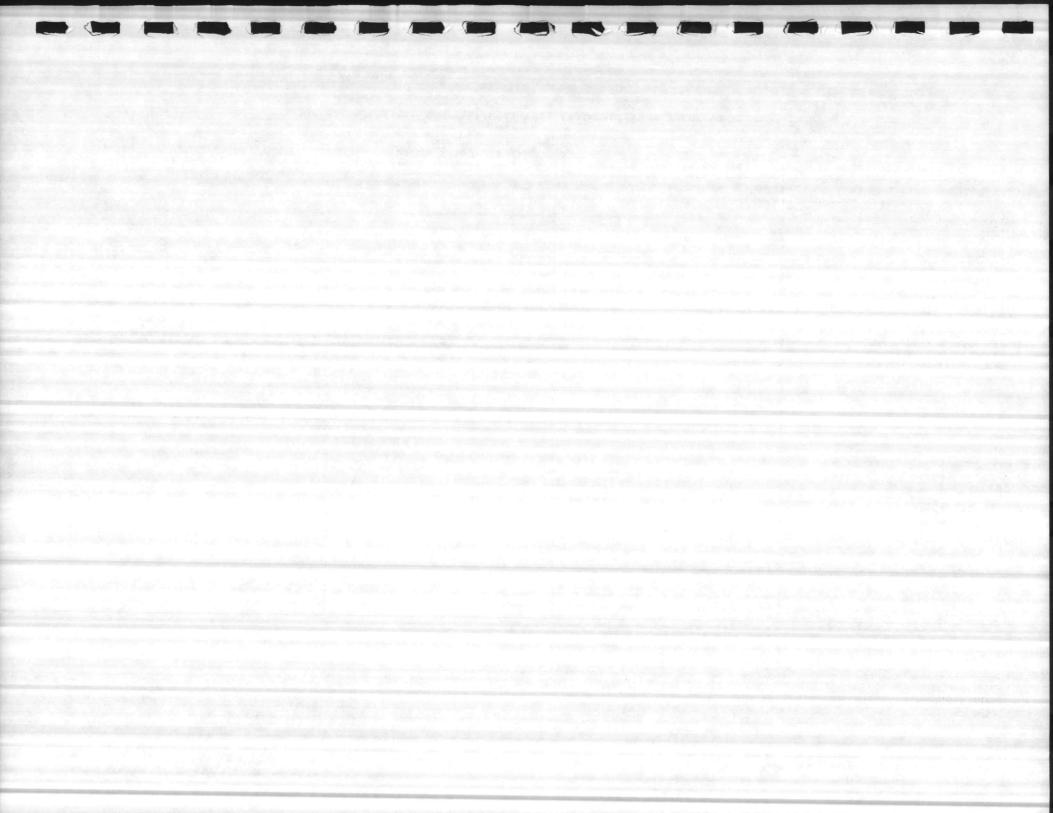


DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED	CHARACTERISTICS NEEDED IF APPLICABLE
re There Site-unique Features (Waivers to Man- euver Area Standards, Safety, etc.)?	Yes Located on golf course			
Yes, No, Explain				
quirements Placed on Using	NA			
Units?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

FILE NAME: UP010033

PAGE 4 OF 5 DATE: 03/05/87

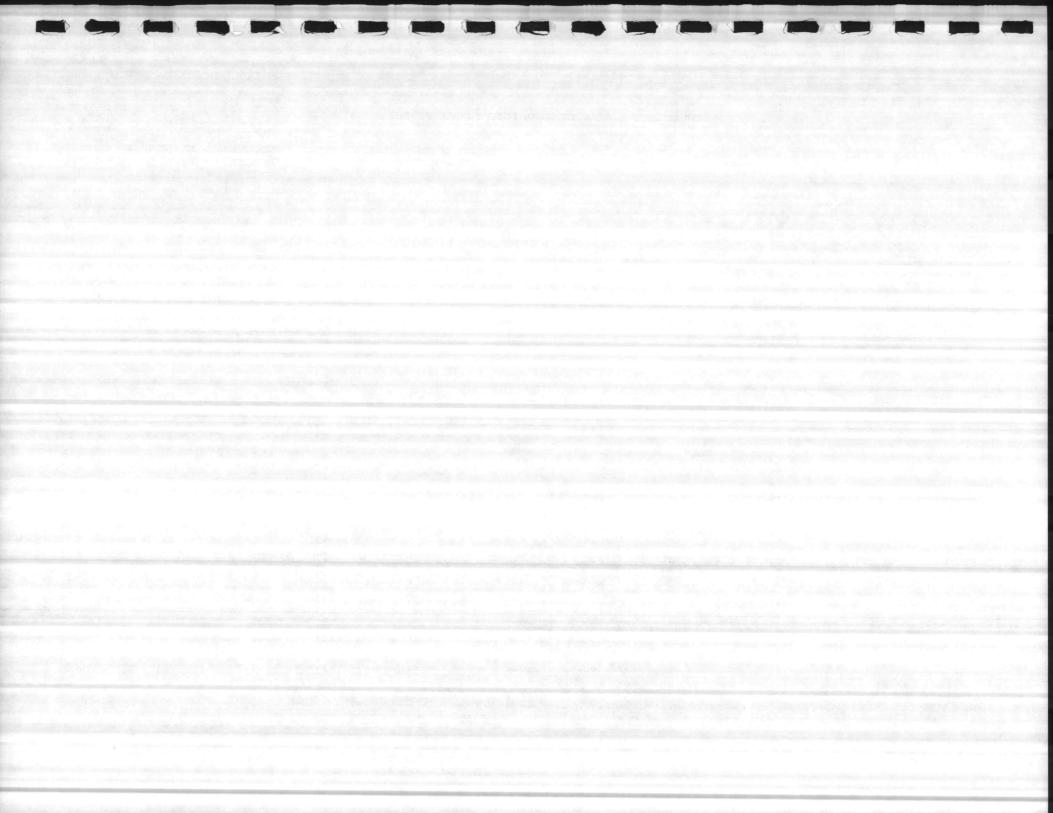
MANEUVER AREA MANAGER: D. J. Hashagen, Sr._



DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE
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	5. [P. 14] - 마스 시프로그 - 프로그 - 프로그 - 프로그		
	하나 나는 사람이 아니라 아이를 가게 되었다.		
	그렇지 그리는 얼마나 되었다.		
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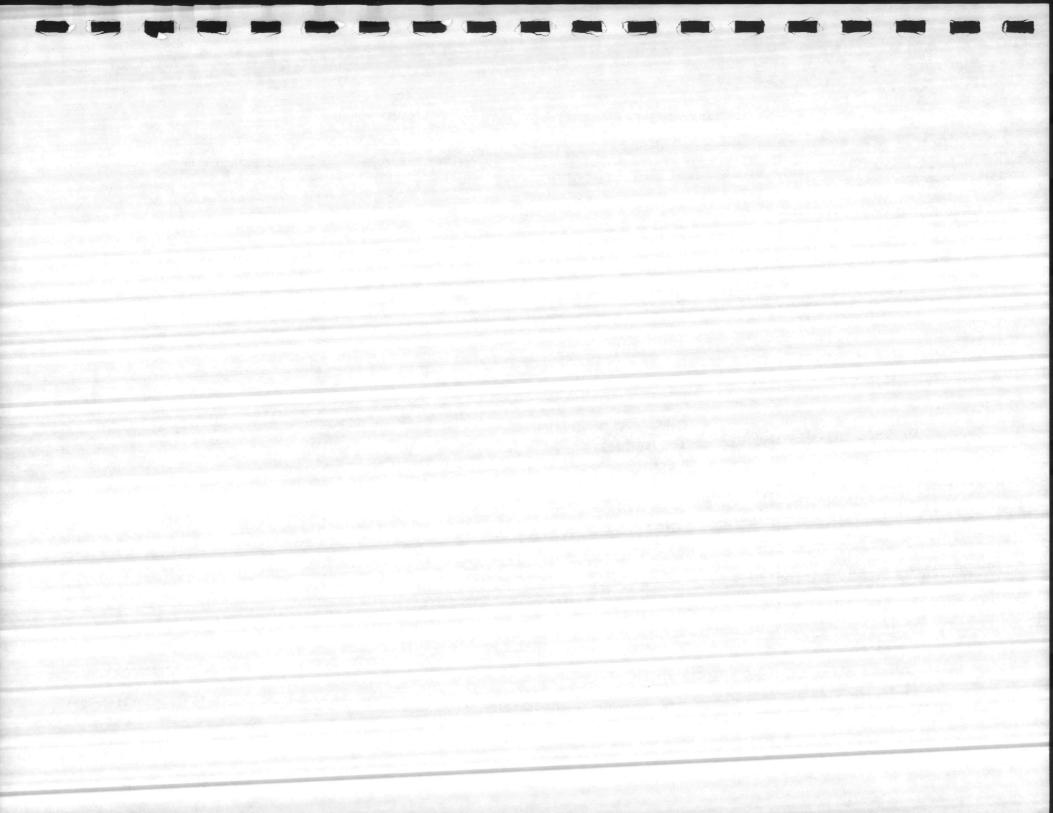
FILE NAME: UP010033
PAGE 5 OF 5 DATE: 03/05/87

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



SUBMITTED BY: D. J. Hashagen, MANEUVER AREA NAME AND LOCATION INSTRUCTIONS: One form for each maneuver a Fill in data elements as app Use right column for new or	: ALZ-14, MCB, Camp Lejeune, NC rea ropriate	Infantry Artillery Armor (LAVs, AAVs, Tanks) Combined Arms Communications Exercises Logistics Exercises	Electronic Warfare Amphibious Exercises MAGTF FTX Air-to-Ground Operations
I DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS
Primary Direction of Fire Coordinates	Undefined NA TP753300		
Associated Air Space Altitude (ft)	마음하게 위에서 ^ Christia 있는 Bulletin (Bulletin) - Here Here Here Here Here Here Here He		
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: UP010034 PAGE 1 OF 5 DATE: DATE: 03/05/87

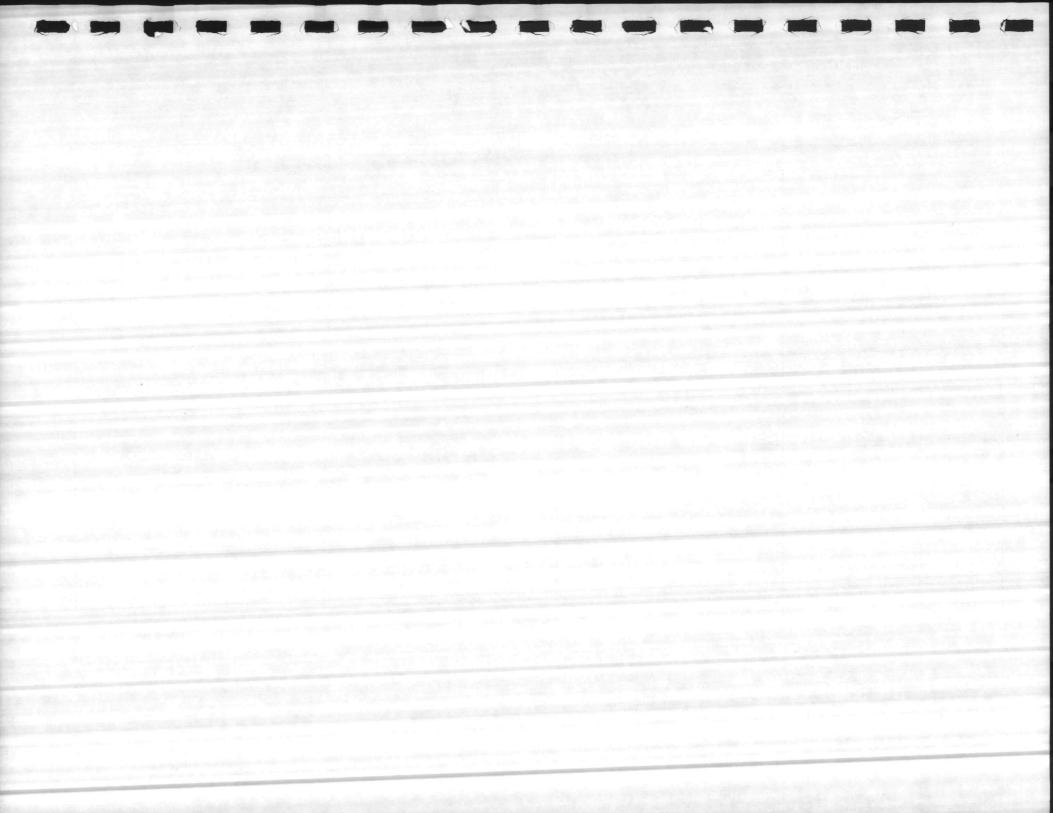


DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Climate Seasonal Tropic Temperate Arctic Desert All-Weather (Indoor)		NOT APPLICABLE	NOT APPLICABLE
Terrain Type Percentage Mountainous Percentage Rolling Percentage 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			The state of the s

FILE NAME: UP010034

PAGE 2 OF 5 DATE: 03/05/87

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

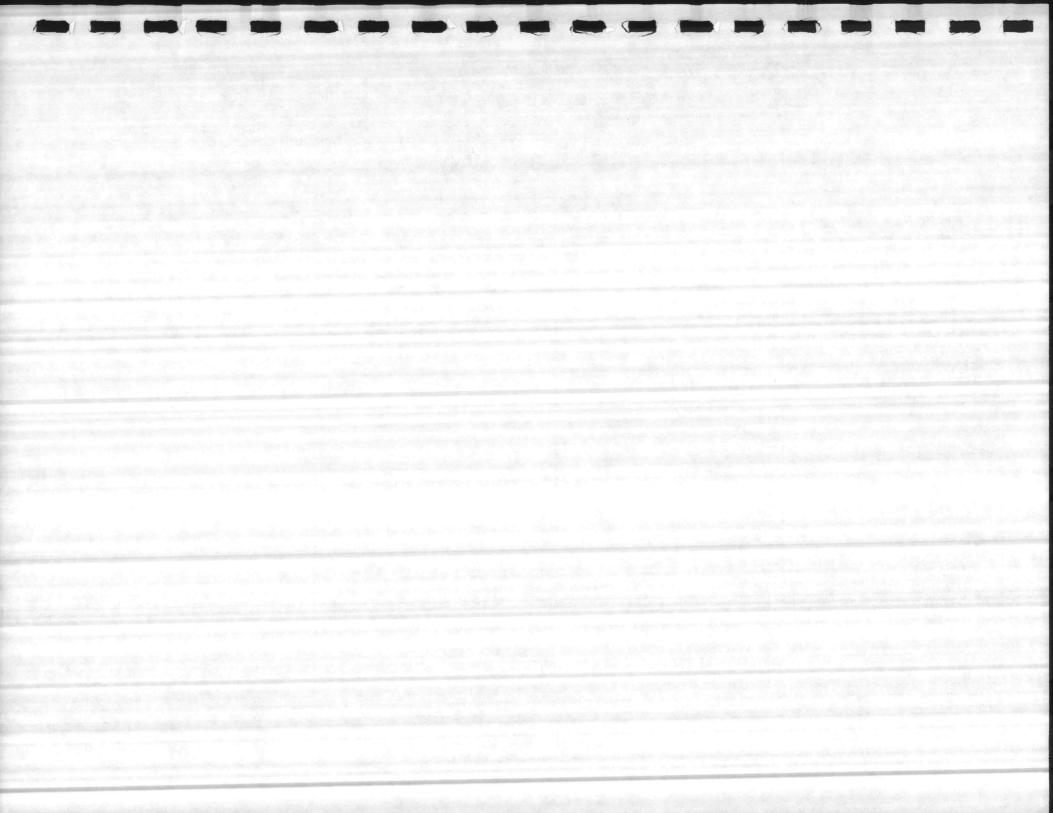


DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
List Capacity of an 8-Hour Training Day. Specify: Unit of Measure, e.g., No. of Bns/Sqdns No. of Aircraft/Helos No. of AAVs/LCACs			
 Number of Days per Year the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

FILE	NAME:	UP010034

PAGE 3 OF 5 DATE: 03/05/87

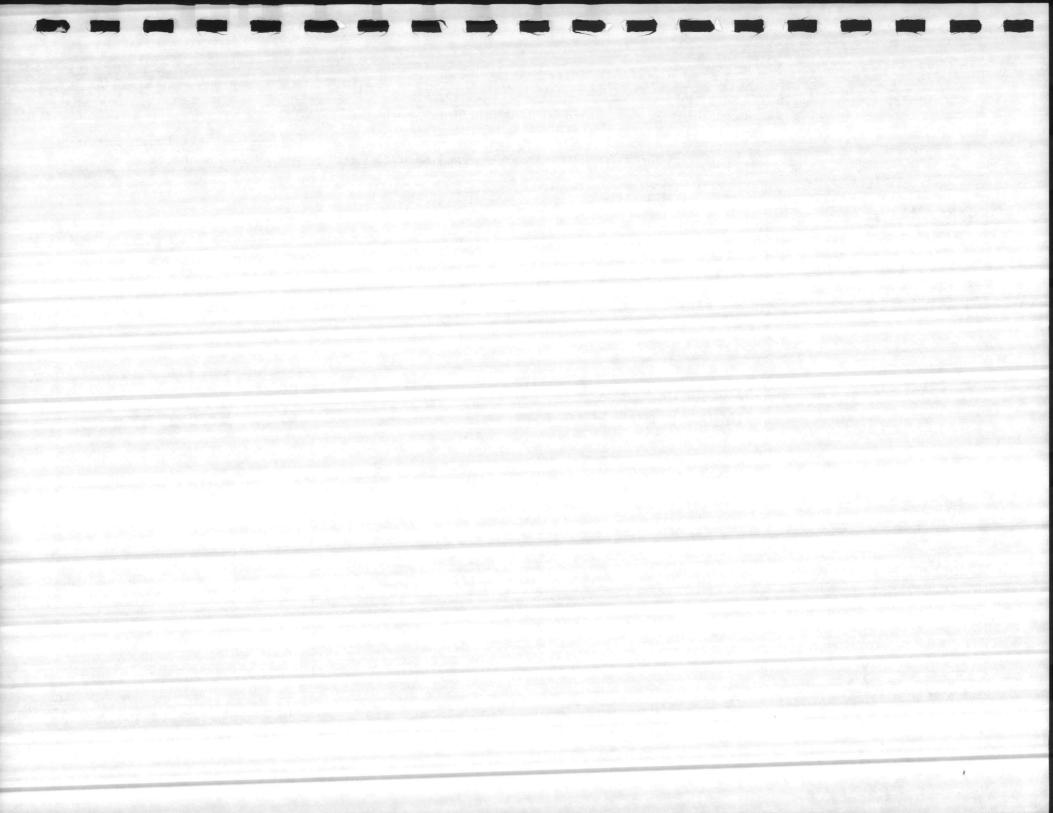
MANEUVER AREA MANAGER: D. J. Hashagen, Sr._



DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED	CHARACTERISTICS NEEDED IF APPLICABLE)
	Yes Adjacent to rifle range			
Are There Site-unique Requirements Placed on Using Units? Yes, No, Explain	NA			
Distance from Supply Points POL (km)	INA		 	
Restrictions on Maneuver Area Use Environmental				

FILE NAME: UP010034 PAGE 4 OF 5 DATE: DATE: 03/05/87

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

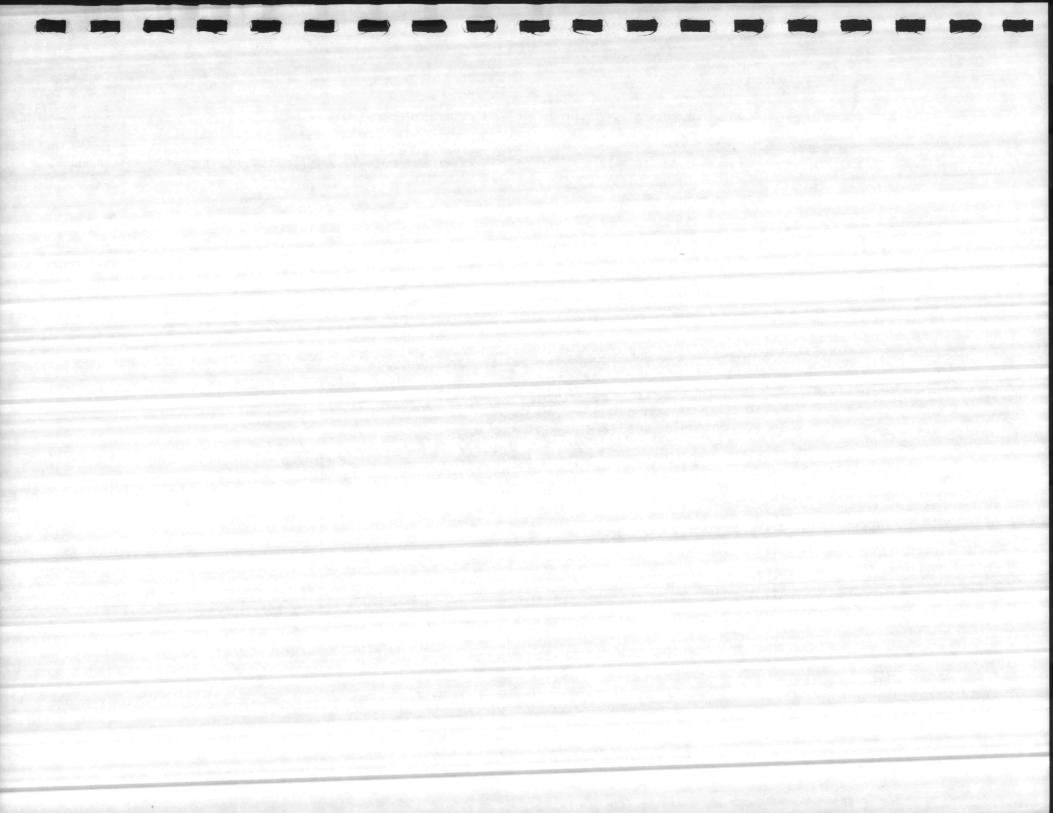


DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE
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FILE NAME: UP010034

PAGE 5 OF 5 DATE: 03/05/87

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

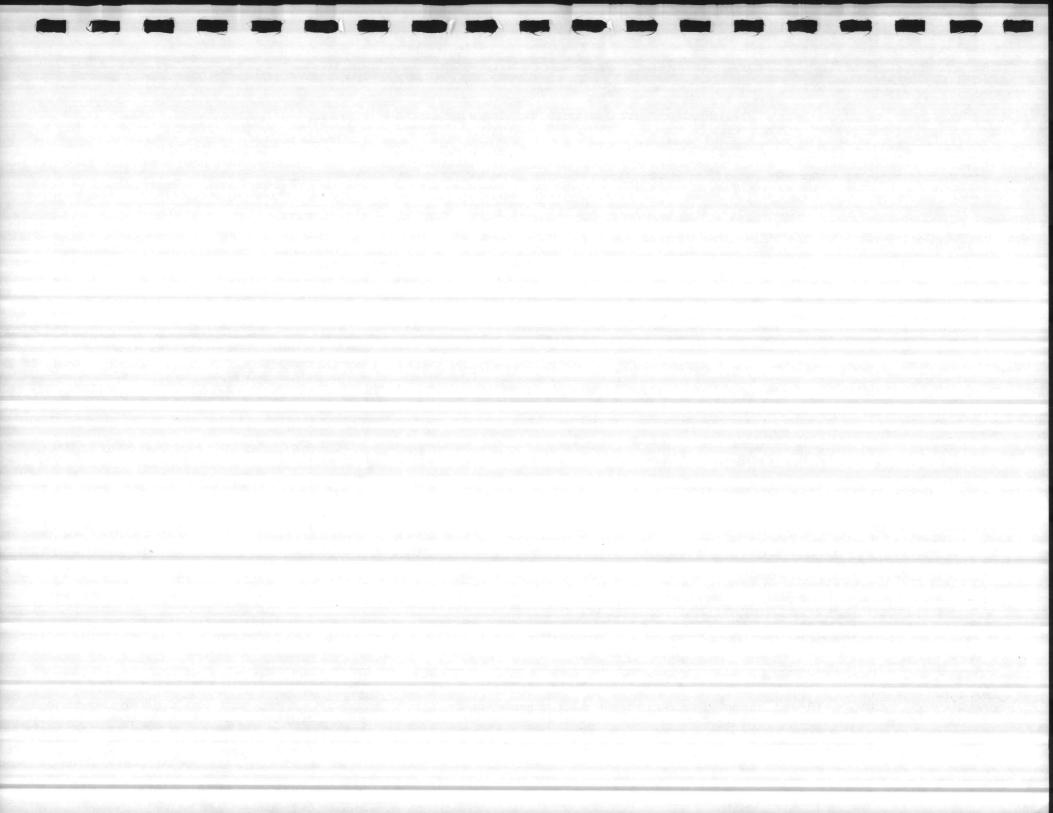


SUBMITTED BY: D. J. Hashagen, MANEUVER AREA NAME AND LOCATION INSTRUCTIONS: One form for each maneuver a Fill in data elements as app Use right column for new or	: ALZ-15, MCB, Camp Lejeune, NC rea ropriate	Infantry Artillery Armor (LAVs, AAVs, Tanks) Combined Arms Communications Exercises Logistics Exercises	Electronic Warfare Amphibious Exercises MAGTF FTX Air-to-Ground Operations
DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
 Range Shape and Dimensions Dimensions (km)	 Undefined		
Primary Direction of Fire Coordinates	NA 		
. 프로그램 그 100mm 100mm - 100mm 100mm 100mm 100mm 100mm 100mm 100mm 100mm 100mm 100mm 100mm 100mm 100mm 100mm 100mm	 /\ /\ NORTH		
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: UP010035 PAGE 1 OF 5 DATE:

DATE: 03/05/87

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

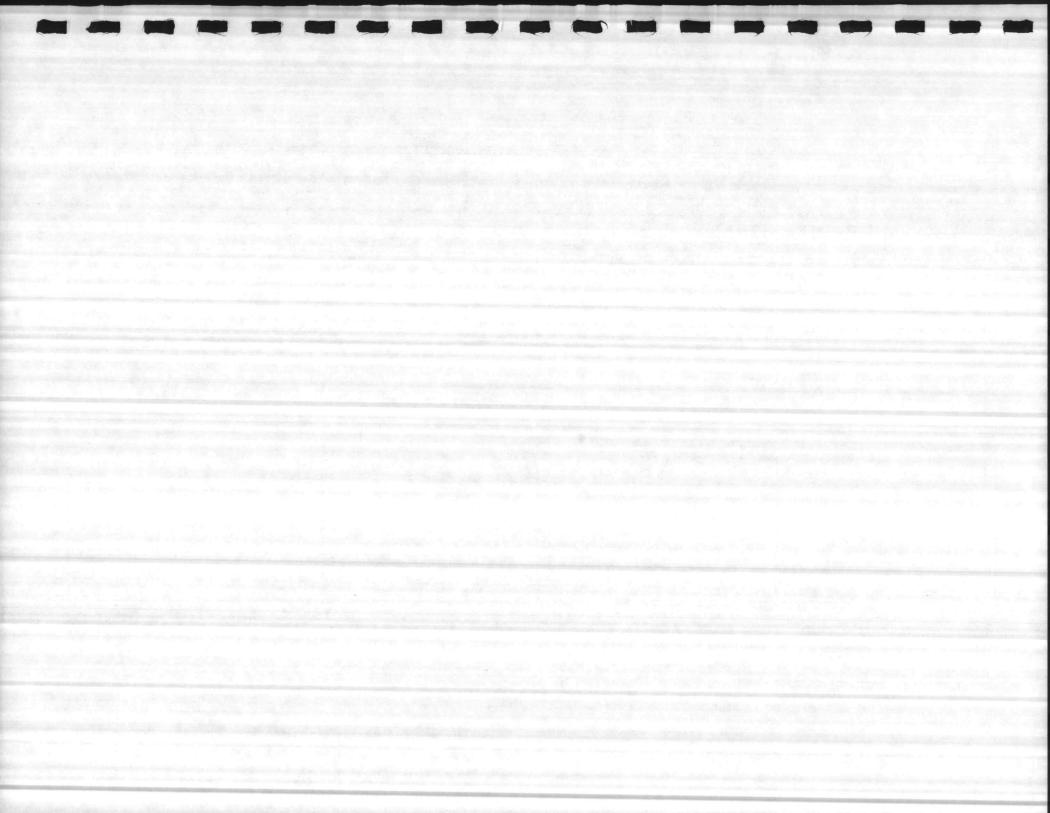


DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS
Climate Seasonal	i i		
TemperateArcticDesertAll-Weather (Indoor)Other		NOT APPLICABLE	NOT APPLICABLE
Terrain Type Percentage Mountainous Percentage Rolling Percentage Swamp			
Percentage Desert Percentage 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	l		

FILE NAME: UP010035

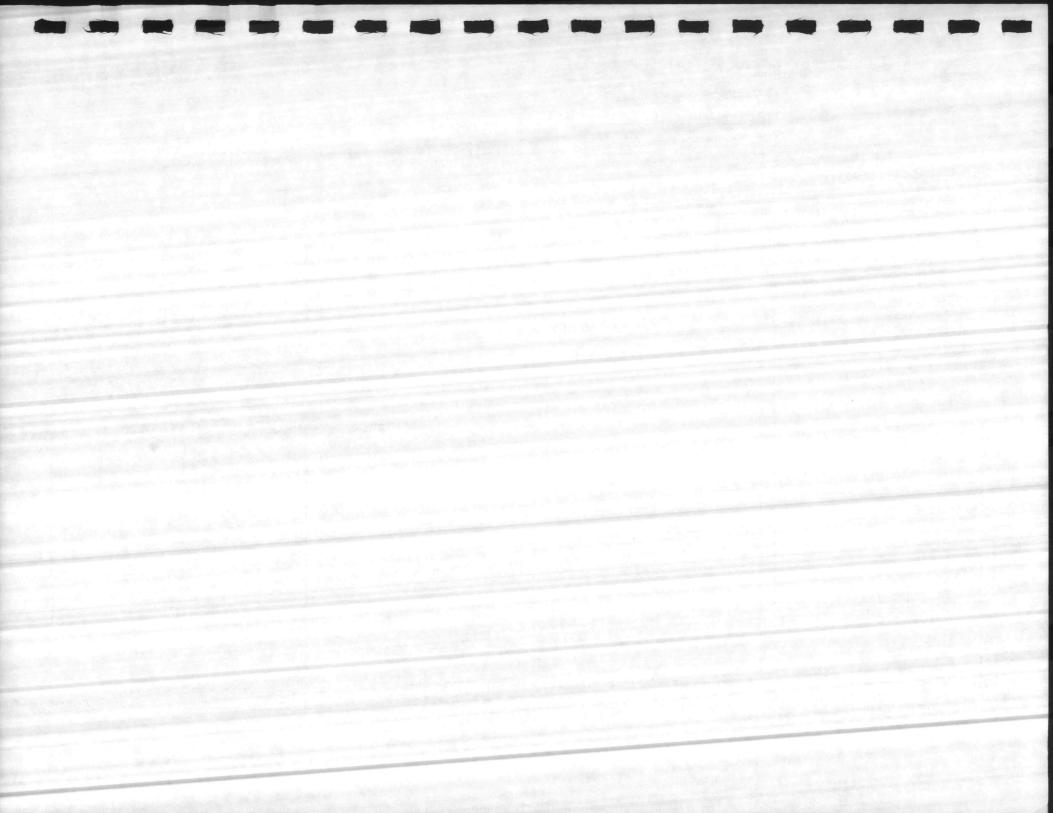
PAGE 2 OF 5 DATE: 03/05/87

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



DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS
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	Undefined		
Number of Days per Year the Maneuver Area is Available	 365 		
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	No		
Other Maneuver Areas/Ranges Which Must Be Closed When This Maneuver Area is in Use	NA		

FILE NAME: UP010035	
PAGE 3 OF 5 DATE: 03/05/87 MANEUVER AREA MANAGER: D. J. Hashagen, Sr.	UTMAS-P-0001

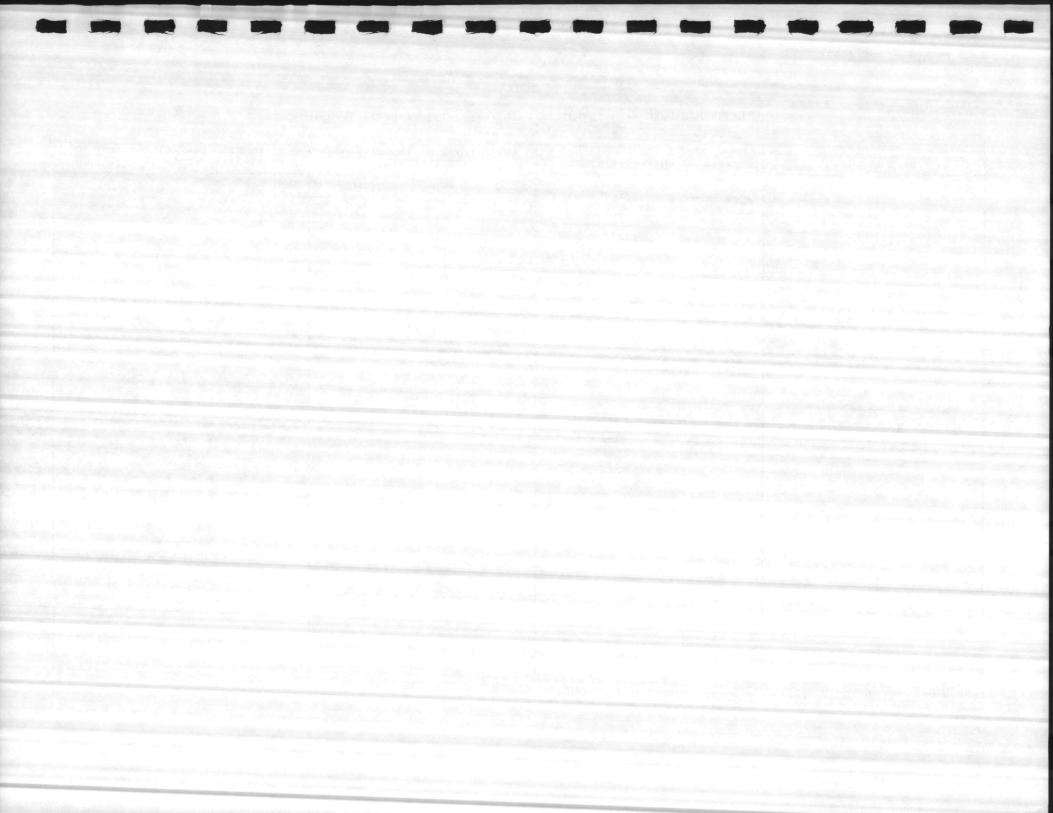


DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
	 Yes Adjacent to Highway 17 		
Are There Site-unique Requirements Placed on Using Units? Yes, No, Explain	I NA		
Distance from Supply Points POL (km)	NA		•
Area Use Environmental			
Time of YearOther			

FILE NAME: UP010035

PAGE 4 OF 5 DATE: 03/05/87

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

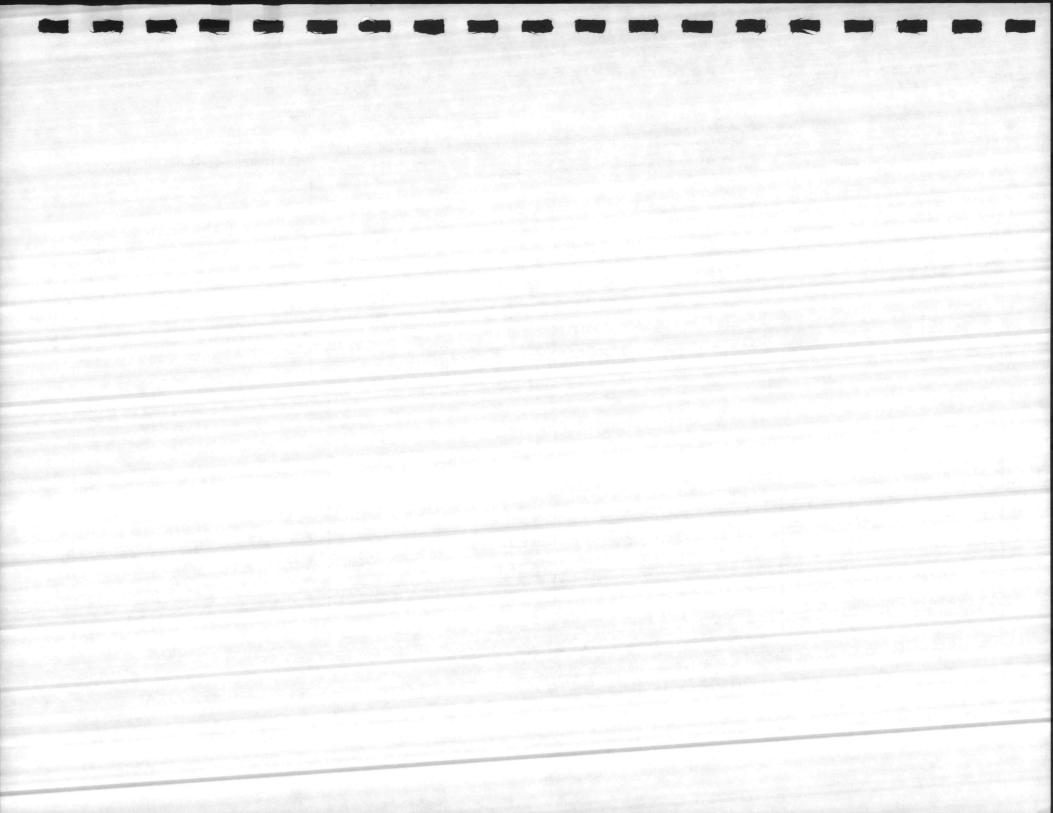


DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE
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FILE NAME: UP010035

PAGE 5 OF 5 DATE: 03/05/87

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



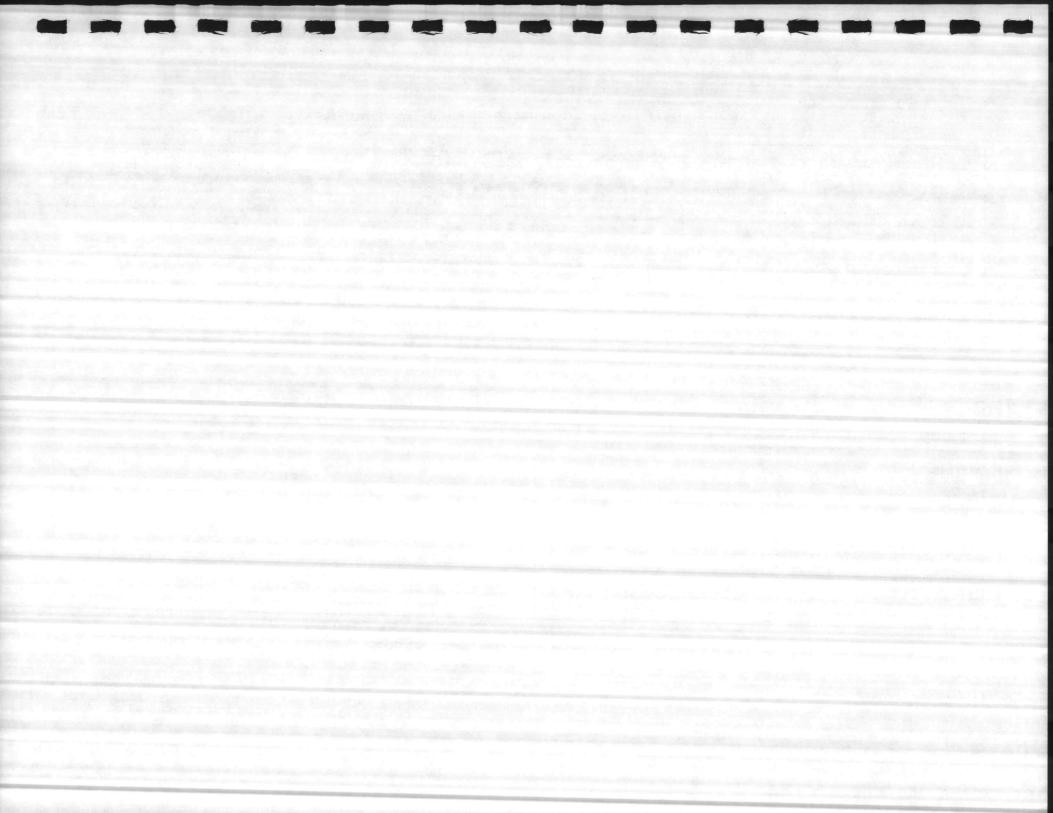
SUBMITTED BY: D. J. Hashagen, Sr., DRCO, AV 484-2102	Infantry Electronic Warfare
MANEUVER AREA NAME AND LOCATION: ALZ-15A, MCB, Camp Lejeune,	Artillery Amphibious Exercises NC Armor (LAVs, AAVs, Tanks) MAGTF FTX Combined Arms Air-to-Ground Operations Communications Exercises X Administrative Landing Zone Logistics Exercises Other
INSTRUCTIONS: One form for each maneuver area Fill in data elements as appropriate	

DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Primary Direction of Fire	Undefined NA TP750451		
Associated Air Space Altitude (ft)	 		•
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: UP010036

PAGE 1 OF 5 DATE: 03/05/87

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

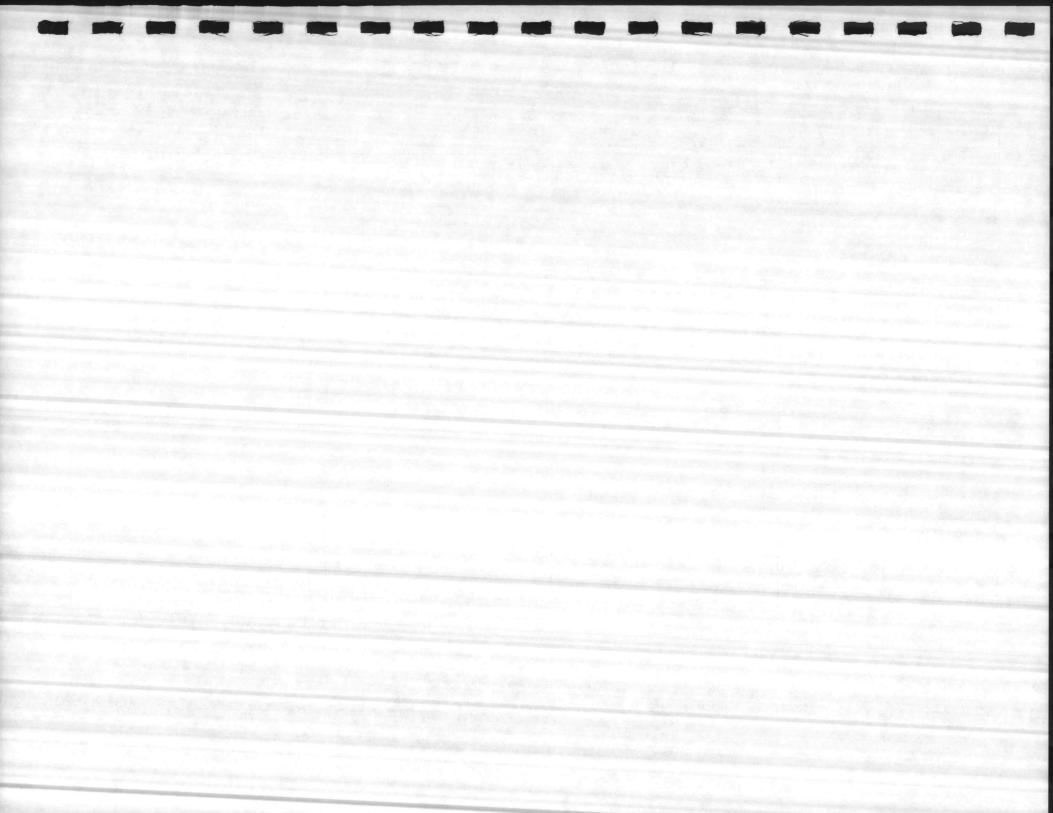


DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Climate Seasonal	X	NOT APPLICABLE	NOT APPLICABLE
Terrain Type Percentage Mountainous	100	NOT APPLICABLE	NOT APPLICABLE
Soil Type Percentage Rock Percentage Sand Percentage Clay Percentage Swamp/Marsh Percentage Loamy Percentage Other	100	NOT APPLICABLE	NOT APPLICABLE
Vegetation Percentage None Percentage Sparse Percentage Moderate Percentage Heavy	1		

FILE NAME: UP010036

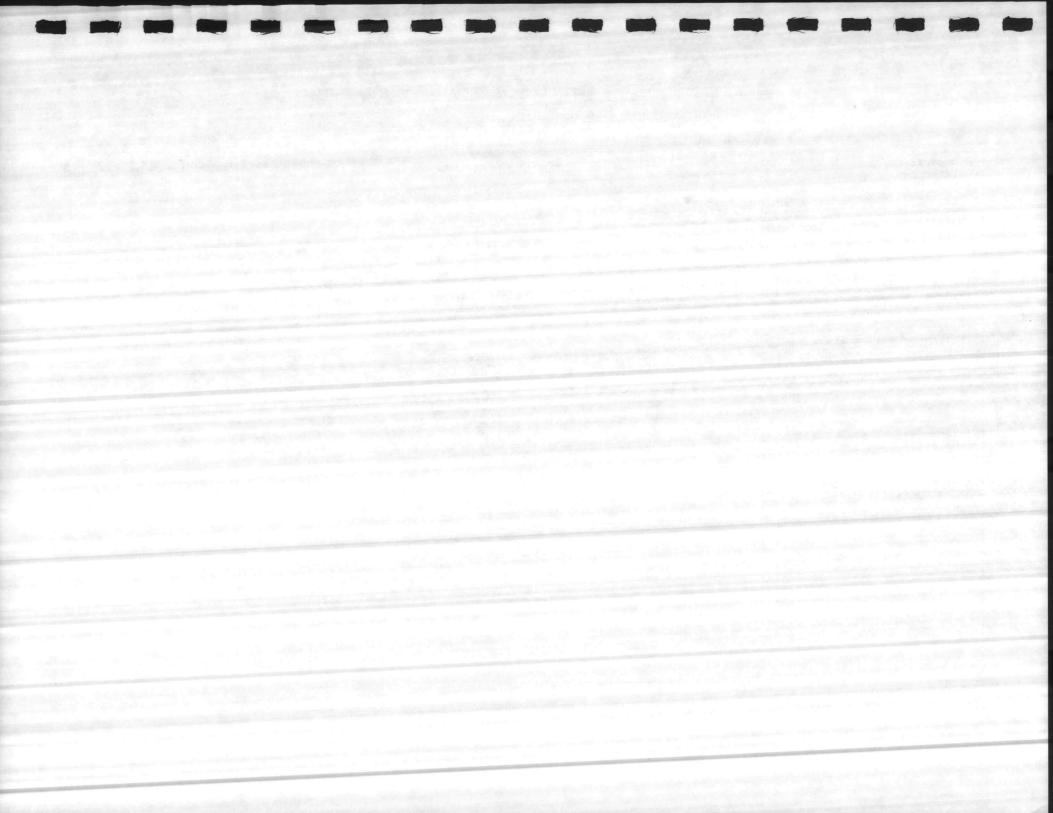
PAGE 2 OF 5 DATE: 03/05/87

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	Undefined		
Number of Days per Year the Maneuver Area is Available	365		
Non-availability per Year Total		0	0
Is the Maneuver Area Capable of Nighttime Use? Yes, No	No		
Other Maneuver Areas/Ranges Which Must Be Closed When This Maneuver Area is in Use	NA		

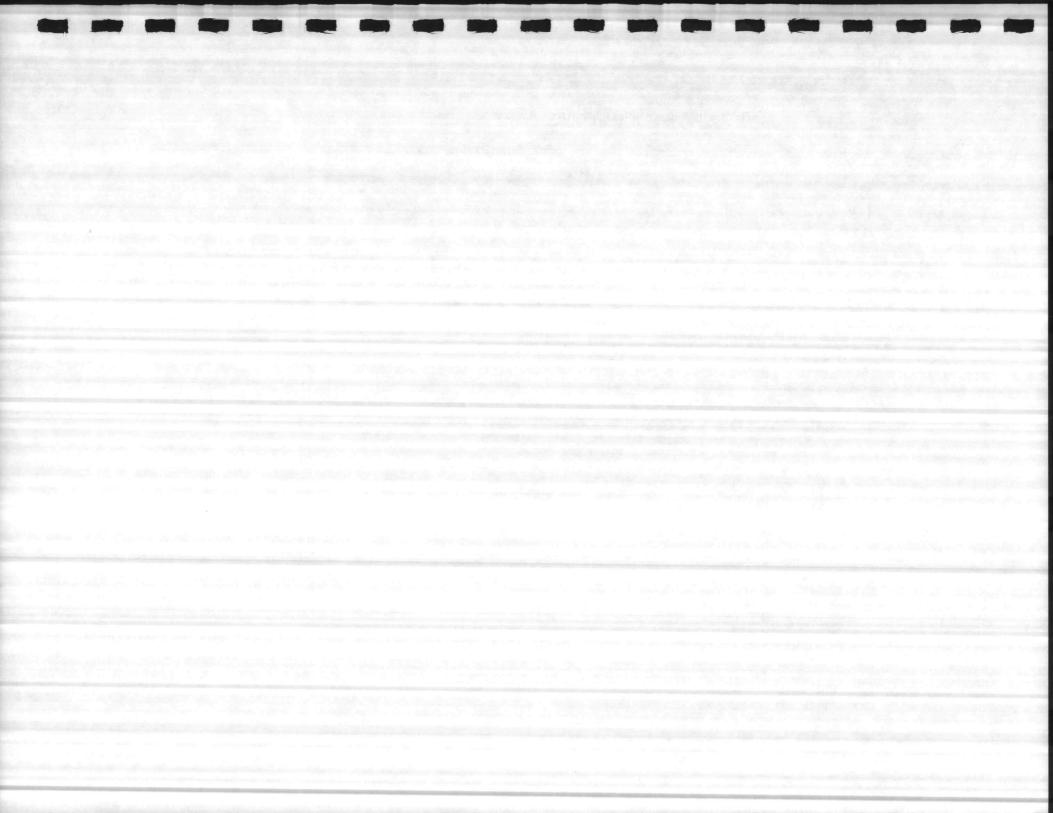
FILE NAME:	UP010036										
PAGE 3 OF 5	DATE:	03/05/87	MANEUVER	AREA M	MANAGER:	D.	J.	Hashagen,	Sr		UTMAS-P-0001



PRESENT CHARACTERISTICS		DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
NA .		
I NA		
NA		
	NA II NA II NA	INA INA INA II INA II INA II INA II INA III INA

FILE NAME: UP010036 PAGE 4 OF 5 DATE:

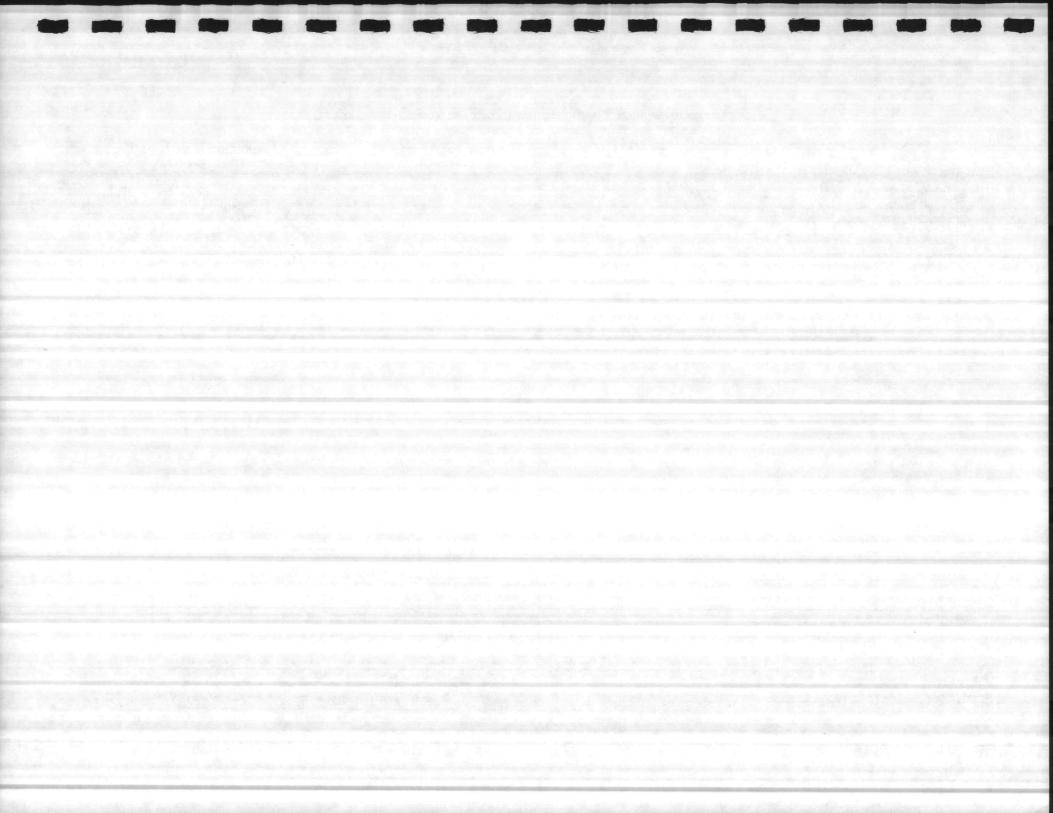
MANEUVER AREA MANAGER: D. J. Hashagen, Sr.



DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS
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	and the second of the second o		

FILE NAME: UP010036 PAGE 5 OF 5 DATE: 03/05/87

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

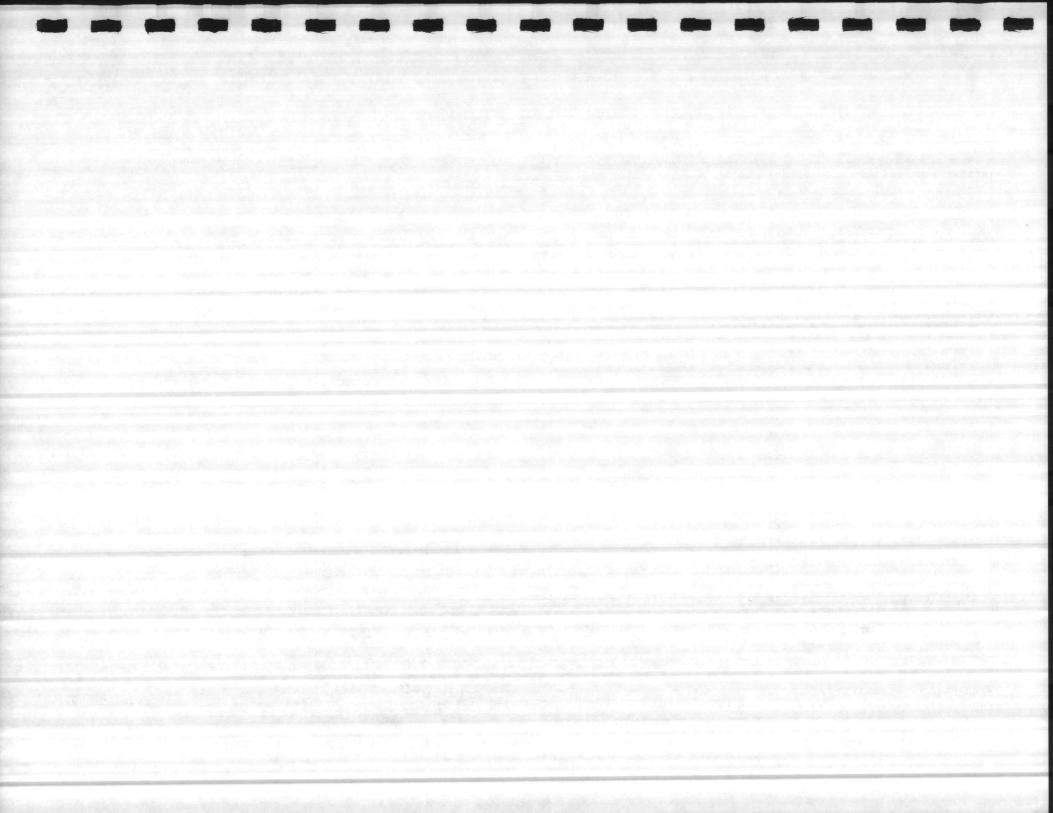


	LATAR MANEUVER AREA INVE	NTORY DATA FORM (UTMAS-P-0001)	
INSTRUCTIONS: One form for each maneuver a Fill in data elements as app	: ALZ-16, MCB, Camp Lejeune, NC rea ropriate	Infantry Artillery Armor (LAVs, AAVs, Tanks) Combined Arms	NEUVER AREA: Electronic Warfare Amphibious Exercises MAGTF FTX Air-to-Ground Operations X Administrative Landing Zone Other
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)	 Undefined		
Primary Direction of Fire	INA		
Coordinates	TP847374		
	 /\ /\ NORTH		
Associated Air Space Altitude (ft)	- [1] 4 [1] 4 [1] 4 [1] 4 [4] (1] 2 [4] - [4] [4] (1] (1] (1] (2] (2] (2] (2] (2] (2] (2] (3] (3] (4] (4] (4] (4] (4] (4] (4] (4] (4] (4	·····	

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FILE NAME: UP010037
PAGE 1 OF 5 DATE: 03/05/87

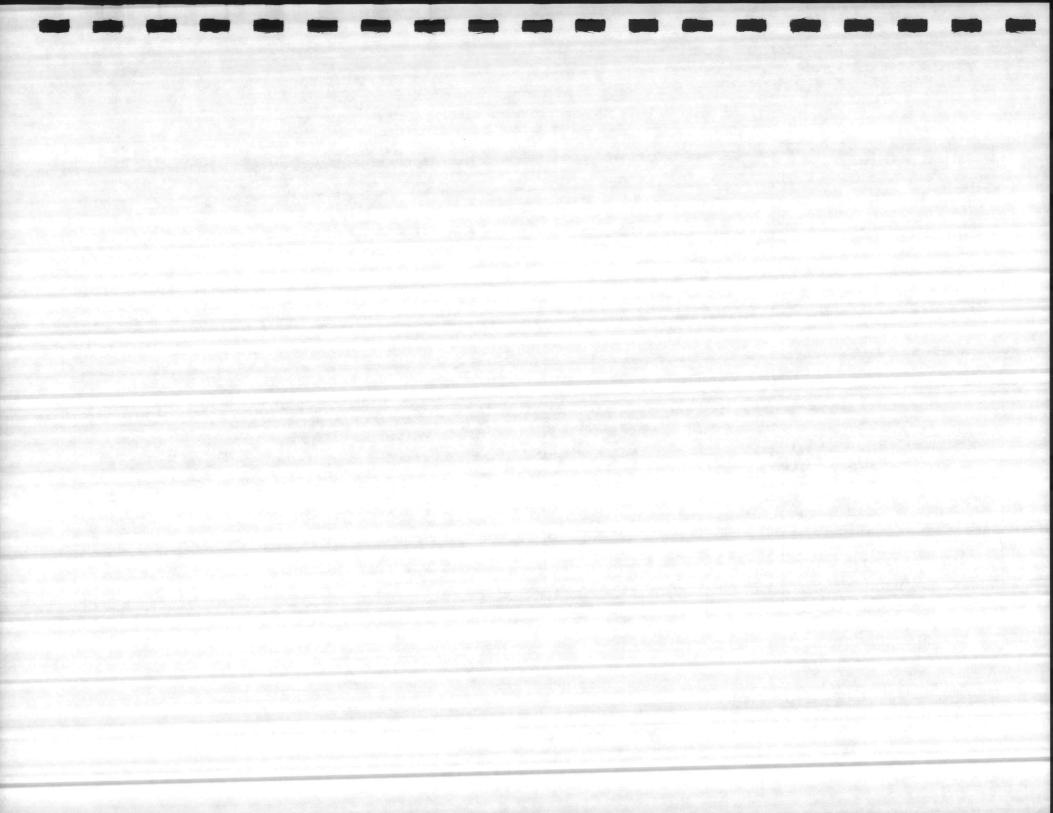
MANEUVER AREA MANAGER: D. J. Hashagen, Sr.



DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Climate Seasonal	X	NOT APPLICABLE	NOT APPLICABLE
Terrain Type Percentage Mountainous	100		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	100		

FILE NAME: UP010037

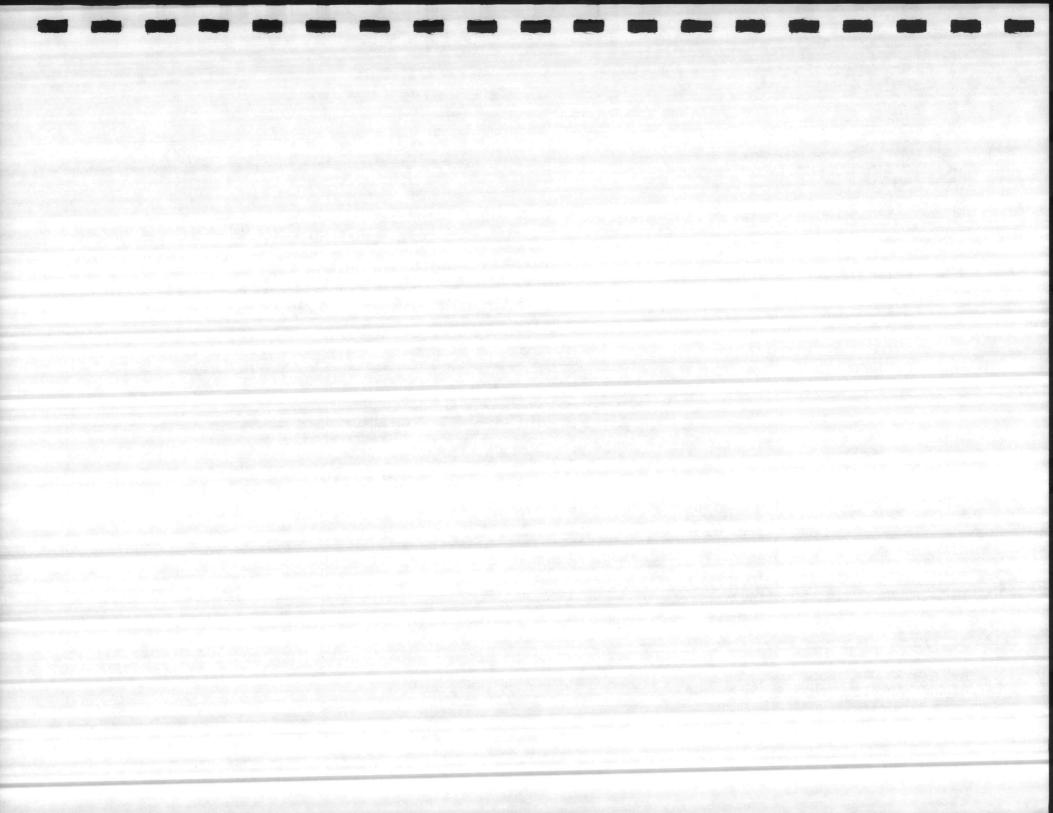
PAGE 2 OF 5 DATE: 03/05/8



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	Undefined		
Number of Days per Year the Maneuver Area is Available	 365 		
Total		0	0
Other Maneuver Areas/Ranges Which Must Be Closed When This Maneuver Area is in Use	NA		

FILE NAME:		UP010037			
PAGE	3	OF	5	DATE:	03/05/87

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

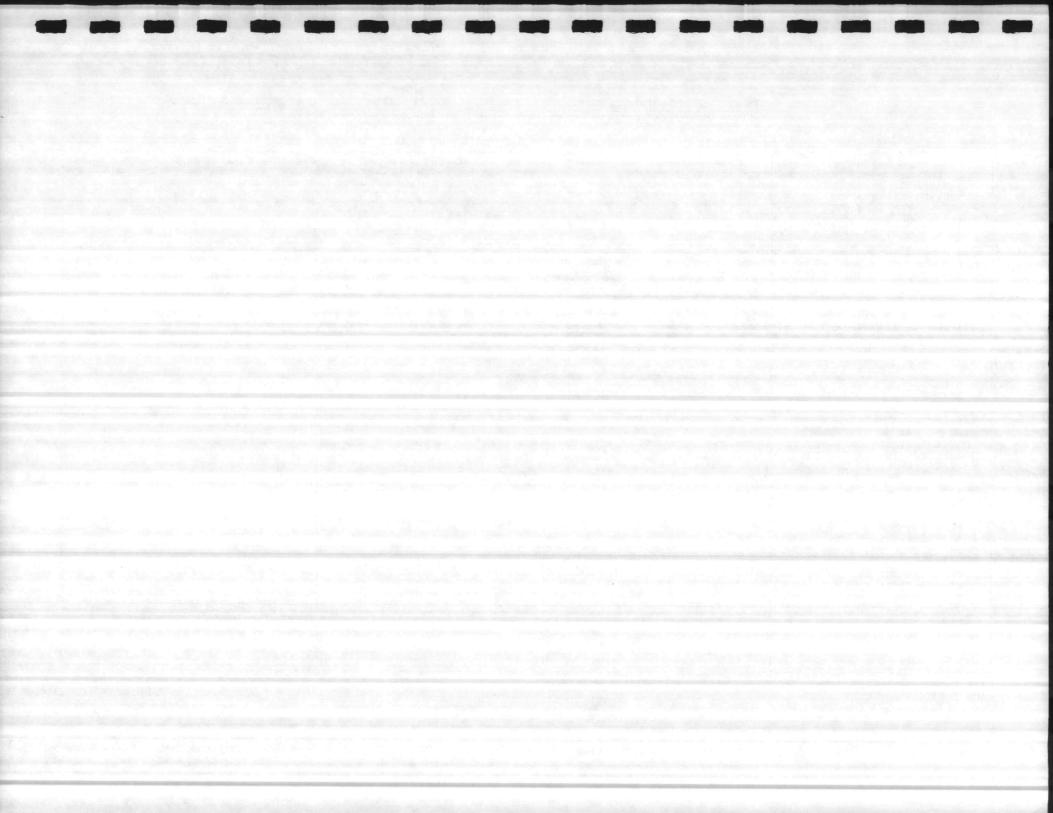


DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
	 Yes Located in built-up area ^ 		
Are There Site-unique Re- quirements Placed on Using Units? Yes, No, Explain	NA .		
Distance from Supply Points POL (km) Ammunition (km)	INA		
Restrictions on Maneuver Area Use Environmental			

FILE NAME: UP010037

PAGE 4 OF 5 DATE: 03/05/87

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

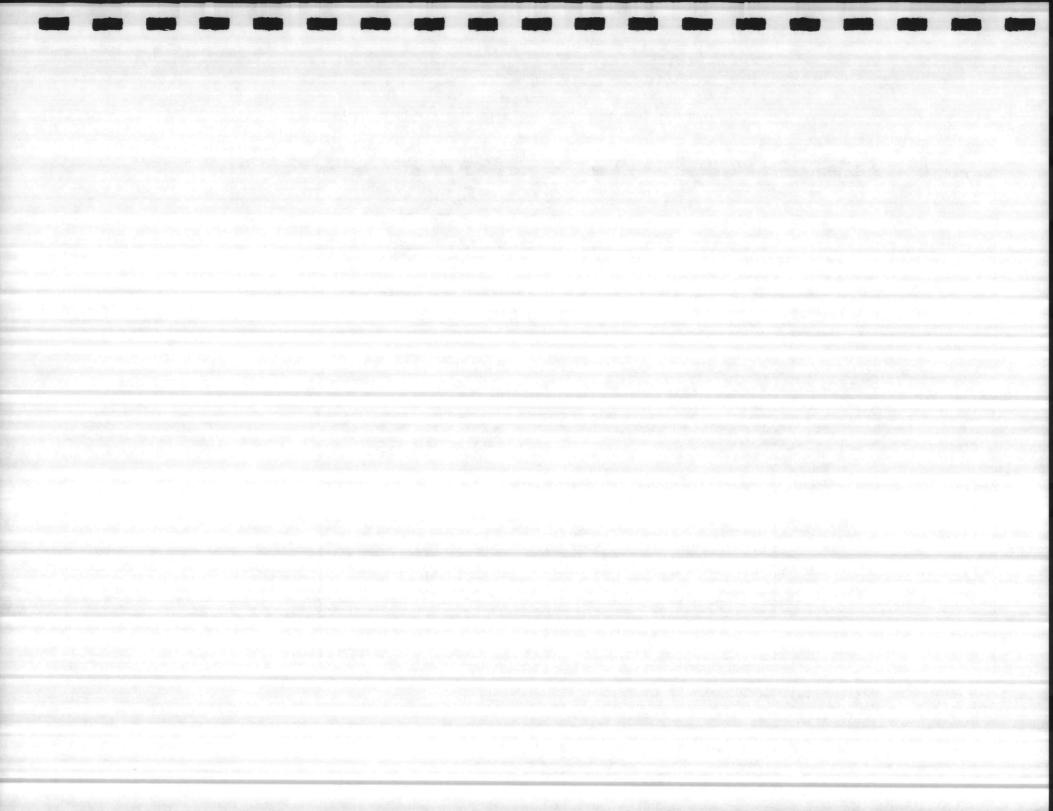


DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE
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FILE NAME: UP010037

PAGE 5 OF 5 DATE: 03/05/8

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



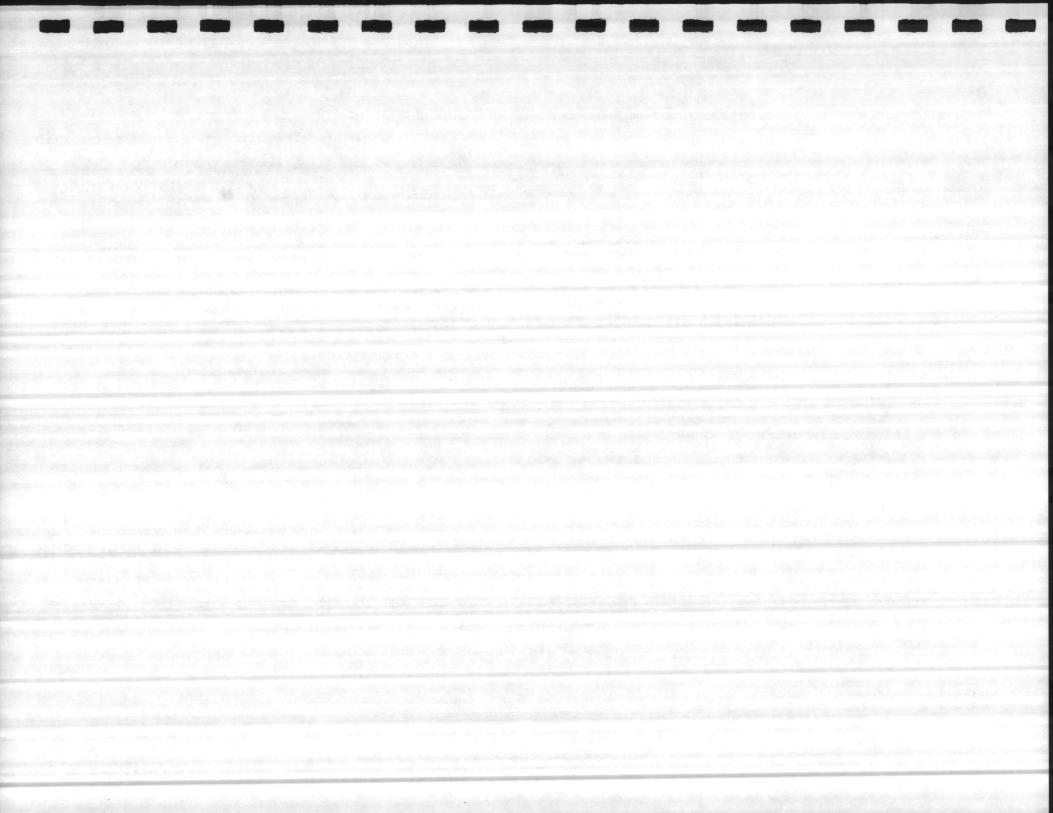
LATAR MANEUVER AREA INVENTORY DATA FORM (UTMAS-P-0001)

SUBMITTED BY: D. J. Hashagen, Sr., DRCO, AV 484-2102	Infantry Electronic Warfare
MANEUVER AREA NAME AND LOCATION: ALZ-17, MCB, Camp Lejeune, NC	Artillery Amphibious Exercises Armor (LAVs, AAVs, Tanks) MAGTF FTX Combined Arms Air-to-Ground Operations Communications Exercises X Administrative Landing Zone Logistics Exercises Other
INSTRUCTIONS: One form for each maneuver area Fill in data elements as appropriate	

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	Undefined NA		
Coordinates	TP456428		
	/\ /\ NORTH		
Associated Air Space Altitude (ft)		· · · · · · · · · · · · · · · · · · ·	
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: UP010038 PAGE 1 OF 5 DATE: DATE: 03/05/87

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

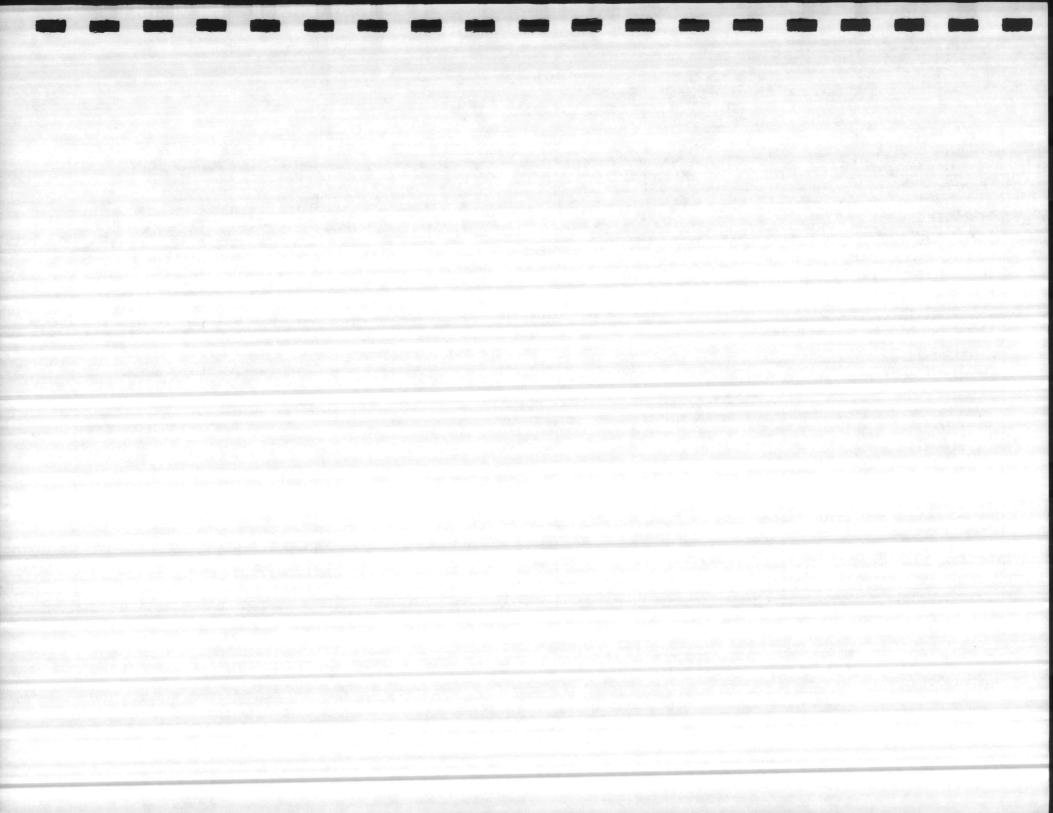


DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Climate Seasonal Tropic Temperate Arctic Desert All-Weather (Indoor)		NOT APPLICABLE	NOT APPLICABLE
Terrain Type Percentage Mountainous Percentage Rolling Percentage 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	1100 	NOT APPLICABLE	NOT APPLICABLE
Vegetation Percentage None Percentage Sparse Percentage Moderate Percentage Heavy			

FILE NAME: UP010038

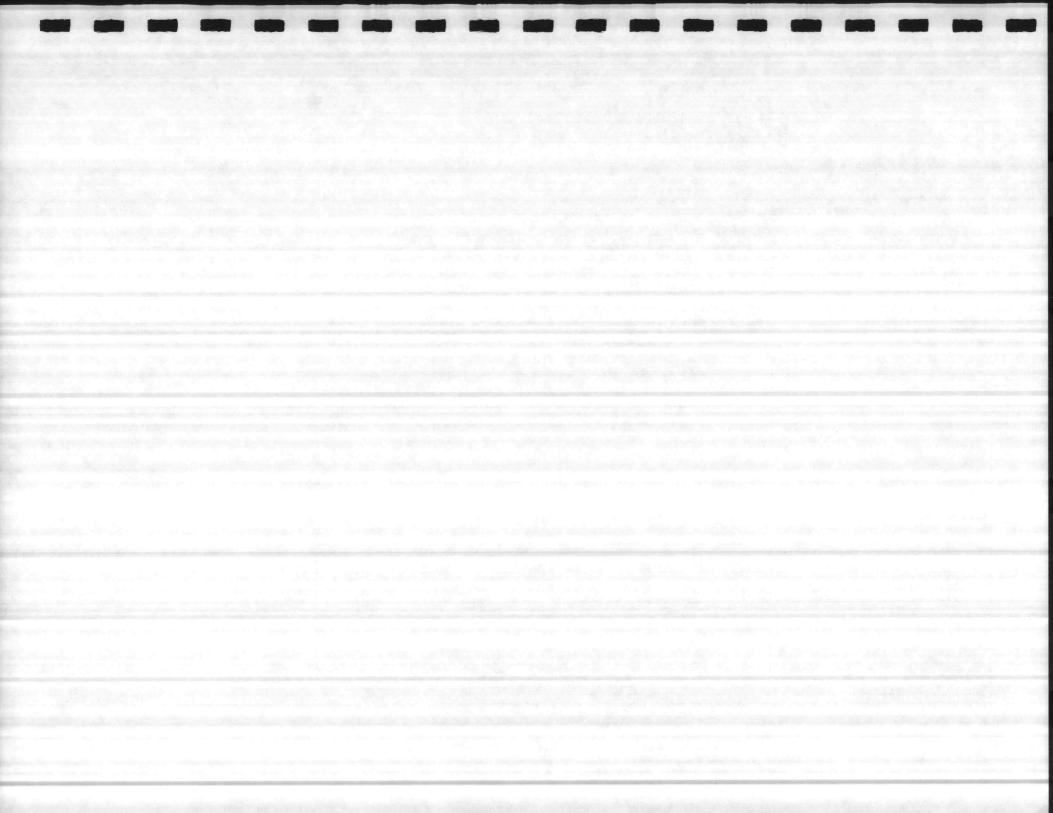
PAGE 2 OF 5 DATE: 03/05/87

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	Undefined		
 Number of Days per Year the Maneuver Area is Available	 365 		
			0
Is the Maneuver Area Capable of Nighttime Use? Yes, No	 No 		
Other Maneuver Areas/Ranges Which Must Be Closed When This Maneuver Area is in Use	NA		

PAGE 3 OF 5 DATE:	03/05/87 MA	MEUVER AREA MANAGER: D. J.	. Hasnagen, Sr.	01MAS-P-0001
FILE NAME: UP010038	02/05/07			UTMAS-P-0001

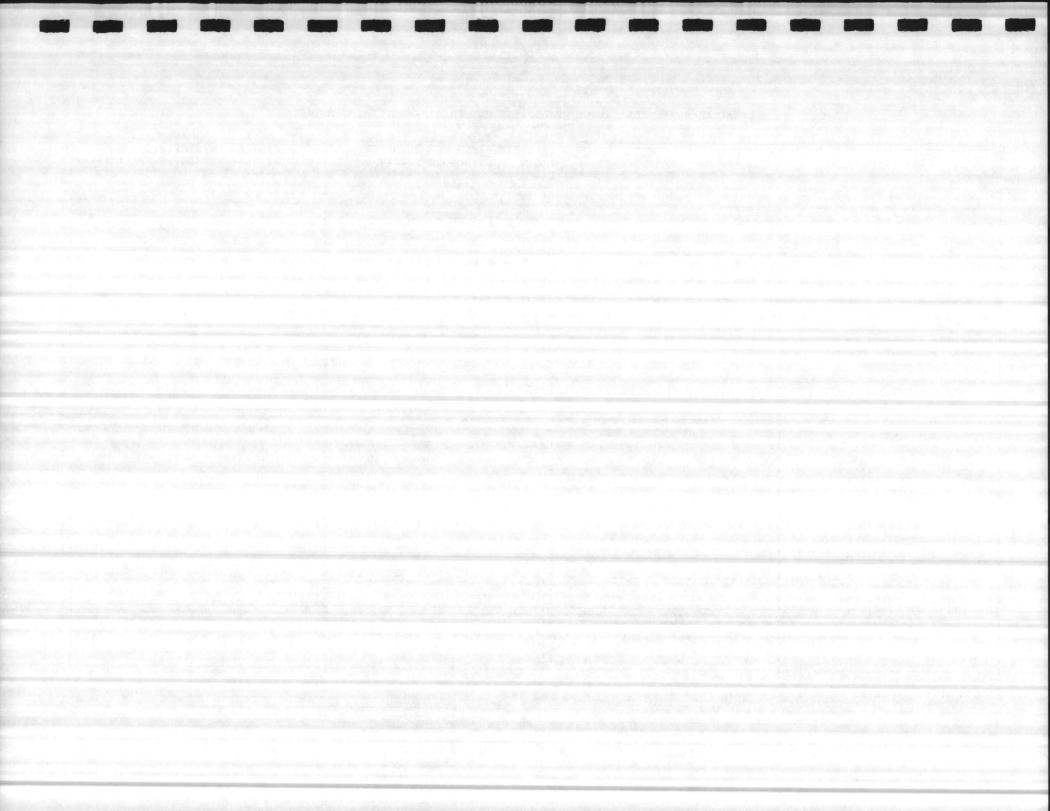


DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
	 Yes Located in major embarkation port 		
Are There Site-unique Re- quirements Placed on Using Units? Yes, No, Explain	na		
Distance from Supply Points POL (km)	NA		
Restrictions on Maneuver Area Use Environmental			

FILE NAME: UP010038

PAGE 4 OF 5 DATE: 03/05/87

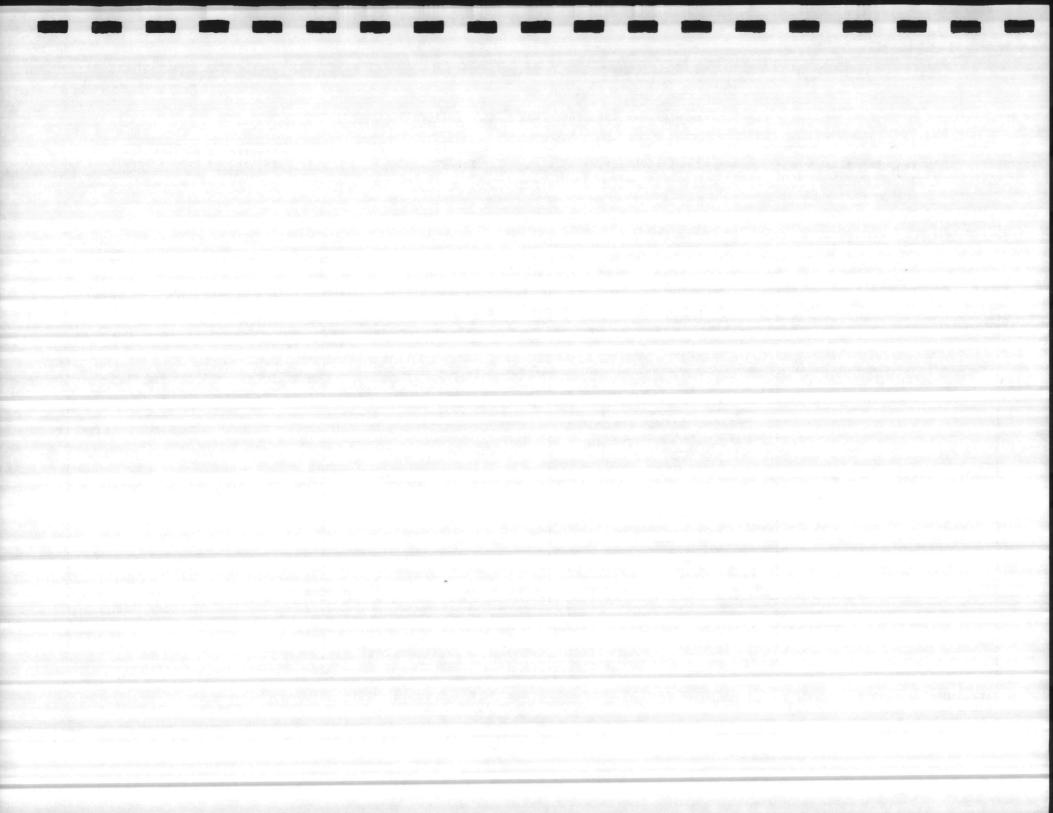
MANEUVER AREA MANAGER: D. J. Hashagen, Sr.



DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE
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FILE NAME: UP010038
PAGE 5 OF 5 DATE: 03/05/87

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

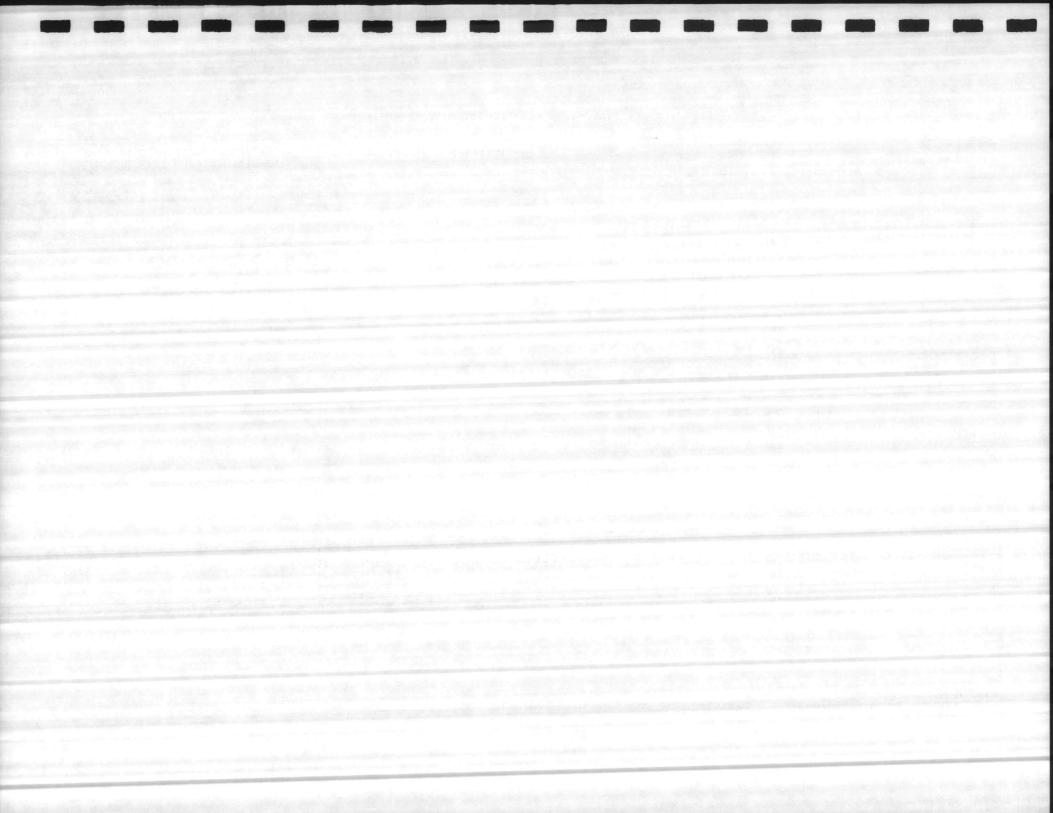


LATAR MANEUVER AREA INVENTORY DATA FORM (UTMAS-P-0001)

INSTRUCTIONS: One form for each maneuver a		Infantry Artillery Armor (LAVs, AAVs, Tanks) Combined Arms Communications Exercises Logistics Exercises	Electronic Warfare Amphibious Exercises MAGTF FTX Air-to-Ground Operations X Administrative Landing Zone Other
Fill in data elements as app Use right column for new or DATA ELEMENT		ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS
Range Shape and Dimensions Dimensions (km) Primary Direction of Fire	Undefined Undefined NA		
Coordinates	TP841381 		
		······································	
No. of Land Access Routes No. of Land Water Routes No. of Air Ingress Routes No. of Air Egress Routes	l		

FILE NAME: UP010039
PAGE 1 OF 5 DATE: 03/05/87

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

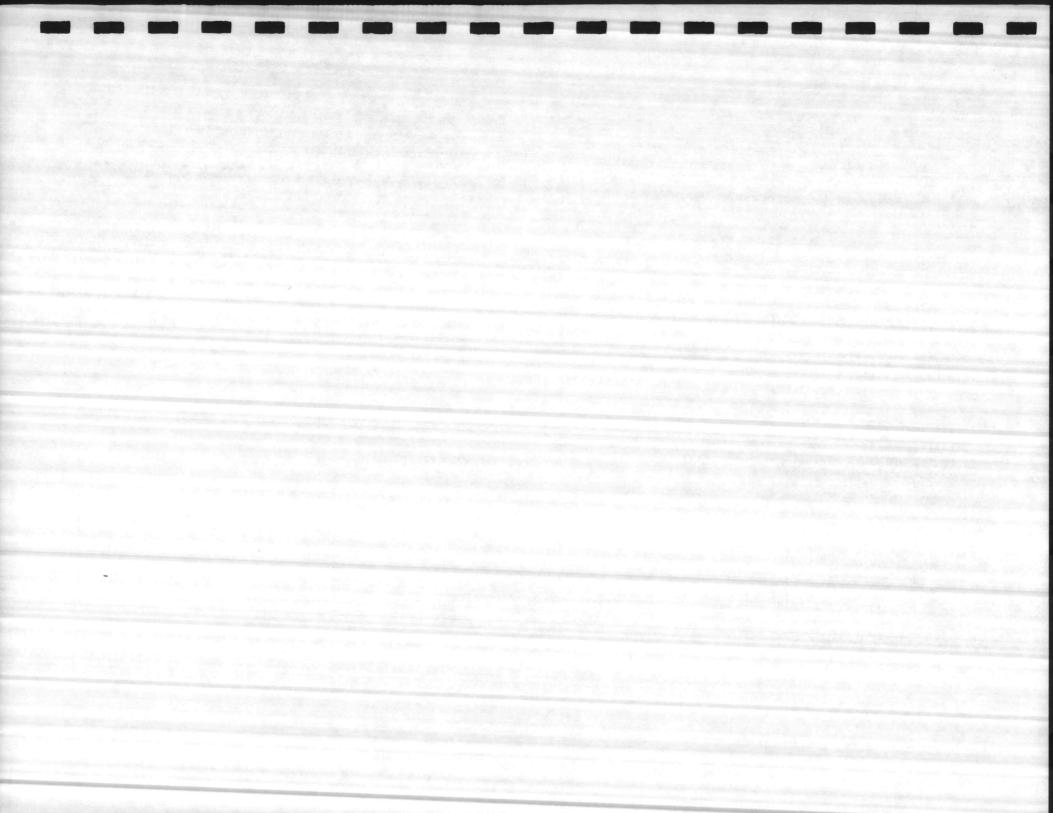


DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Climate Seasonal	X	NOT APPLICABLE	NOT APPLICABLE
Terrain Type Percentage Mountainous Percentage Rolling Percentage Swamp Percentage Desert Percentage Beach Percentage Level	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	100		

FILE NAME: UP010039

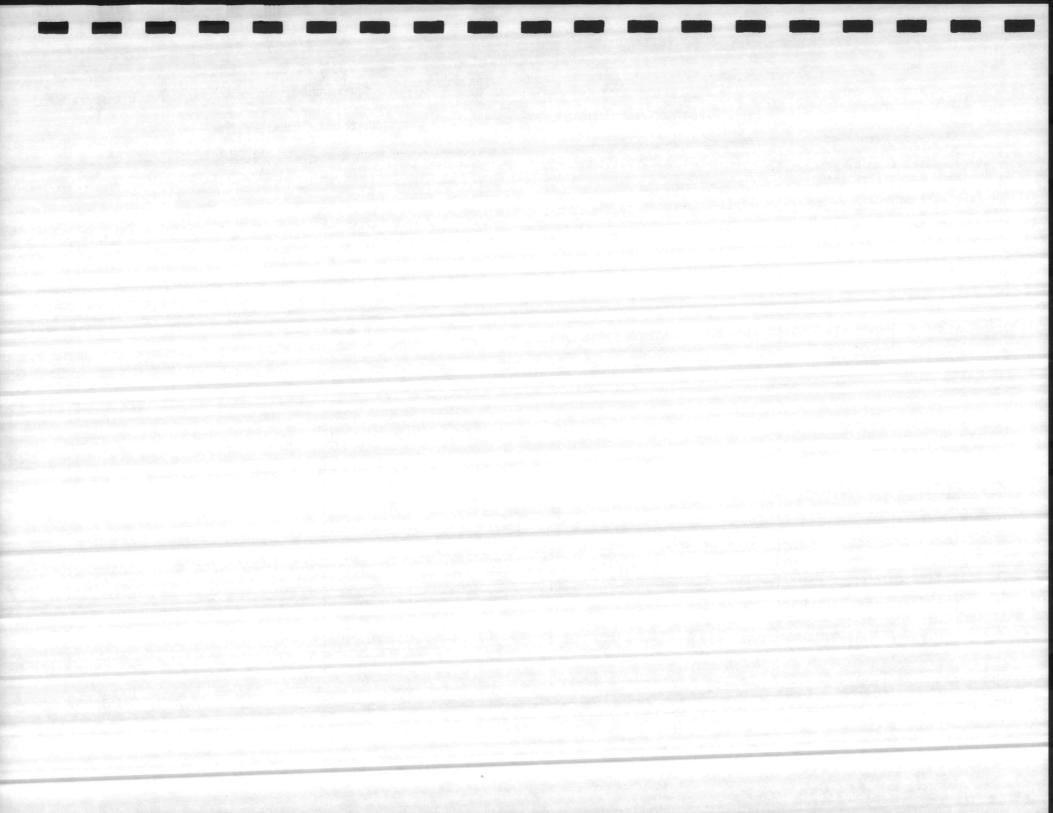
PAGE 2 OF 5 DATE: 03/05/87

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



		(SPECIFY YEAR NEEDED IF APPLICABLE)
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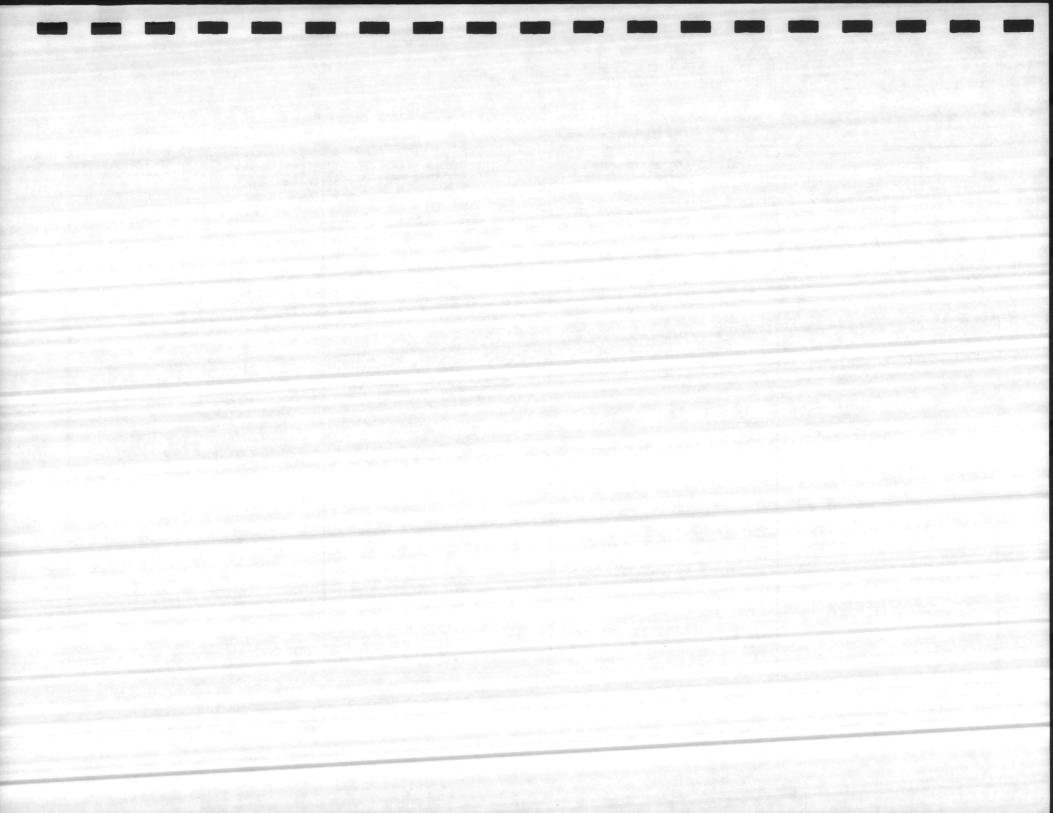
FILE NAME:	UP010039								
PAGE 3 OF 5	DATE:	03/05/87	MANEUVER ARI	EA MANAGER: D.	. J.	Hashagen,	Sr.		UTMAS-P-000



DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS
	Yes Lighted athletic field		
Are There Site-unique Re- quirements Placed on Using Units? Yes, No, Explain	NA		
Distance from Supply Points POL (km) Ammunition (km)	INA		
Restrictions on Maneuver Area Use Environmental			

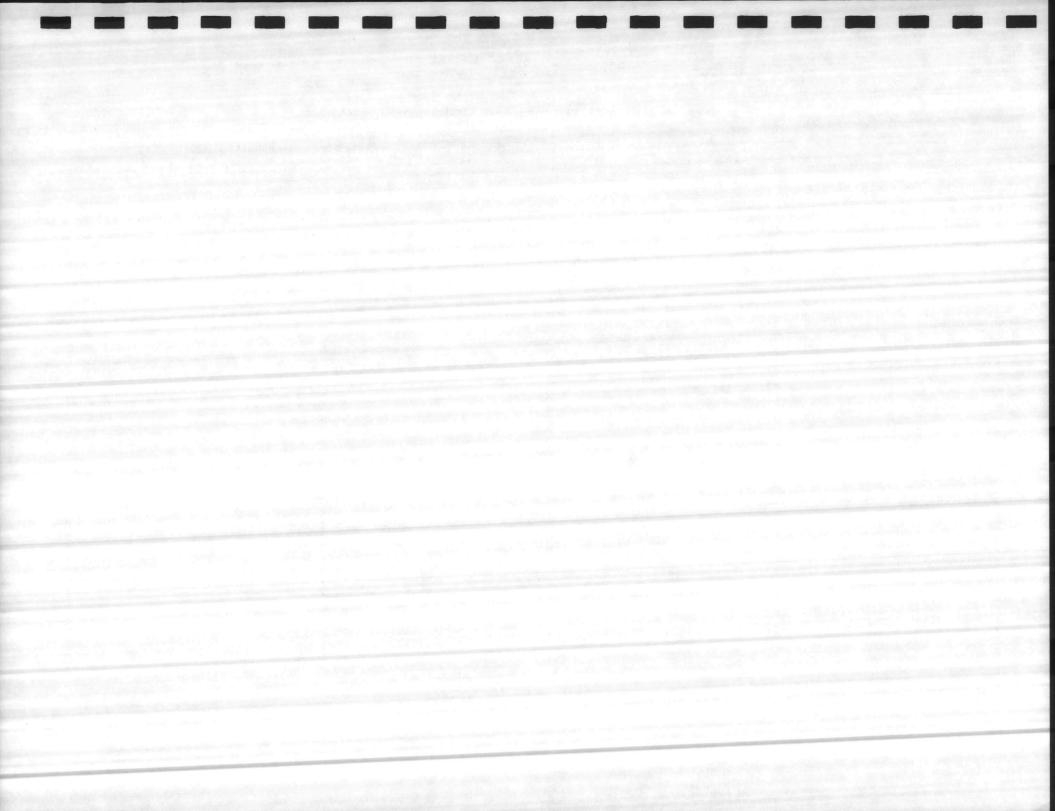
FILE NAME: UP010039 PAGE 4 OF 5 DATE: DATE: 03/05/87

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



DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE
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DATE: 03/05/87 PAGE 5 OF 5



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

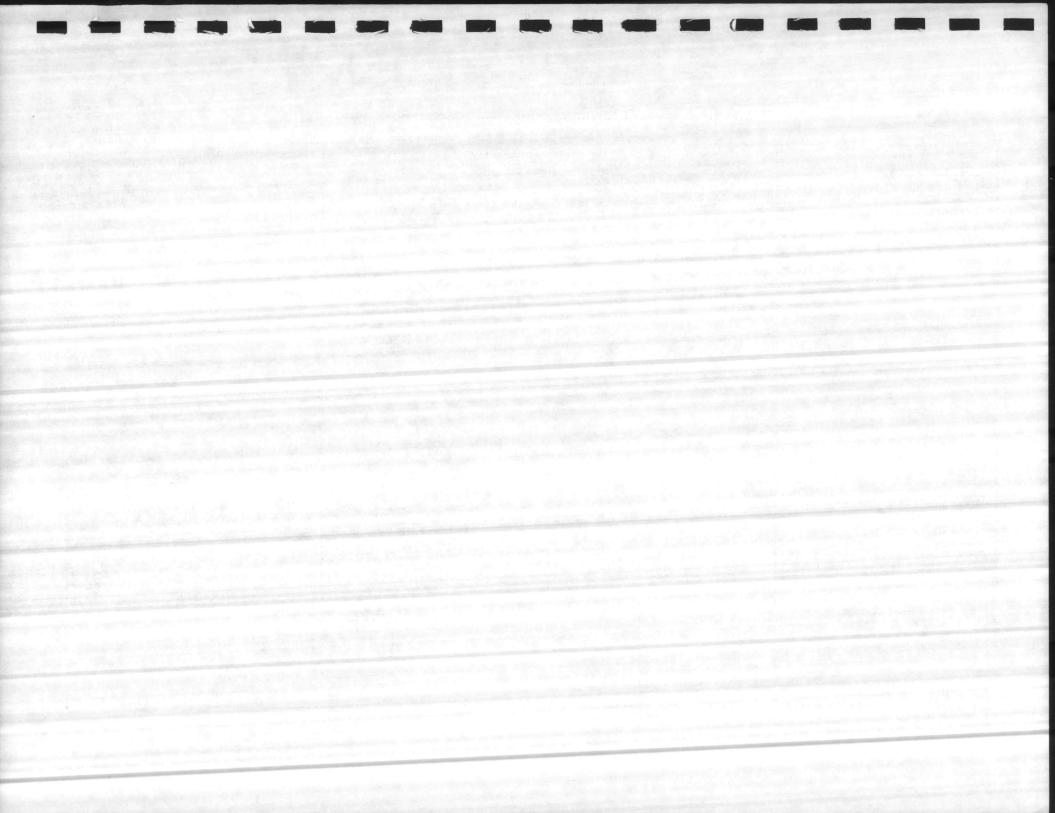
SUBMITTED BY: D. J. Hashagen,	Sr DRCO AV 484-2102	TYPE MA	NEILVED ADEA
	N: ALZ-19, MCB, Camp Lejeune, No	Infantry Artillery Armor (LAVs, AAVs, Tanks) Combined Arms	Electronic Warfare Amphibious Exercises
INSTRUCTIONS: One form for each maneuver a Fill in data elements as app Use right column for new or	propriate	Logistics Exercises ANTICIPATED OR KNOWN CHANGES	Other DESIRED CHARACTERISTICS
DATA ELEMENT	PRESENT CHARACTERISTICS	도 및 - 트로프로 가장 10명 기업 전략 전략 전략 전략 전략 전략 전략 전략 전략 전략 전략 전략 전략	(SPECIFY YEAR NEEDED IF APPLICABLE)
Range Shape and Dimensions Dimensions (km)	 Undefined		
Primary Direction of Fire	INA		
Coordinates	TP751281		

Dimensions (km)	Undefined			
Primary Direction of Fire	INA		and the state of t	
	TP751281 			
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				
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FILE	NAME:	UP010040

PAGE 1 OF 5 DATE: 03/05/8

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



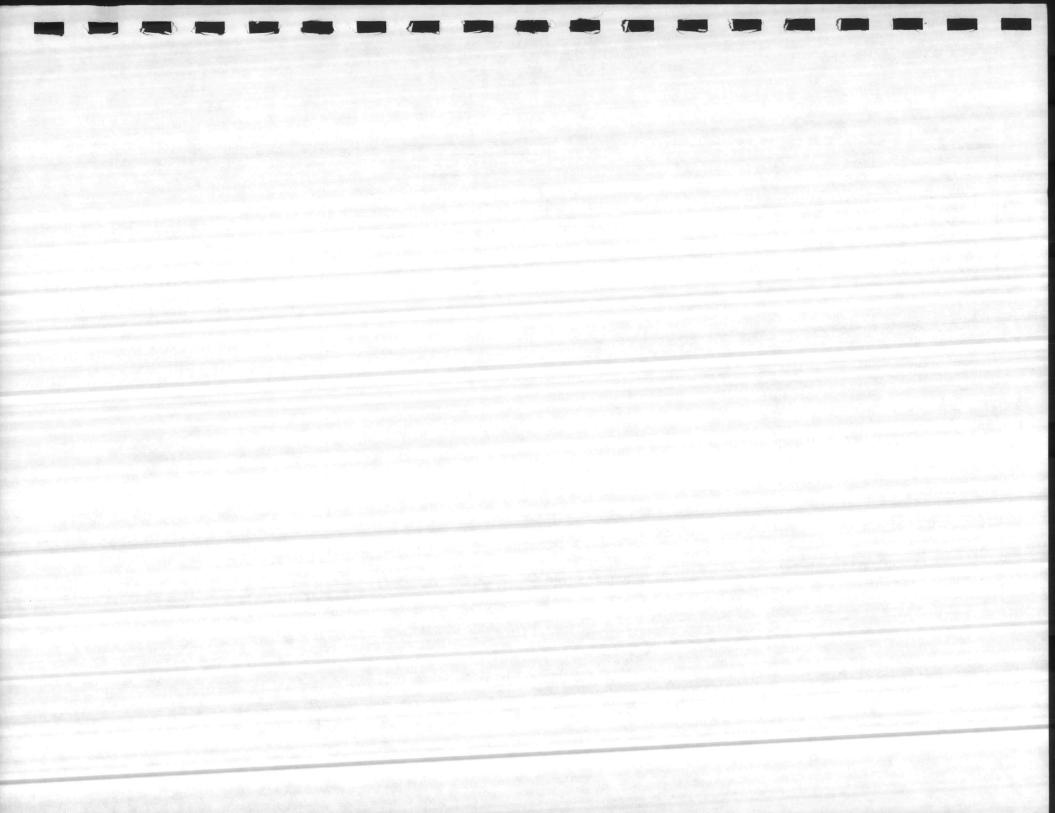
DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Climate Seasonal		NOT APPLICABLE	NOT APPLICABLE
Terrain Type Percentage Mountainous Percentage Rolling Percentage Swamp Percentage Desert Percentage Beach Percentage 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			

FILE	NAME:	UP010040

PAGE 2 OF 5 DATE: 03/05/8

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

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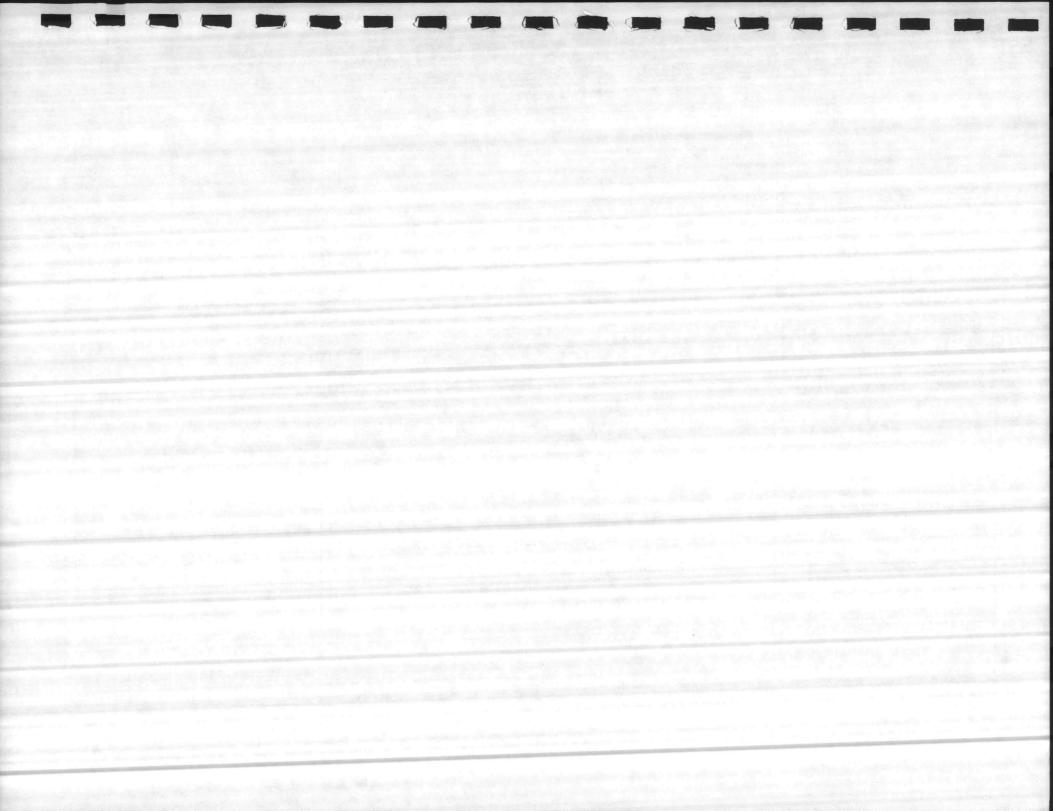


PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Undefined		
 365 		
NA 0	0	0
No		
NA		
	Undefined	PRESENT CHARACTERISTICS (INCLUDE YEAR) Undefined NO NO

FILE NAME: UP010040

AGE 3 OF 5 DATE: 03/05/87

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

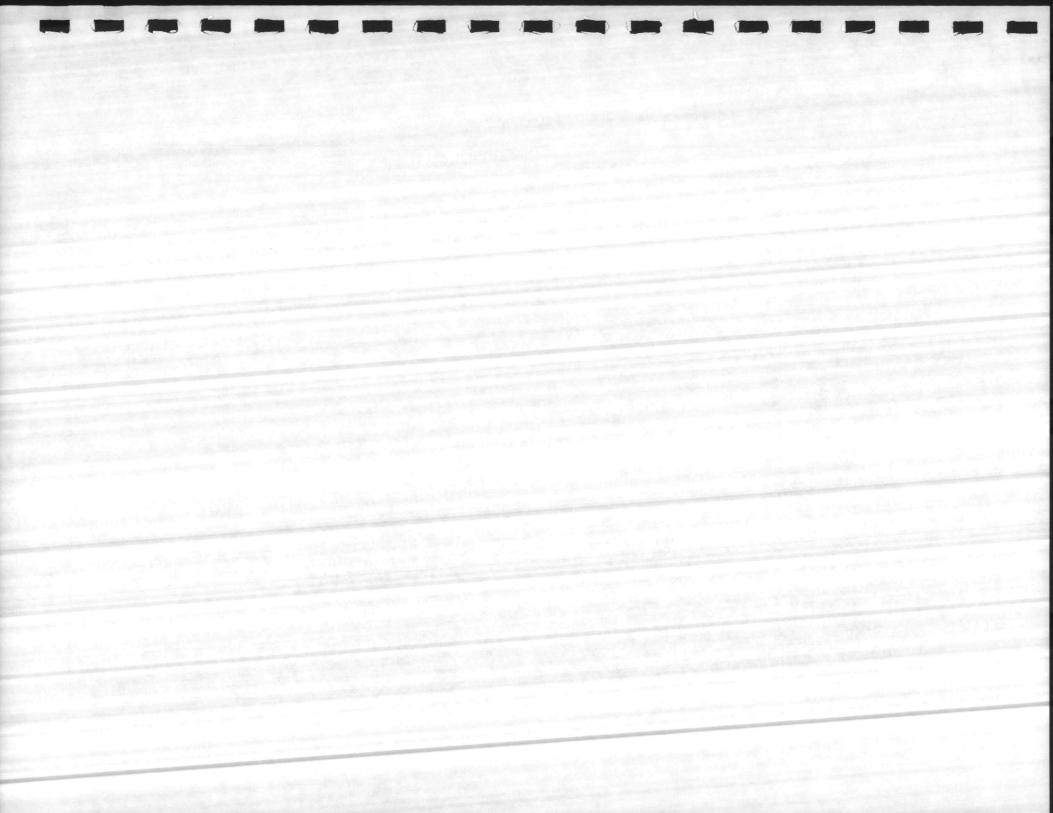


DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
	Yes Yes Located in Maneuver Area LC 		
Are There Site-unique Requirements Placed on Using Units? Yes, No, Explain	NA NA		
Distance from Supply Points POL (km)	NA	·	
Restrictions on Maneuver Area Use Environmental			

FILE NAME: UP010040

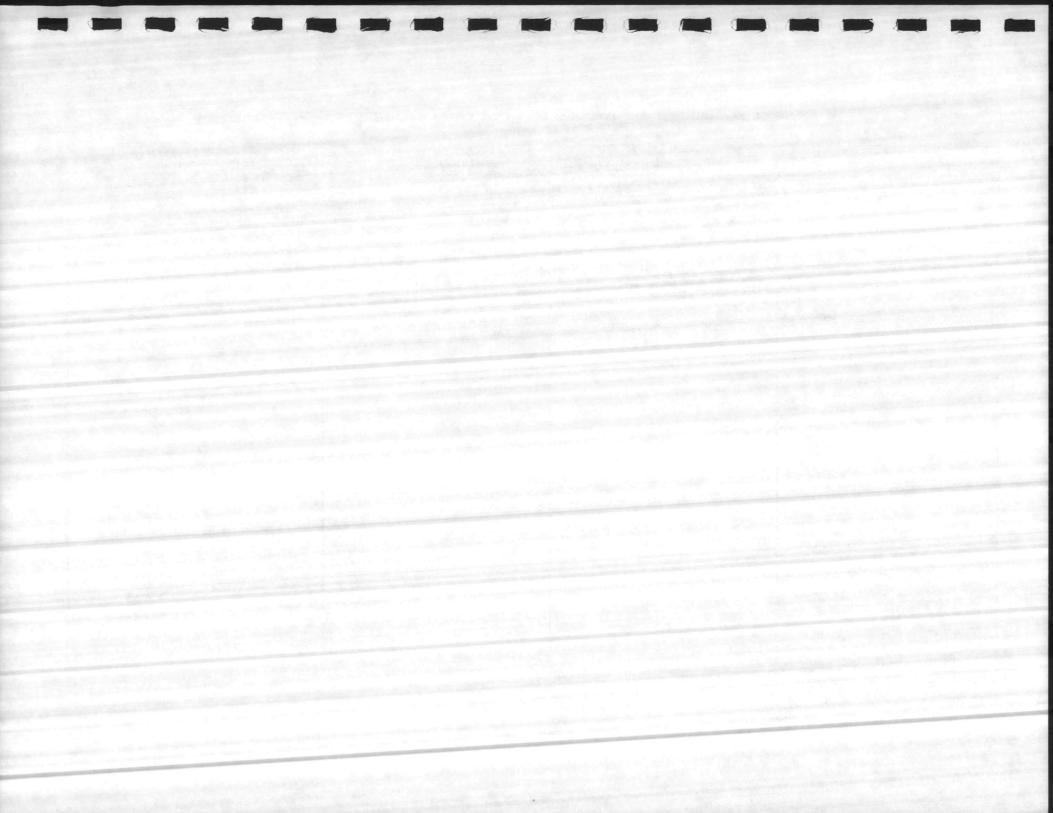
PAGE 4 OF 5 DATE: 03/05/87

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



DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE
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FILE NAME: UP010040
PAGE 5 OF 5 DATE: 03/05/87 MANEUVER AREA MANAGER: D. J. Hashagen, Sr.



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

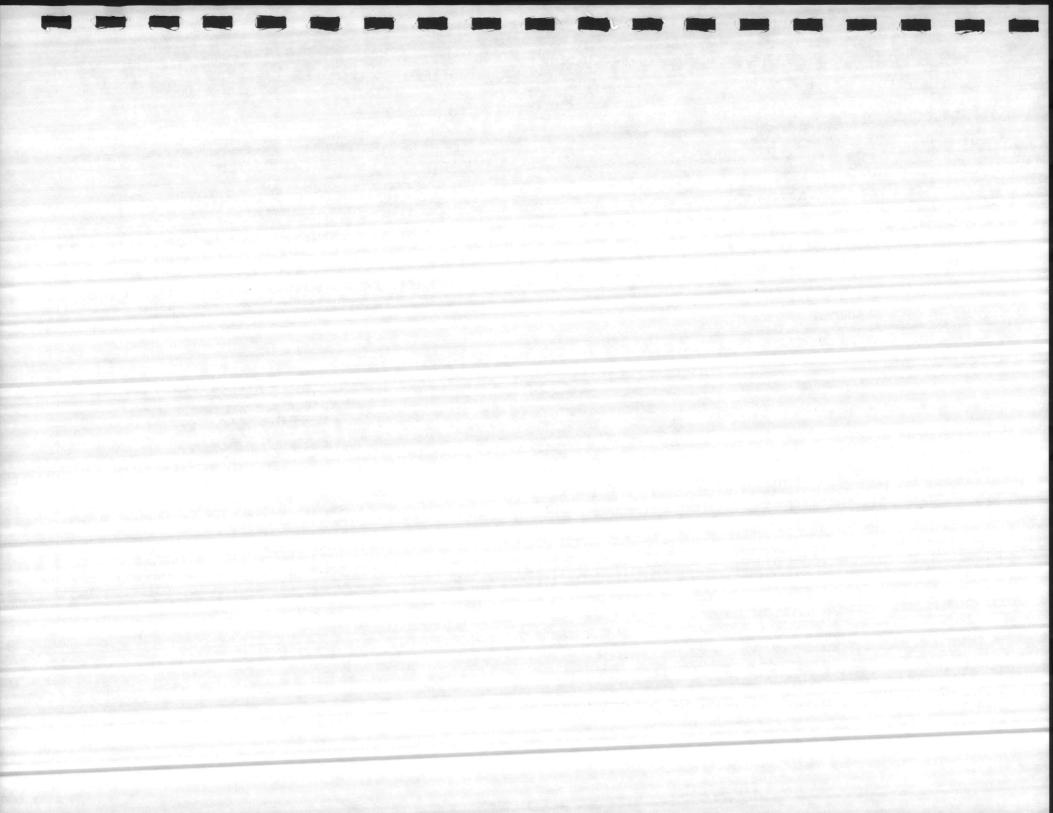
SUBMITTED BY: D. J. Hashagen, Sr., DRCO, AV 484-2102 MANEUVER AREA NAME AND LOCATION: ALZ-20, MCB, Camp Lejeune,	Infantry Electronic Warfare Artillery Amphibious Exercises NC Armor (LAVs, AAVs, Tanks) MAGTF FTX Combined Arms Air-to-Ground Operations Communications Exercises X Administrative Landing Zone 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)	Undefined		Commence of the commence of th
Primary Direction of Fire Coordinates	 NA TP801360 		
	 /\ /\ NORTH		
Associated Air Space Altitude (ft)			
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] • 아들아 ()	

RTI.E	NAME:	UP010041

PAGE 1 OF 5 DATE: 03/05/87

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

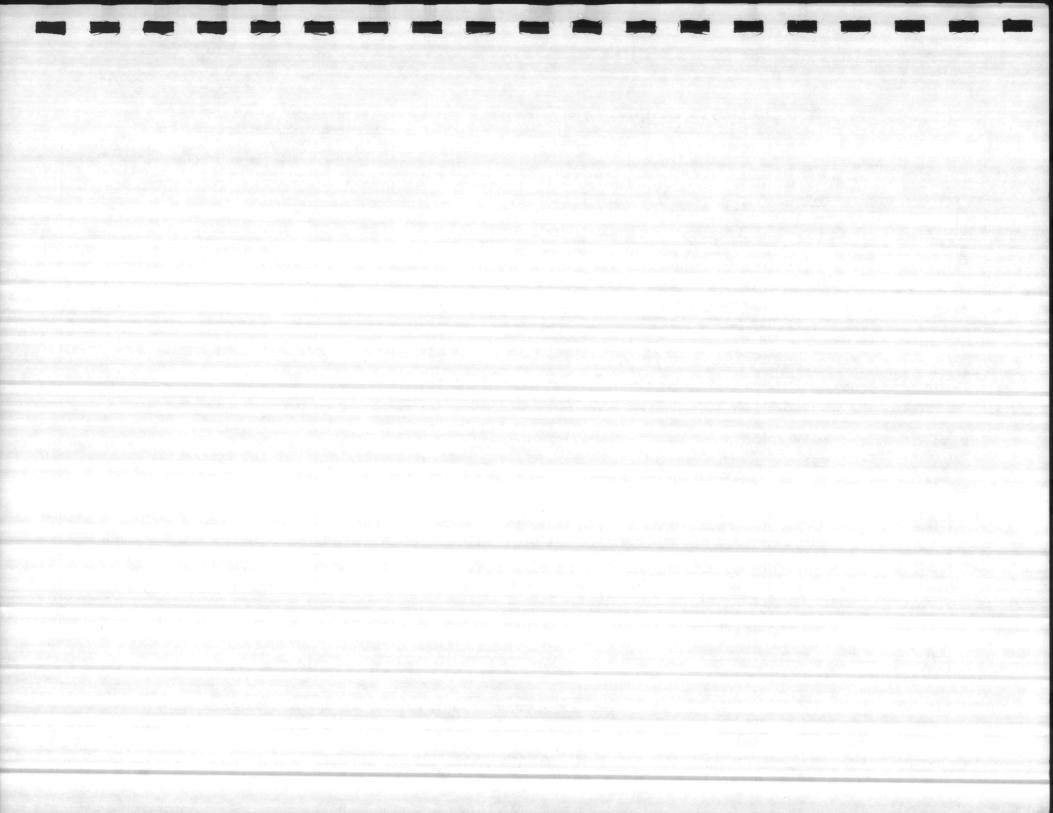


DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Climate Seasonal X Tropic Temperate X Tropic			
Arctic		NOT APPLICABLE	NOT APPLICABLE I I
Terrain Type Percentage Mountainous Percentage Rolling Percentage Swamp Percentage Desert		NOT APPLICABLE	
Percentage Beach	00 I		
Soil Type Percentage Rock	00	NOT APPLICABLE	NOT APPLICABLE
Vegetation Percentage None	00		

FILE NAME: UP010041 PAGE 2 OF 5 DATE:

DATE: 03/05/87

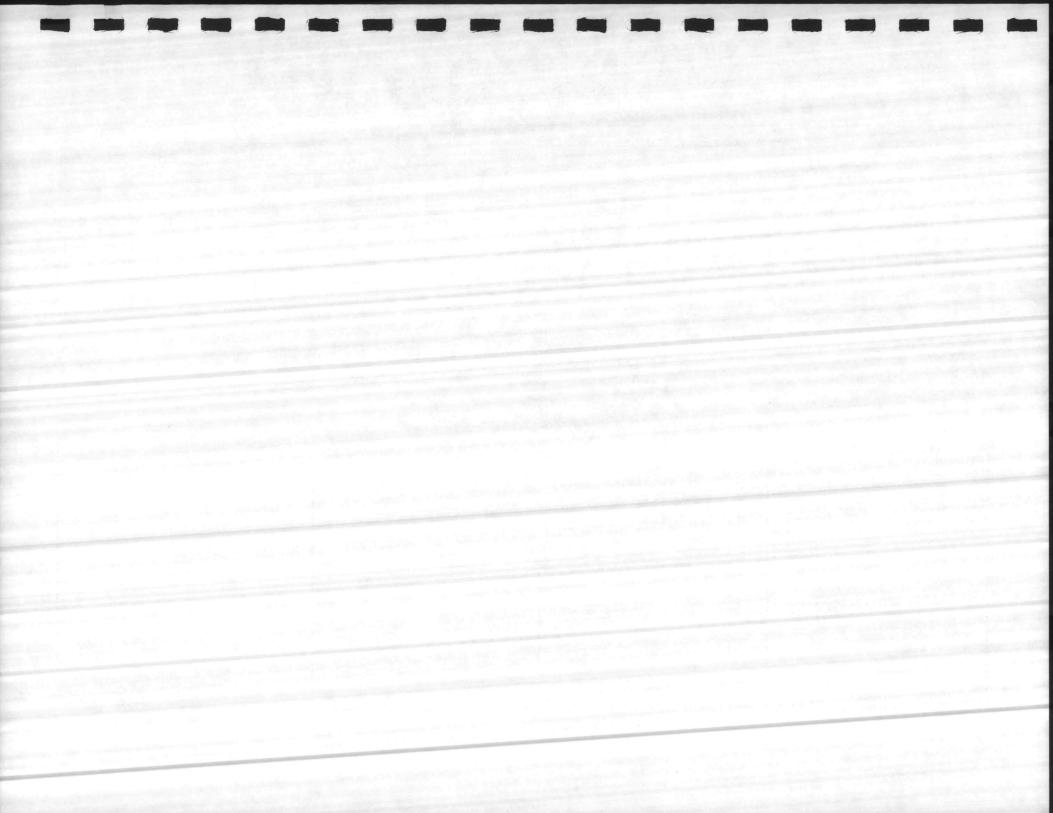
MANEUVER AREA MANAGER: D. J. Hashagen, Sr.



PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
 Undefined	•	
 365 		
NA 0 	0	
 No 		
NA		
	Undefined 365 NA 0	PRESENT CHARACTERISTICS (INCLUDE YEAR) Undefined NA O NO

FILE NAME: UP010041
PAGE 3 OF 5 DATE: 03/05/87

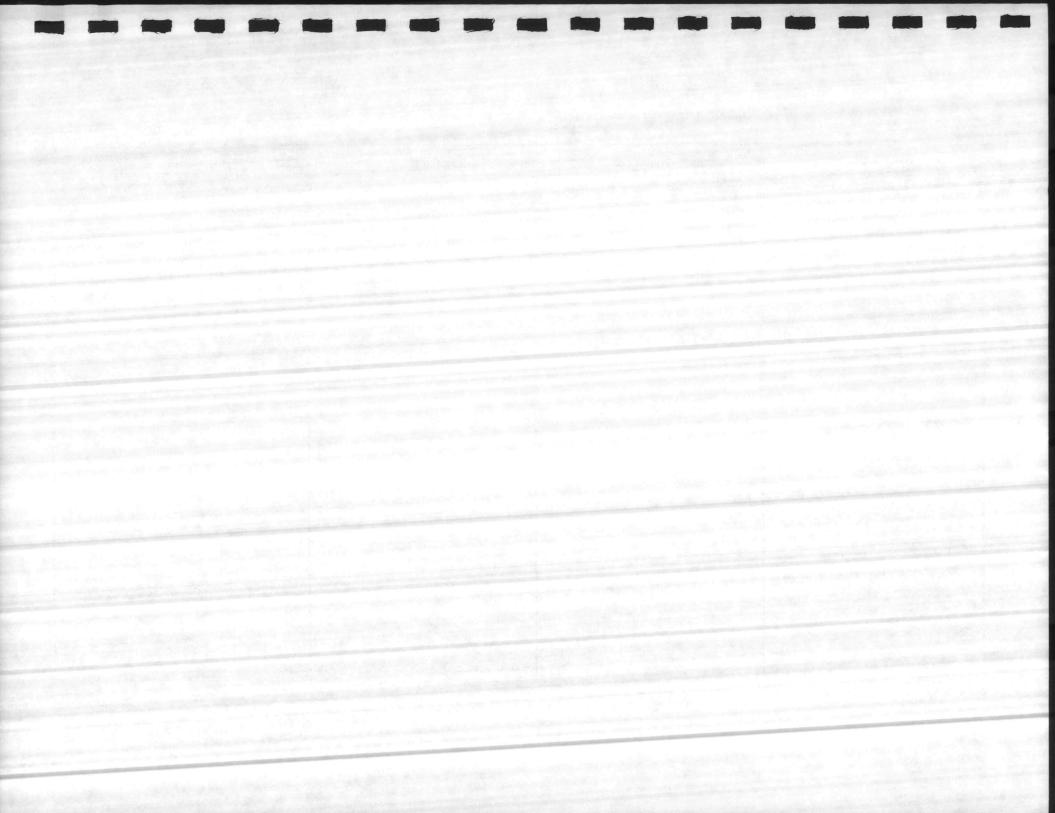
MANEUVER AREA MANAGER: D. J. Hashagen, Sr.



DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
	Yes Adjacent to OP-6 on northern edge of K-2 impact area 		
Are There Site-unique Re- quirements Placed on Using Units? Yes, No, Explain	NA		
Distance from Supply Points POL (km)	NA		•
Restrictions on Maneuver Area Use Environmental. AICUZ. FAA Noise Gas/Chemical. Pyrotechnics/Flare. Time of Day. Time of Year. Other.			

FILE NAME: UP010041
PAGE 4 OF 5 DATE: 03/05/87

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

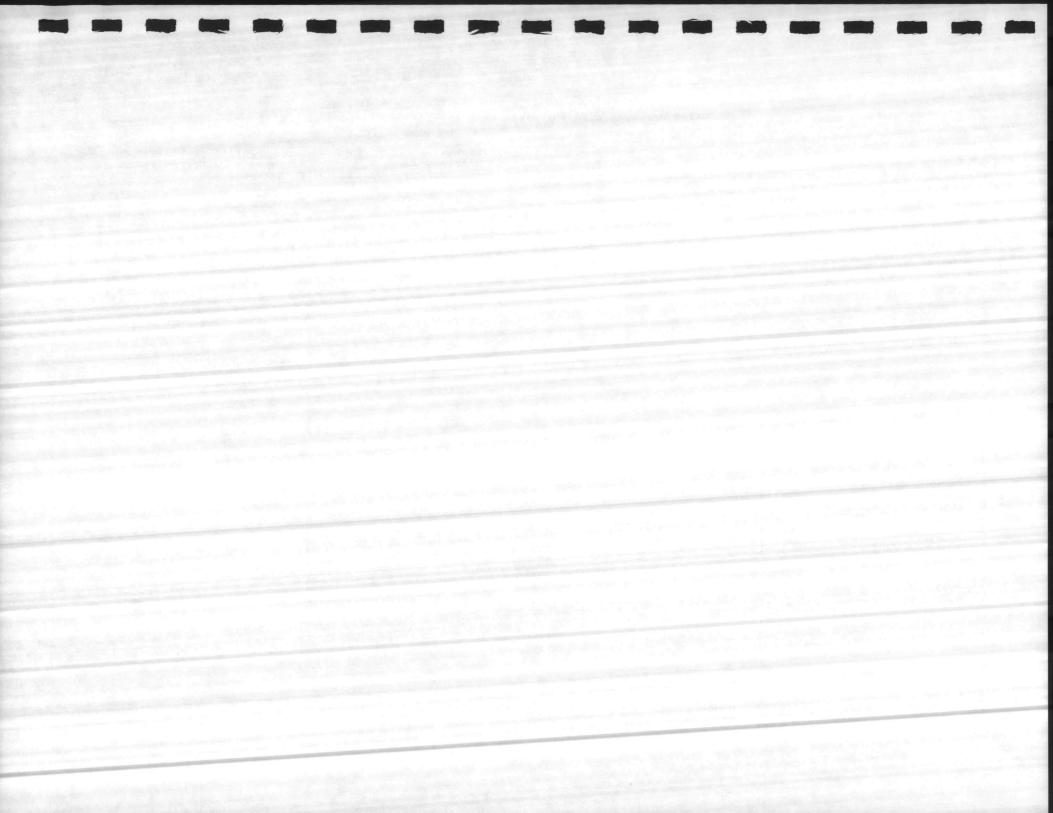


DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED	CHARACTERISTICS NEEDED IF APPLICABLE
			The Market State Control of the Control	
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FILE NAME: UP010041

PAGE 5 OF 5 DATE: 03/05/87

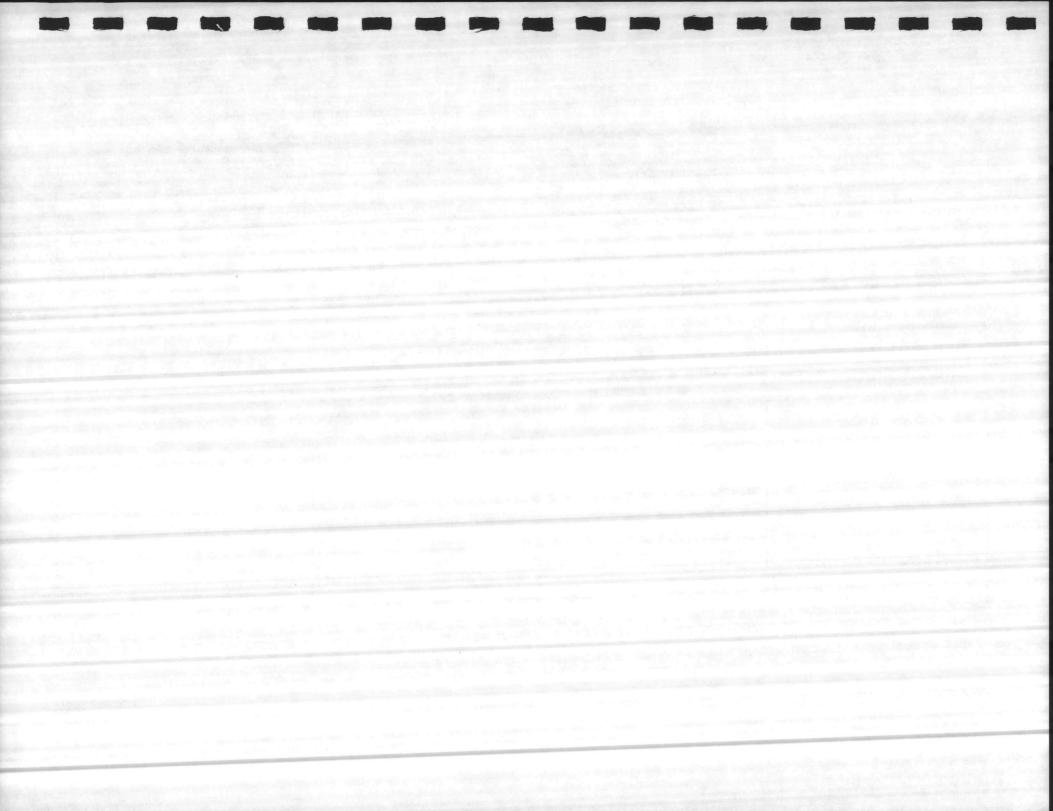
MANEUVER AREA MANAGER: D. J. Hashagen, Sr.



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

SUBMITTED BY: D. J. Hashagen, MANEUVER AREA NAME AND LOCATION INSTRUCTIONS: One form for each maneuver a Fill in data elements as app Use right column for new or	: ALZ-21, MCB, Camp Lejeune, NC rea ropriate	Infantry Artillery Armor (LAVs, AAVs, Tanks) Combined Arms Communications Exercises Logistics Exercises	Electronic Warfare Amphibious Exercises MAGTF FTX Air-to-Ground Operations
L	1	ANTICIPATED OR KNOWN CHANGES	DESIRED CHARACTERISTICS
DATA ELEMENT	PRESENT CHARACTERISTICS	(INCLUDE YEAR)	(SPECIFY YEAR NEEDED IF APPLICABLE)
Range Shape and Dimensions Dimensions (km) Primary Direction of Fire Coordinates	Undefined NA TP867359		
Associated Air Space Altitude (ft)	17,999INA		
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: UP010042
PAGE 1 OF 5 DATE: 03/05/87 MANEUVER AREA MANAGER: D. J. Hashagen, Sr.

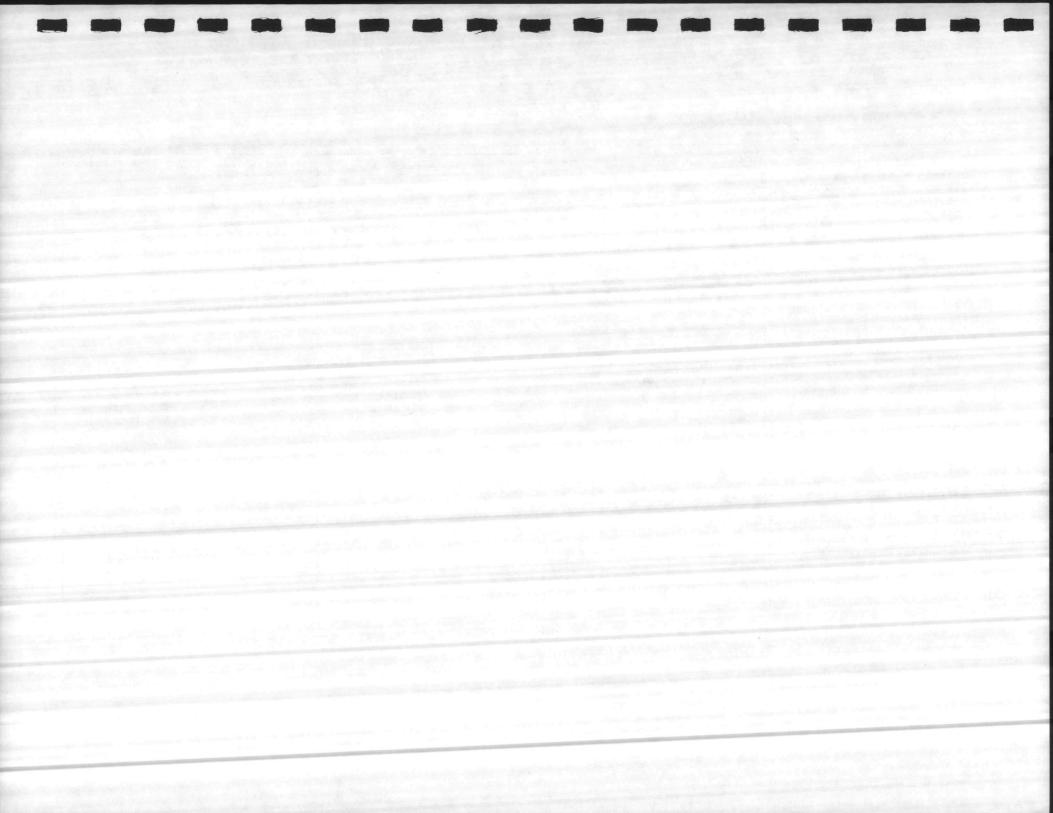


DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Climate Seasonal		NOT APPLICABLE	NOT APPLICABLE
Terrain Type Percentage Mountainous		NOT APPLICABLE	NOT APPLICABLE
Soil Type Percentage Rock		NOT APPLICABLE	NOT APPLICABLE
Vegetation 100 Percentage None			

PTIP	MAME .	IIDO10042

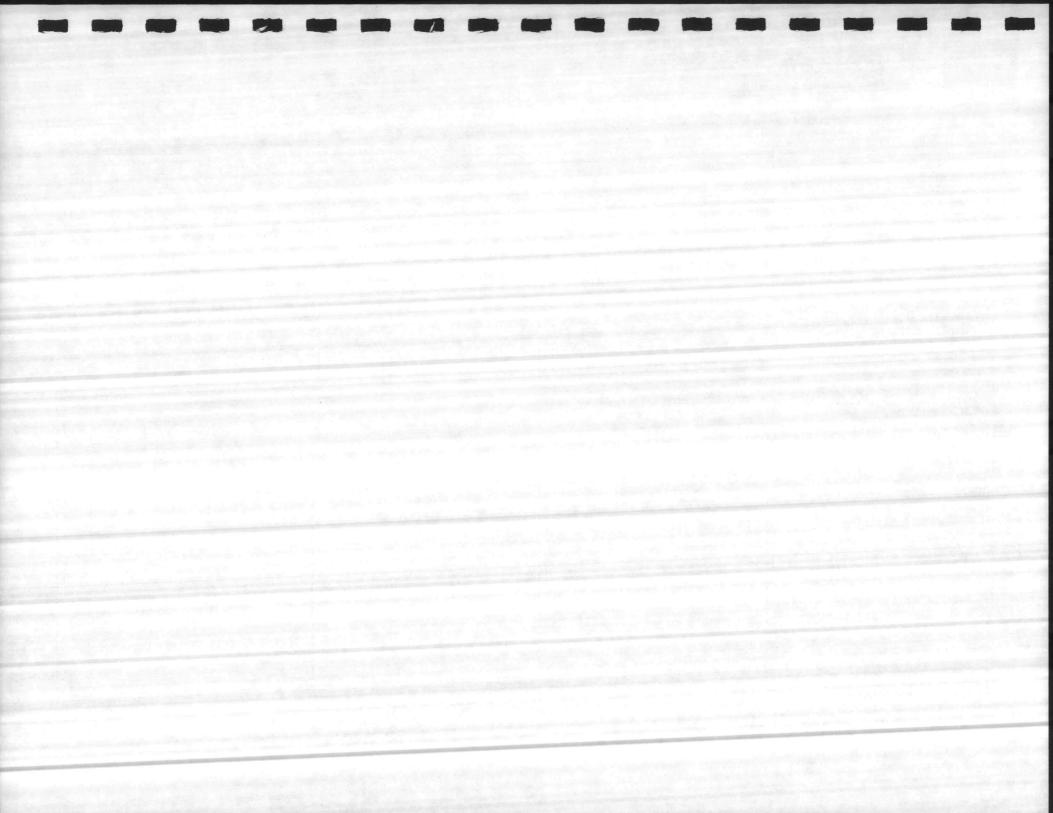
PAGE 2 OF 5 DATE: 03/05/8

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	Undefined	•	
 Number of Days per Year the Maneuver Area is Available 	365		
		0	0
Is the Maneuver Area Capable of Nighttime Use? Yes, No	No		
Other Maneuver Areas/Ranges Which Must Be Closed When This Maneuver Area is in Use	NA		

FILE	N	AME	:	UP010042	
PAGE	3	OF	5	DATE:	03/05/87

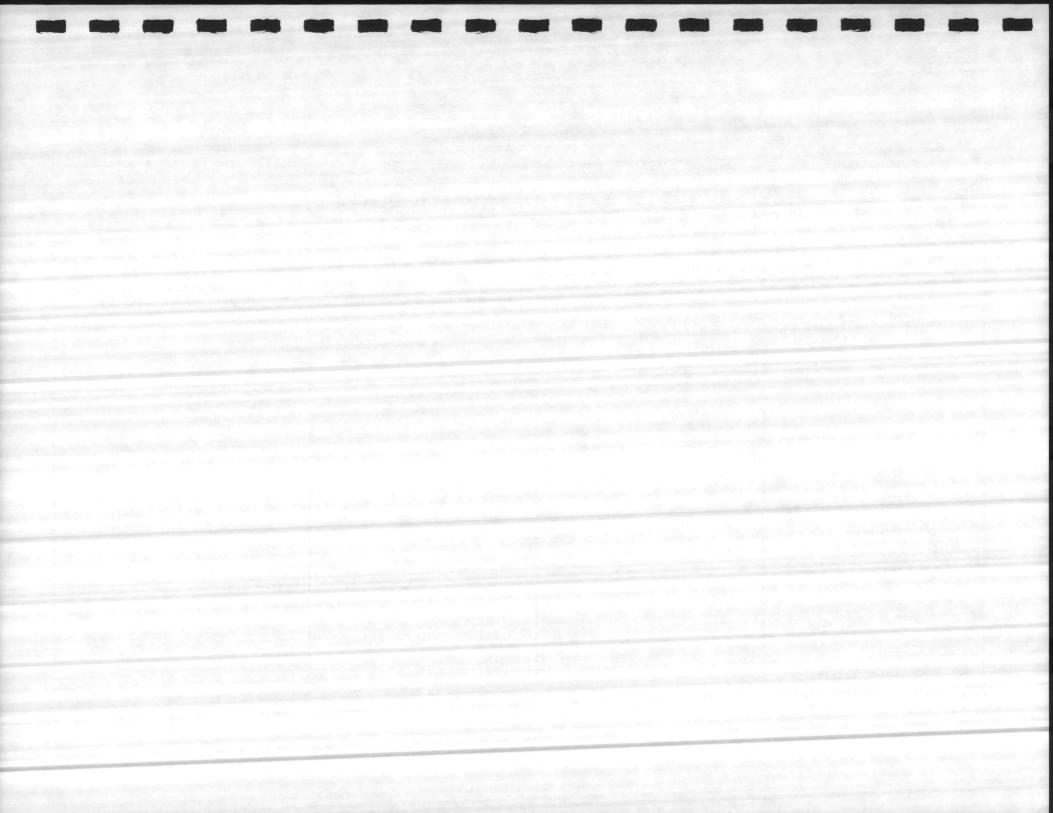


PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Yes Located in built-up area 		
NA		
NA		
	Yes Located in built-up area	PRESENT CHARACTERISTICS (INCLUDE YEAR) Yes Located in built-up area

FILE NAME: UP010042

PAGE 4 OF 5 DATE: 03/05/87

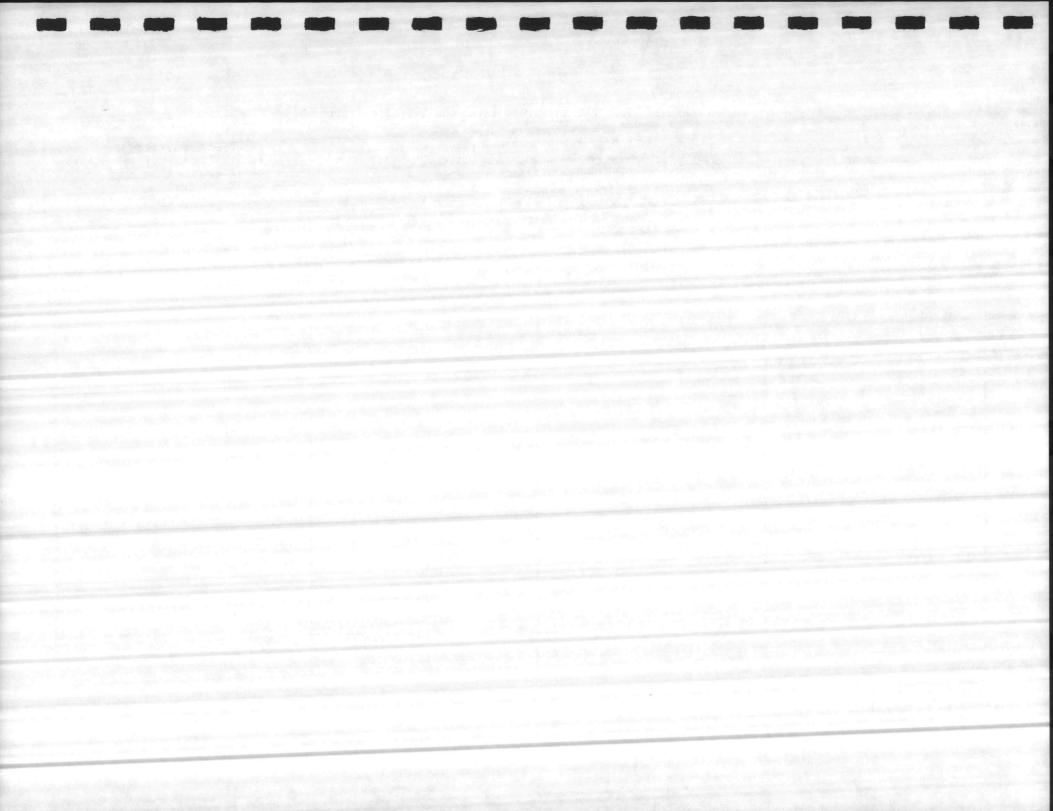
MANEUVER AREA MANAGER: D. J. Hashagen, Sr._



DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE
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FILE NAME: UP010042

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



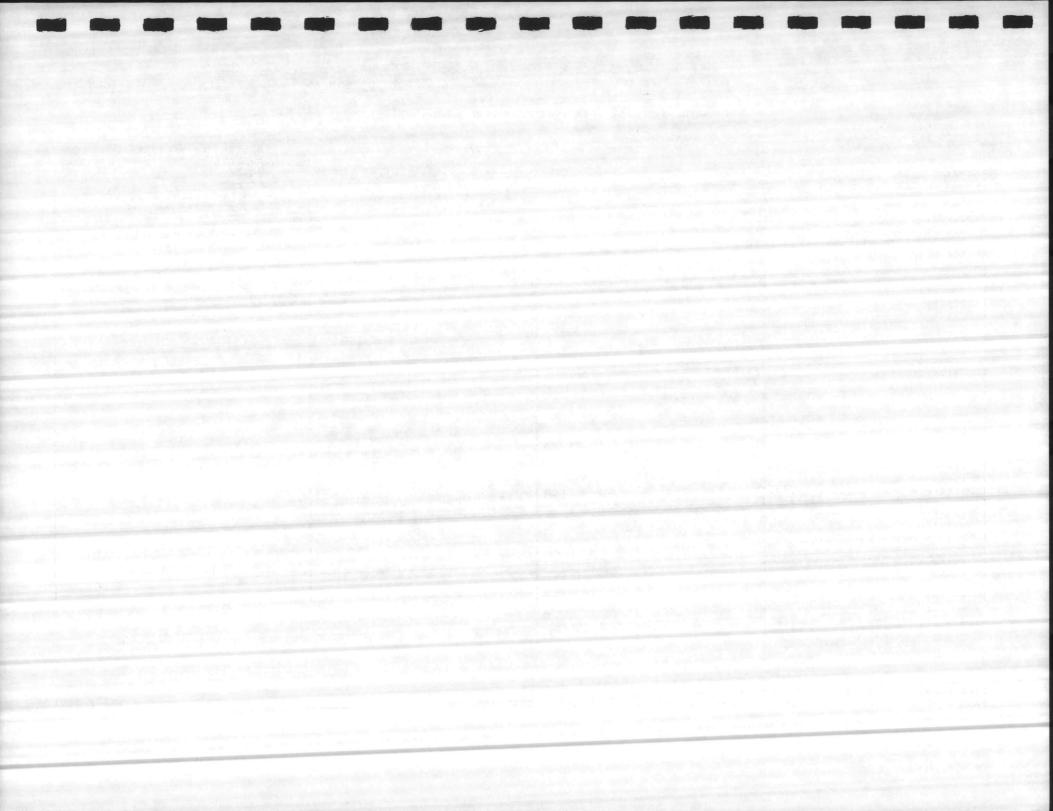
LATAR MANEUVER AREA INVENTORY DATA FORM (UTMAS-P-0001)

SUBMITTED BY: D. J. Hashagen, MANEUVER AREA NAME AND LOCATION INSTRUCTIONS: One form for each maneuver a Fill in data elements as app Use right column for new or	: ALZ-22, MCB, Camp Lejeune, NC rea ropriate	Infantry Artillery Armor (LAVs, AAVs, Tanks) Combined Arms Communications Exercises Logistics Exercises	Air-to-Ground Operations
DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Range Shape and Dimensions Dimensions (km)	Undefined NA TP903265 /\ /\ NORTH		
Associated Air Space Altitude (ft)			
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: UP010043

PAGE 1 OF 5 DATE: 03/05/87

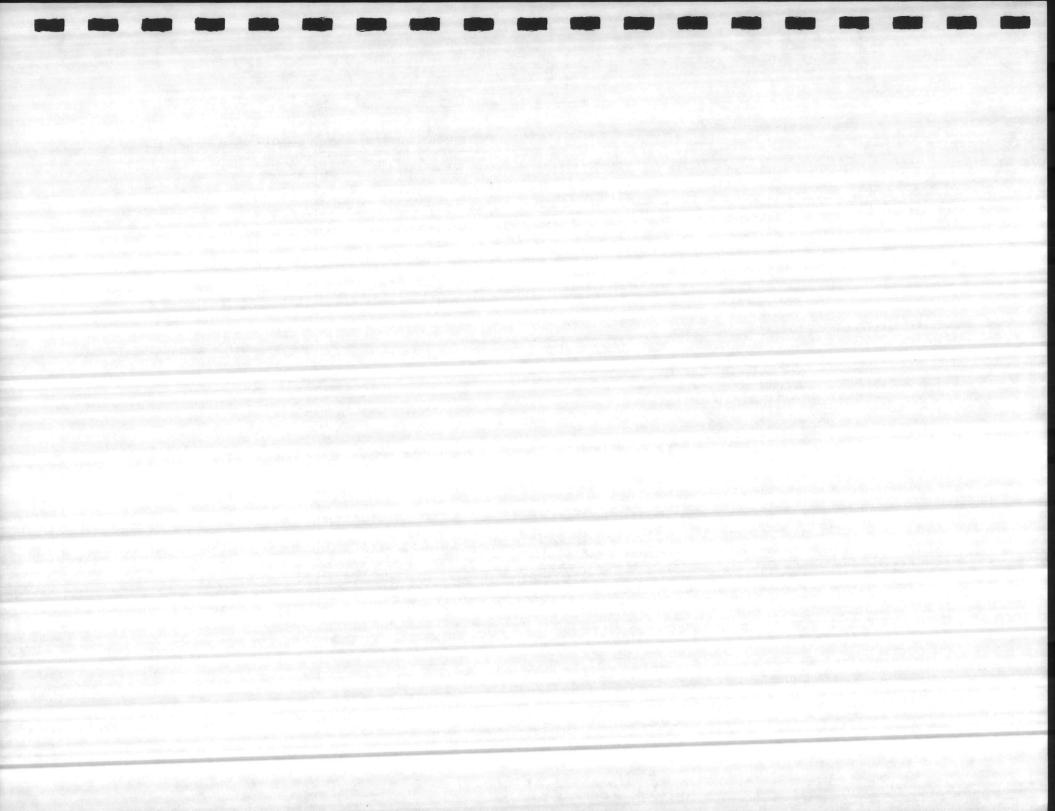
MANEUVER AREA MANAGER: D. J. Hashagen, Sr.



DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Climate Seasonal	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	100		

PAGE 2 OF 5 DATE: 03/05/87

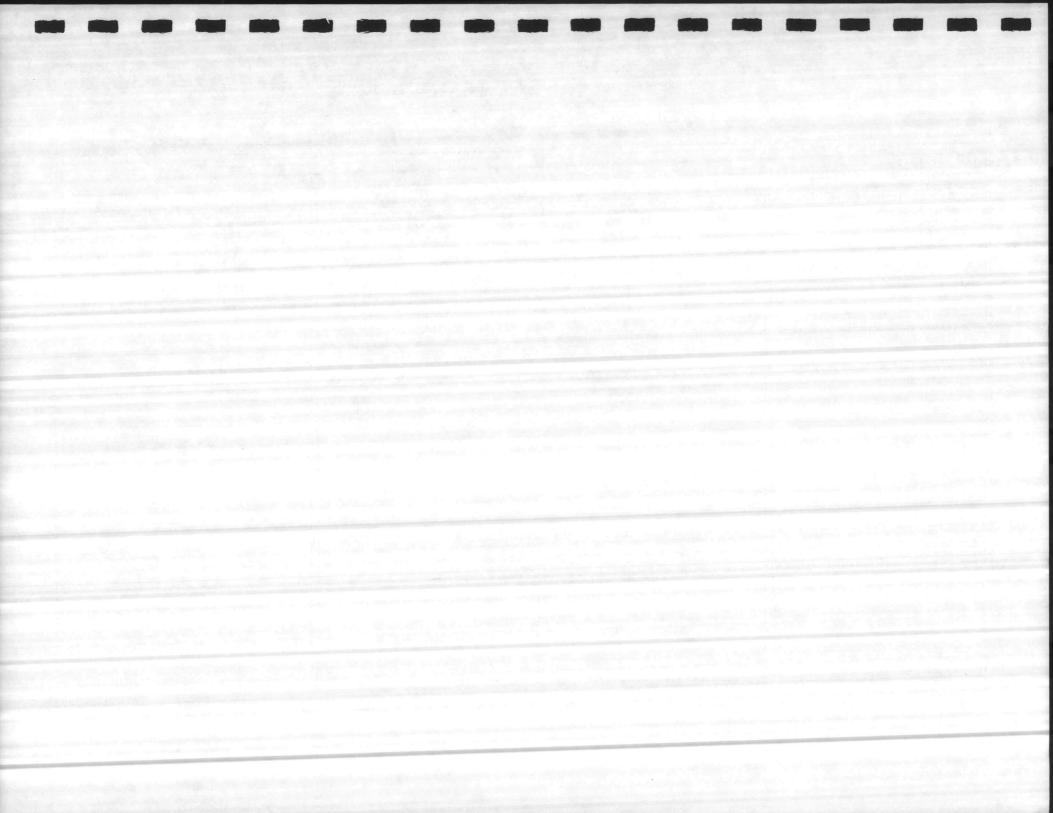
MANEUVER AREA MANAGER: D. J. Hashagen, Sr.



PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Undefined	•	
365		
NA 0		0
No		
NA		
	Undefined	Undefined

FILE NAME: UP010043
PAGE 3 OF 5 DATE: 03/05/87

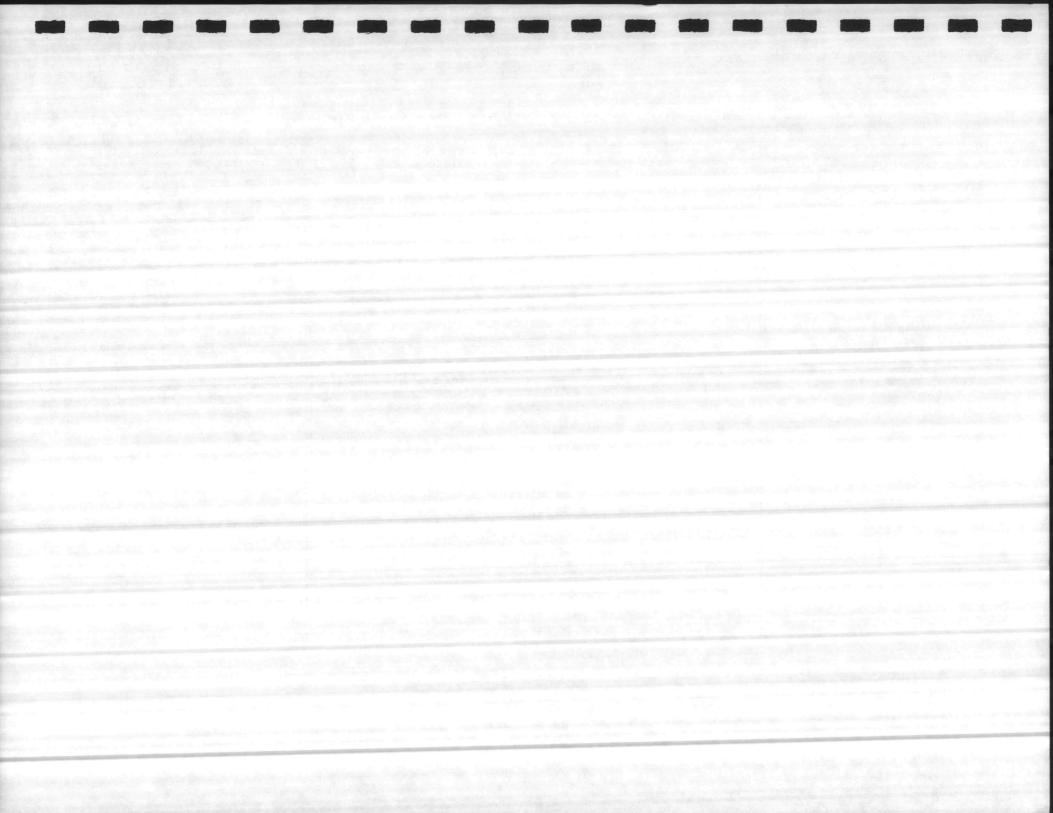
MANEUVER AREA MANAGER: D. J. Hashagen, Sr.



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

FILE NAME: UP010043 PAGE 4 OF 5 DATE:

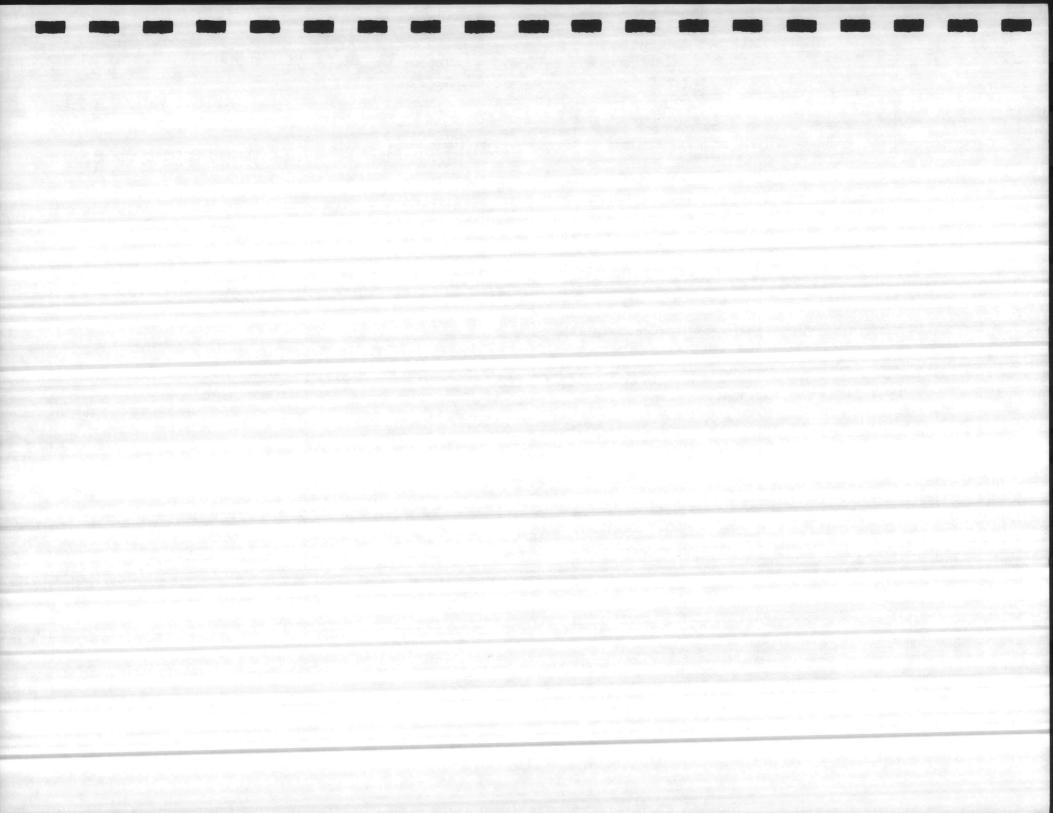
DATE: 03/05/87 MANEUVER AREA MANAGER: D. J. Hashagen, Sr.



DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE
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FILE NAME: UP010043 PAGE 5 OF 5 DATE: DATE: 03/05/87

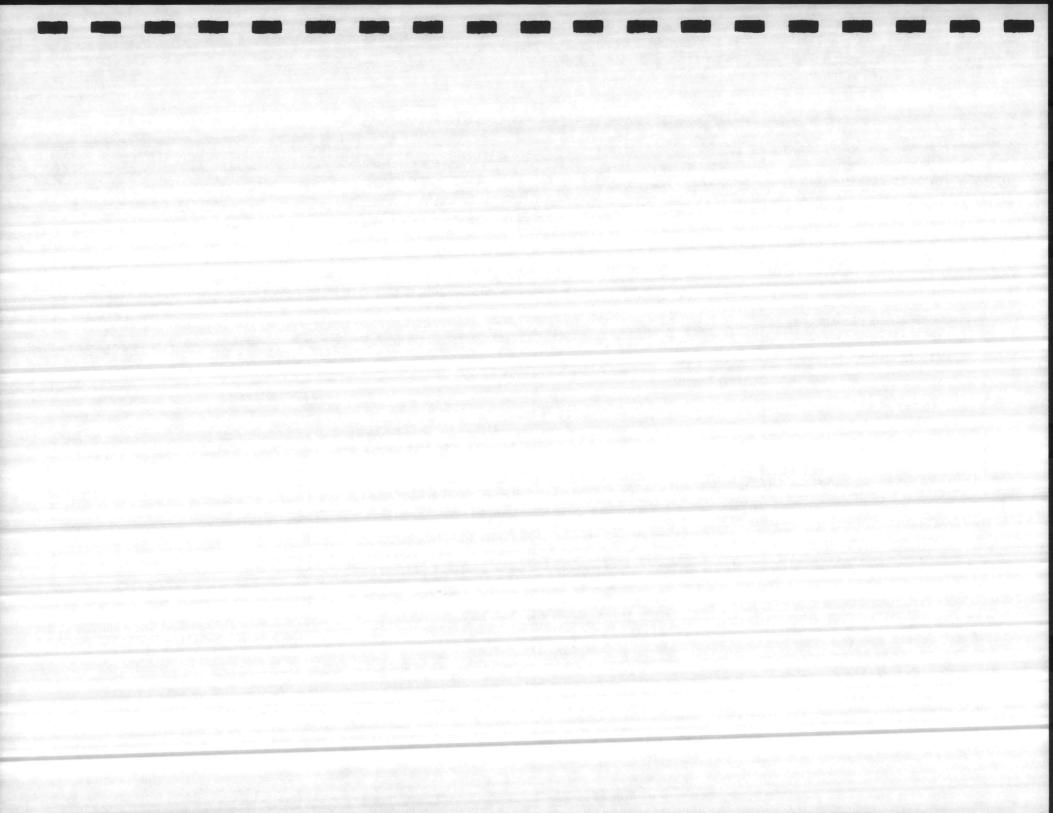
MANEUVER AREA MANAGER: D. J. Hashagen, Sr.



SUBMITTED BY: D. J. Hashagen, Sr., DRCO, AV 484-2102 MANEUVER AREA NAME AND LOCATION: ALZ-23, MCB, Camp Lejeune, INSTRUCTIONS: One form for each maneuver area Fill in data elements as appropriate Use right column for new or improved maneuver areas needed	Infantry Electronic Warfare Artillery Amphibious Exercises Armor (LAVs, AAVs, Tanks) MAGTF FTX Combined Arms Air-to-Ground Operations Communications Exercises X Administrative Landing Zone Logistics Exercises Other
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DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Primary Direction of Fire Coordinates	 TP944373 		
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		주실시	

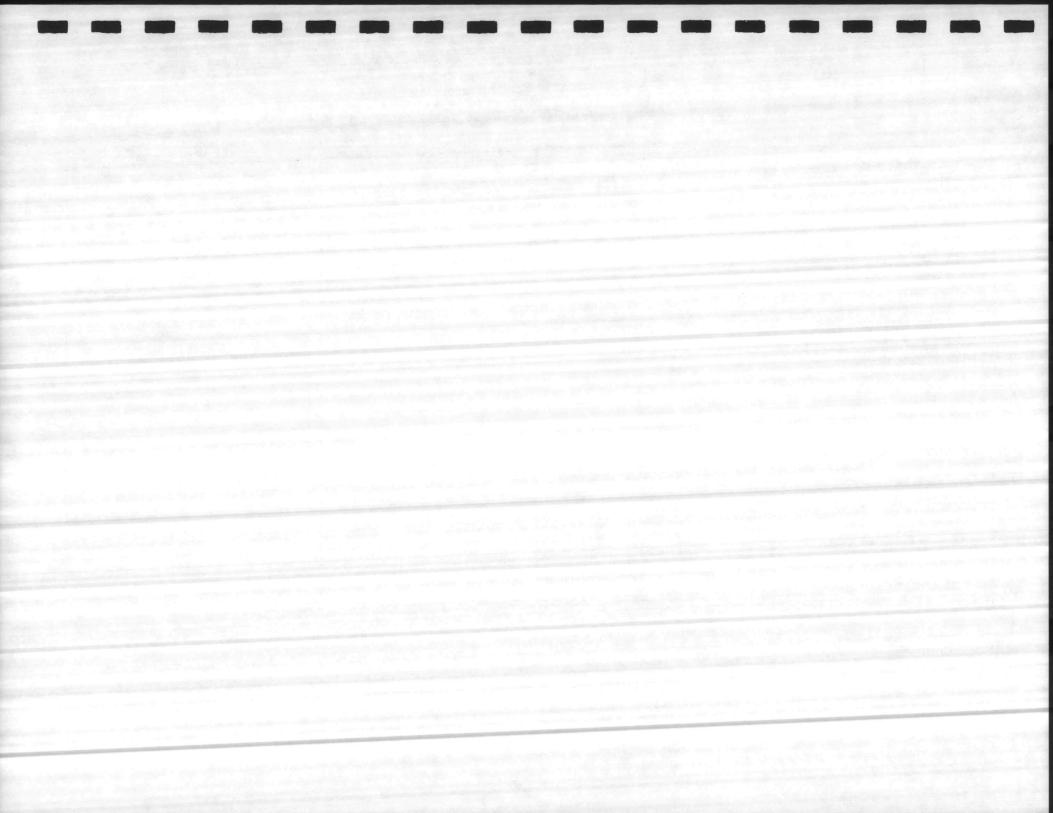
FILE NAME: UP010044			
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PAGE 1 OF 5 DATE: 03/05/87 MANEUVER AREA MANAGER: D. J. Hashagen, Sr	PAGE 1 OF 5 DATE: 03/05/87	MANEUVER AREA MANAGER: D. J. Hashagen, Sr	UTMAS-P-0001



DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Climate Seasonal X Tropic I Temperate I Arctic I Desert I All-Weather (Indoor)		NOT APPLICABLE	NOT APPLICABLE
Terrain Type Percentage Mountainous Percentage Rolling Percentage Swamp Percentage Desert Percentage Beach Percentage Level Percentage Water	00	NOT APPLICABLE	NOT APPLICABLE
Soil Type Percentage Rock	00	NOT APPLICABLE	NOT APPLICABLE
Vegetation Percentage None	00		

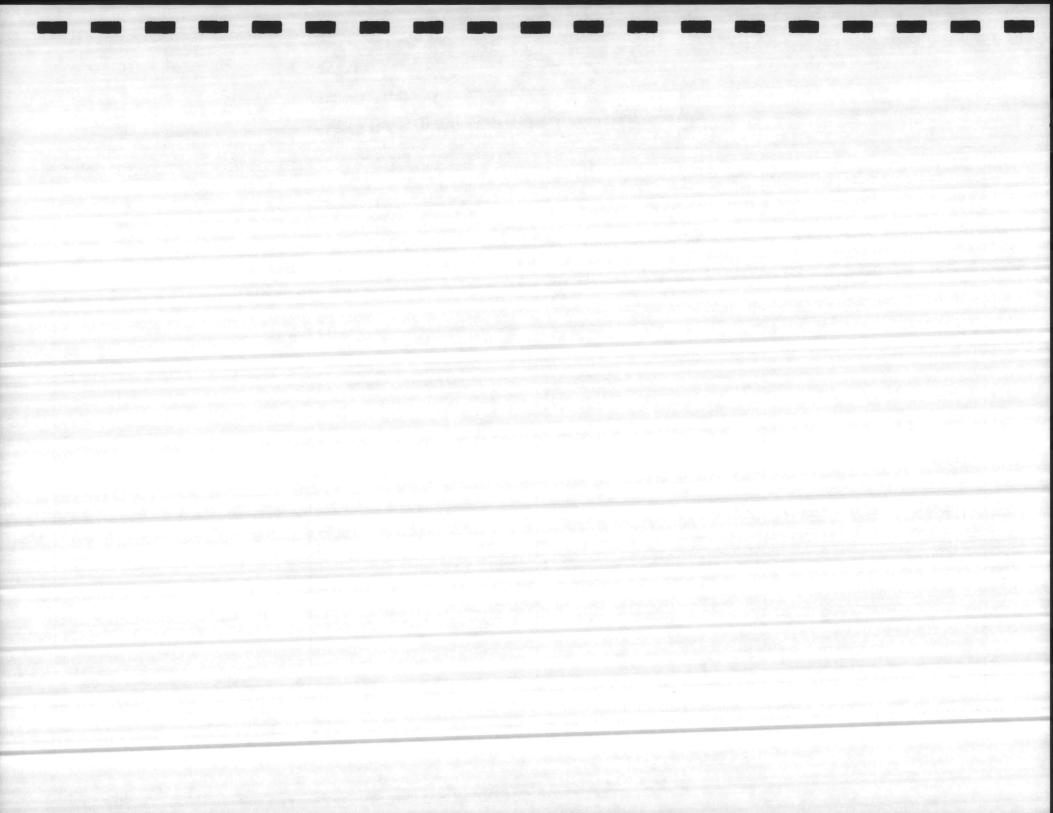
FILE NAME: UP010044 PAGE 2 OF 5 DATE:

DATE: 03/05/87



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		•	
Number of Days per Year the Maneuver Area is Available	365		
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	No		
Other Maneuver Areas/Ranges Which Must Be Closed When This Maneuver Area is in Use	I NA		

FILE	NA	ME:		UP010044	
PAGE	3	OF	5	DATE:	03/05/87

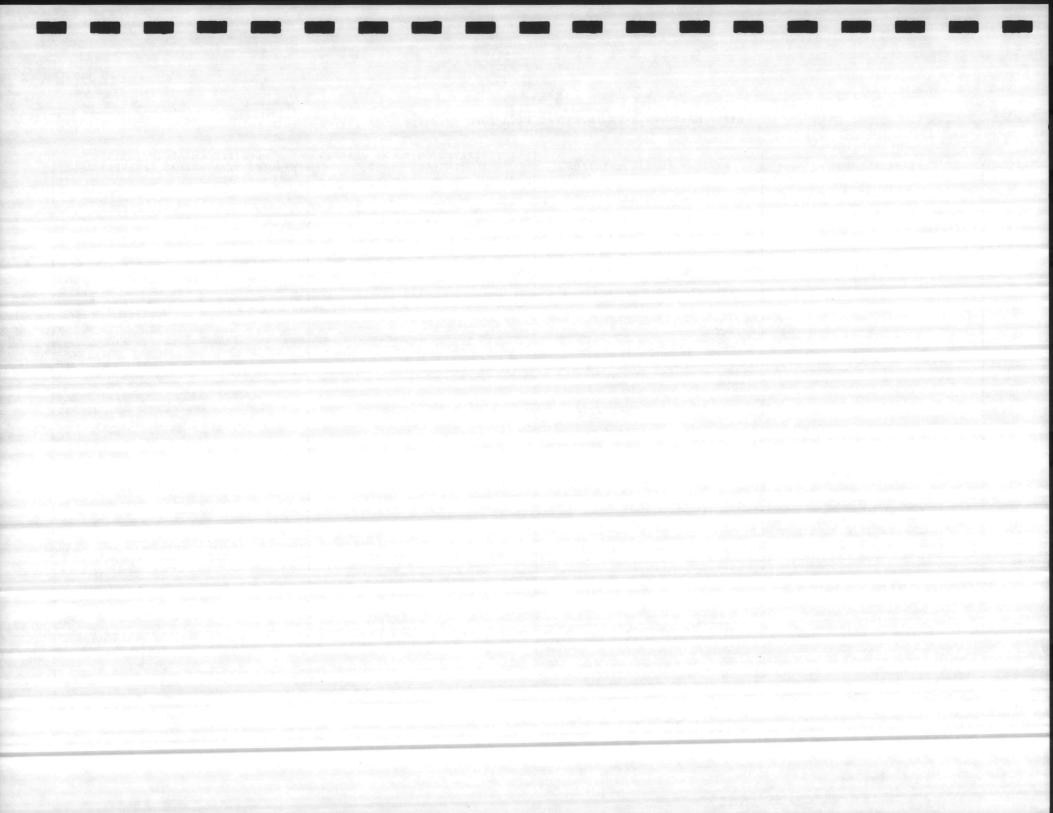


DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
re There Site-unique Features (Waivers to Man- euver Area Standards, Safety, etc.)? Yes, No, Explain	Yes Adjacent to GP-9		
re There Site-unique Re- quirements Placed on Using Units? Yes, No, Explain	NA		
istance from Supply Points POL (km)	NA		
estrictions on Maneuver Area Use Environmental	NA		

FILE NAME: UP010044

PAGE 4 OF 5 DATE: 03/05/87

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

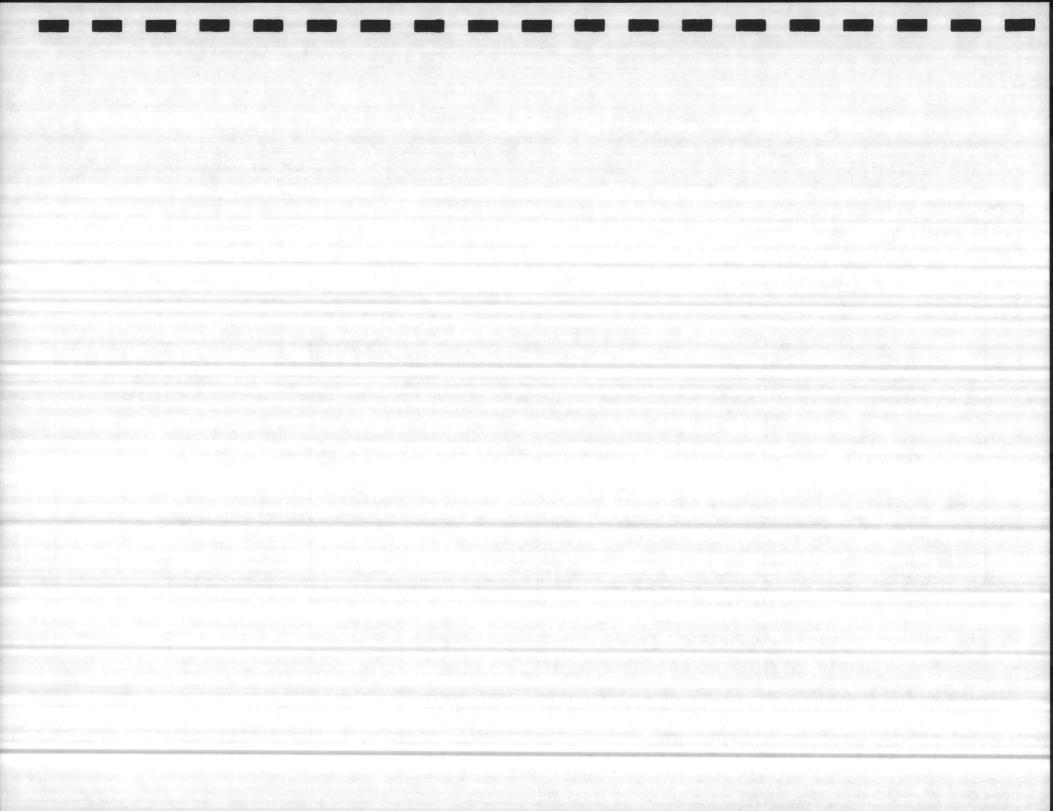


DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
		and the second second second second second	

FILE NAME: UP010044

PAGE 5 OF 5 DATE: 03/05/87

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



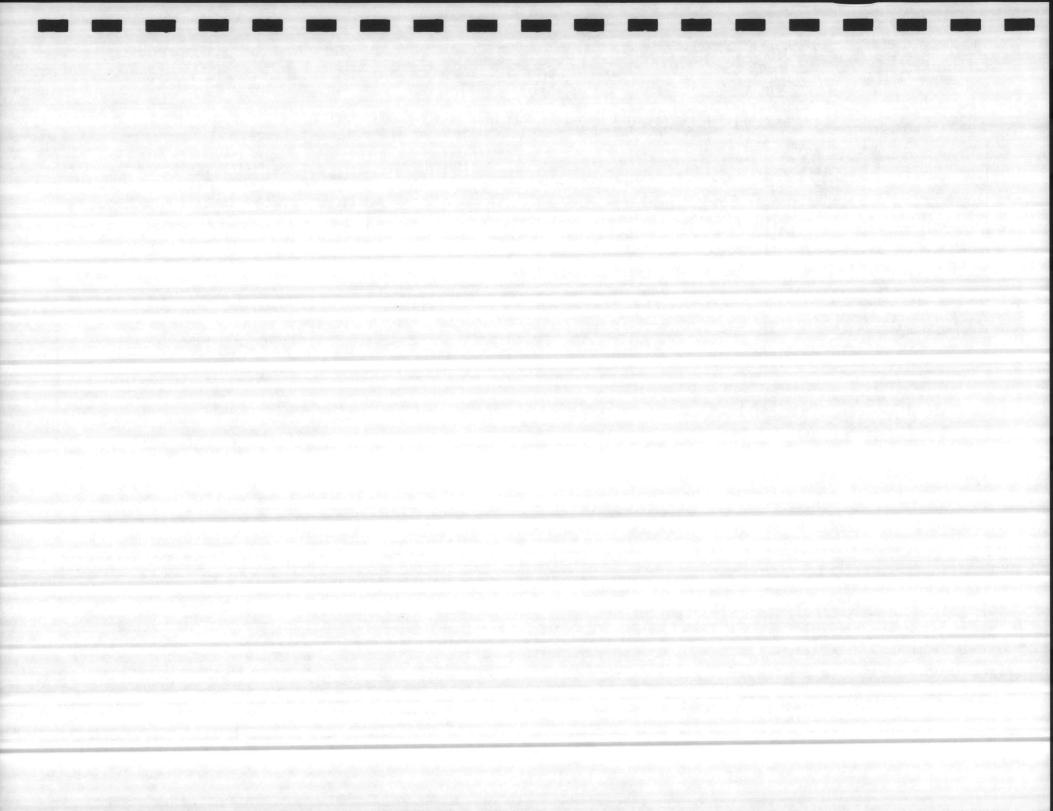
SUBMITTED BY: D. J. Hashagen, Sr., DRCO, AV 484-2102	Infantry	AREA: Electronic Warfare Amphibious Exercises
MANEUVER AREA NAME AND LOCATION: ALZ-24, MCB, Camp Lejeune, No.	Combined Arms	MAGTF FTX Air-to-Ground Operations Administrative Landing Zone Other
INSTRUCTIONS: One form for each maneuver area 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)	Undefined		
Primary Direction of Fire Coordinates	 NA TP842450 		
	 /\ /\ NORTH		
Associated Air Space Altitude (ft)			
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: UP010045

PAGE 1 OF 5 DATE: 03/05/87

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

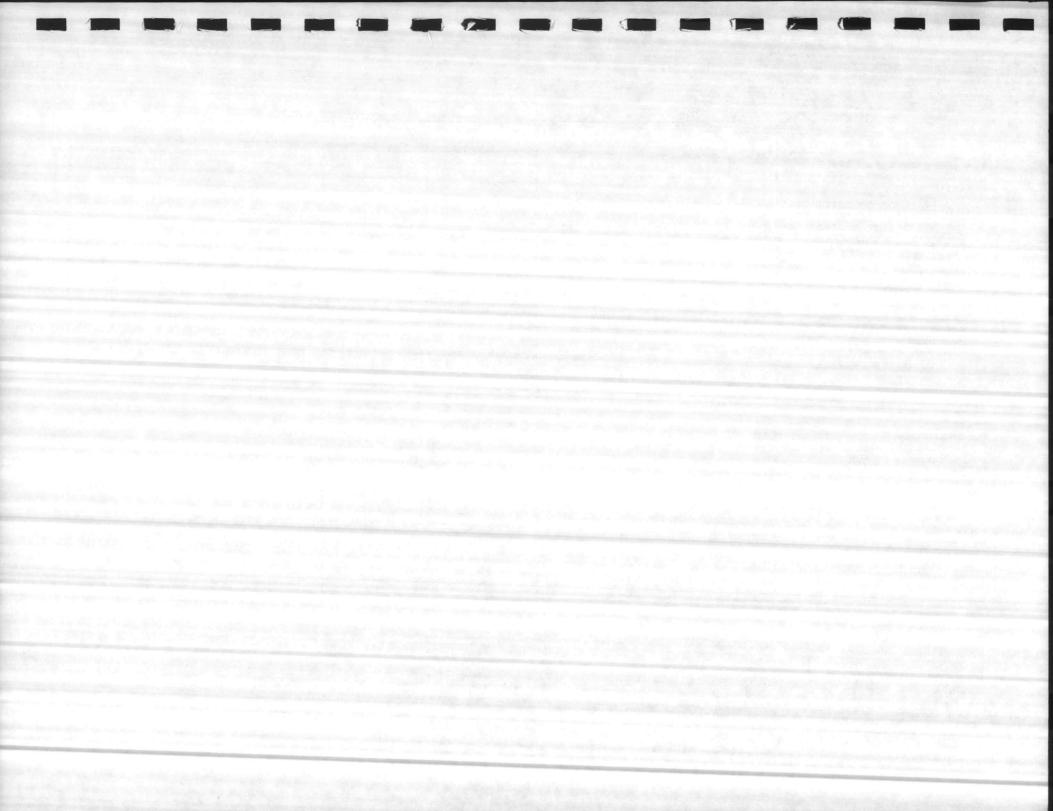


DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Climate Seasonal X Tropic Temperate Arctic Desert All-Weather (Indoor)		NOT APPLICABLE	NOT APPLICABLE
Terrain Type Percentage Mountainous	0	NOT APPLICABLE	NOT APPLICABLE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

FILE NAME: UP010045

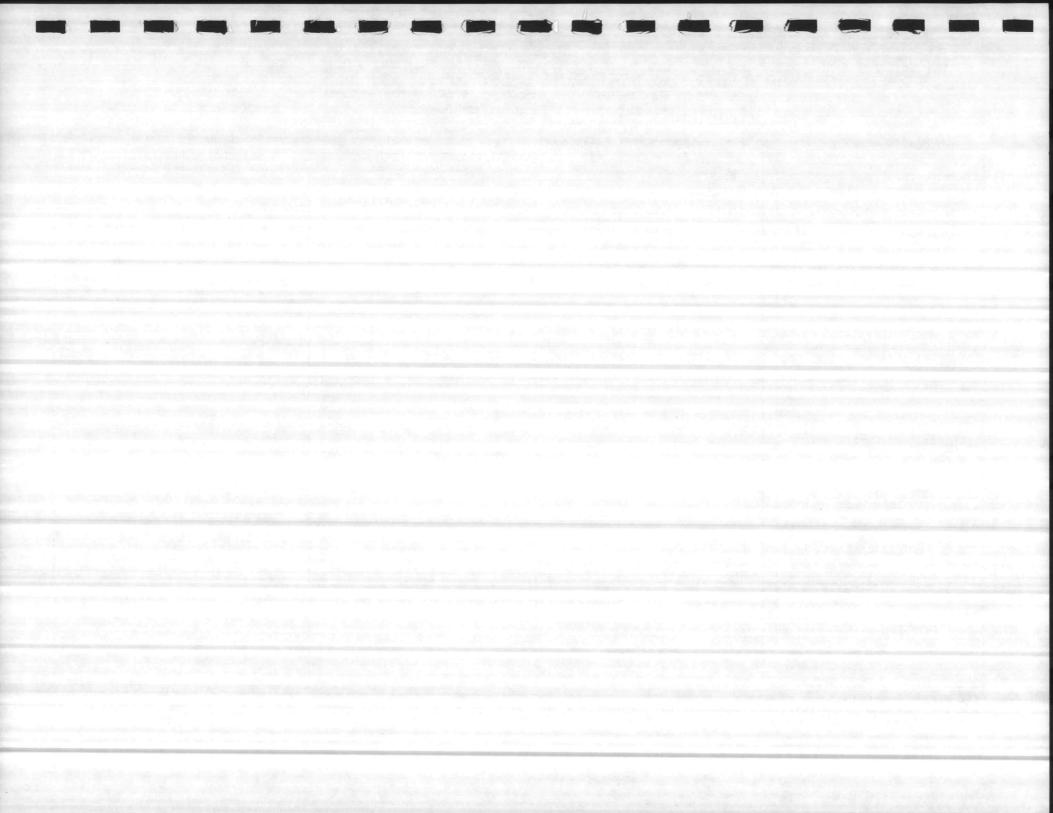
PAGE 2 OF 5 DATE: 03/05/87

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



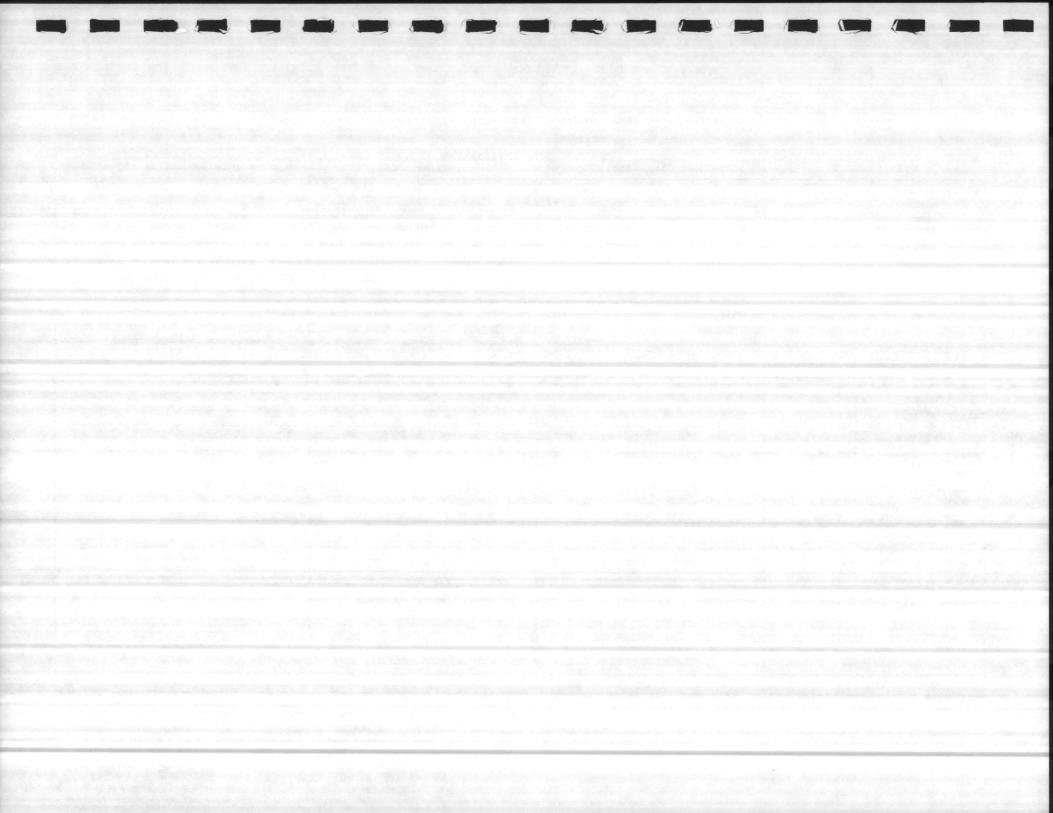
DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
List Capacity of an 8-Hour Training Day. Specify: Unit of Measure, e.g., No. of Bns/Sqdns No. of Aircraft/Helos No. of AAVs/LCACs as Appropriate	Undefined	•	
 Number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

FILE	NAME:	UP010045	



DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
	Yes Located at U.S. Naval Hospital and used for emergency only		
are There Site-unique Re- quirements Placed on Using Units? Yes, No, Explain	I NA		
Distance from Supply Points POL (km)	NA		i.
Restrictions on Maneuver Area Use Environmental			

FILE NAME: UP010045
PAGE 4 OF 5 DATE: 03/05/87 MANEUVER AREA MANAGER: D. J. Hashagen, Sr.

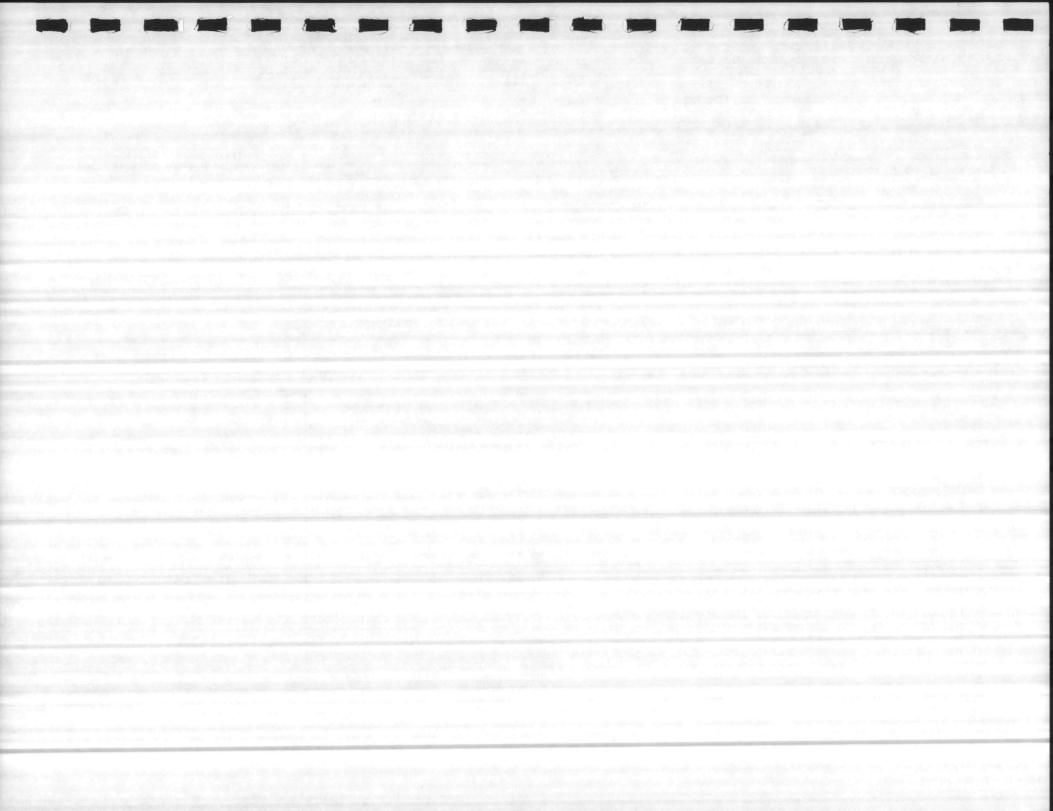


DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
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FILE NAME: UP010045

PAGE 5 OF 5 DATE: 03/05/87

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

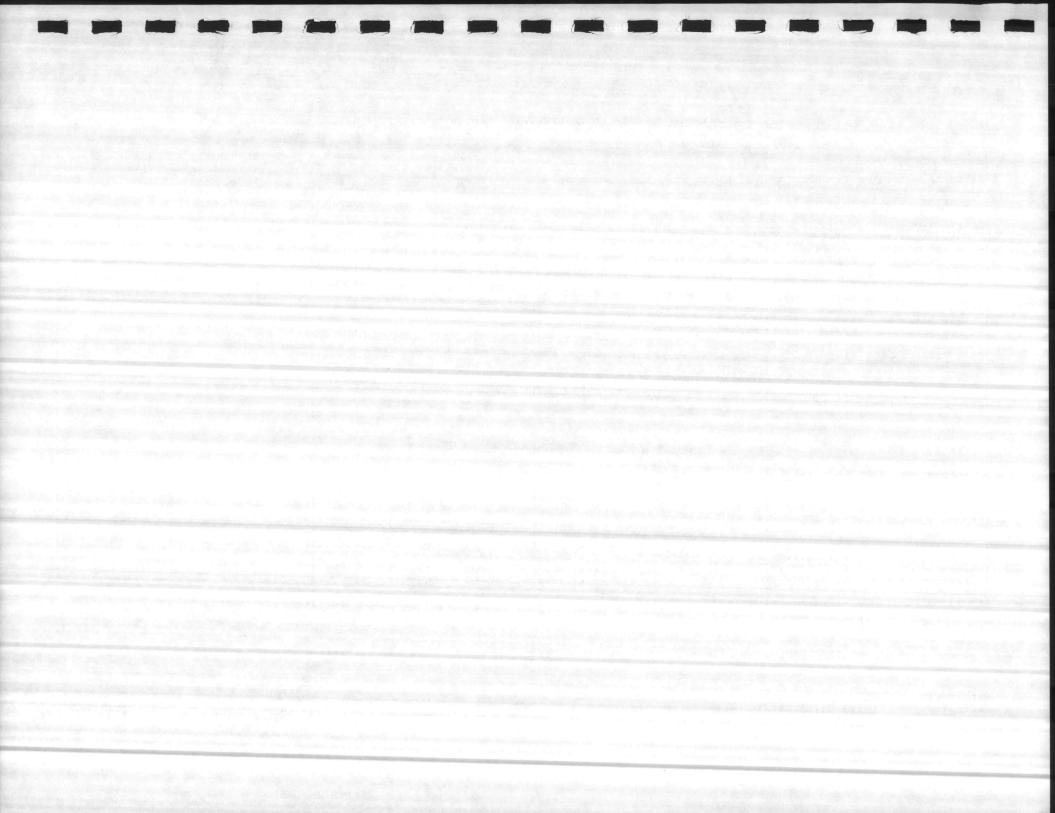


SUBMITTED BY: D. J. Hashagen, MANEUVER AREA NAME AND LOCATION INSTRUCTIONS:	Sr., DRCO, AV 484-2102 : ALZ-25, MCB, Camp Lejeune, NC	Infantry Artillery Armor (LAVs, AAVs, Tanks) Combined Arms Communications Exercises Logistics Exercises	Electronic Warfare Amphibious Exercises MAGTF FTX Air-to-Ground Operations
One form for each maneuver a Fill in data elements as app Use right column for new or	ropriate		A DESIDED GUADACTEDI CITACO
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	Undefined NA TP915275		
Associated Air Space Altitude (ft)			
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			

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

FILE NAME: UP010046
PAGE 1 OF 5 DATE:

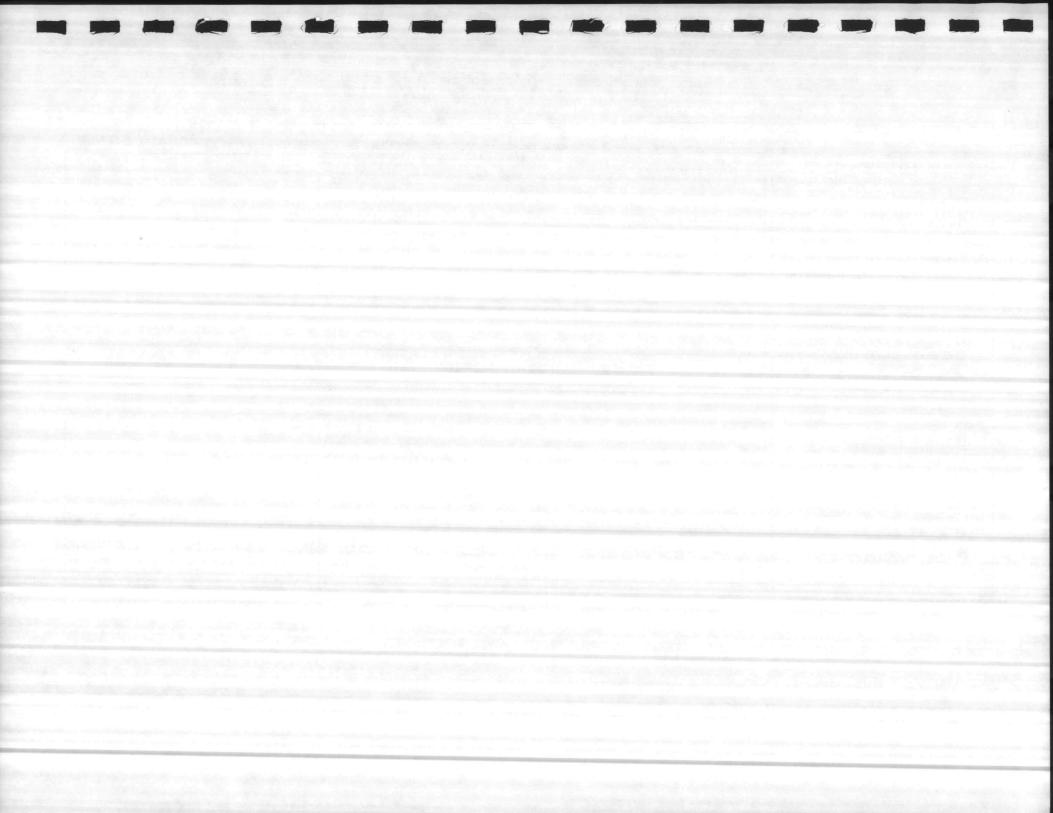
DATE: 03/05/87



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

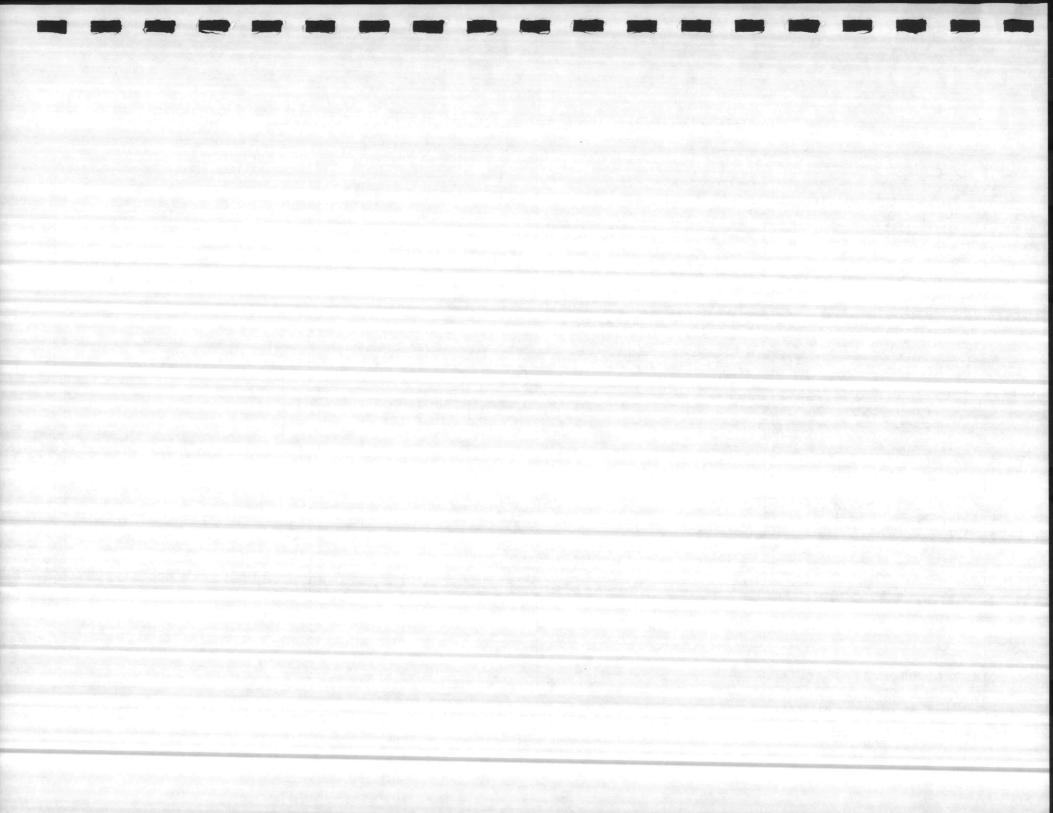
FILE NAME: UP010046
PAGE 2 OF 5 DATE: 03/05/87

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	Undefined		
 Number of Days per Year the Maneuver Area is Available 			
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	No		
Other Maneuver Areas/Ranges Which Must Be Closed When This Maneuver Area is in Use	NA I		

FILE	N	AME		UP010046	
PAGE	3	OF	5	DATE:	03/05/87

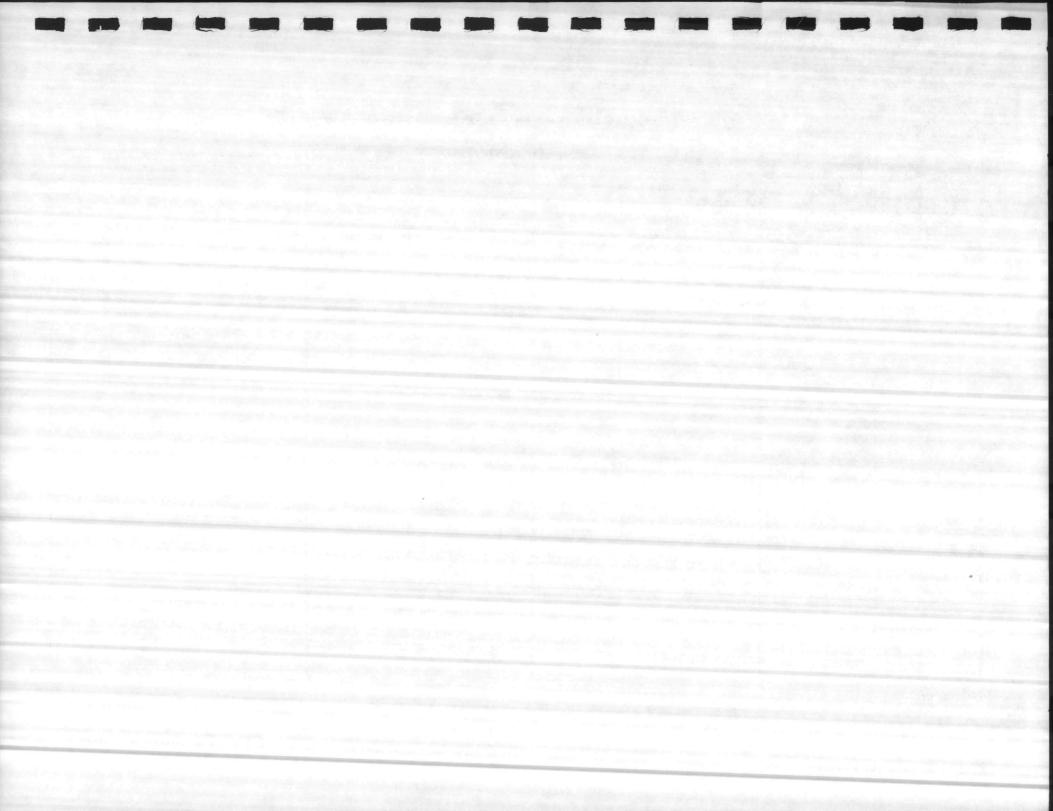


euver Area Standards, Safety, etc.)? Yes, No, Explain Are There Site-unique Requirements Placed on Using Units? Yes, No, Explain	built-up area	
quirements Placed on Using Units? Yes, No, Explain		
Distance from Supply Points POL (km)		
Restrictions on Maneuver NA Area Use Environmental		

FILE NAME: UP010046

PAGE 4 OF 5 DATE: 03/05/87

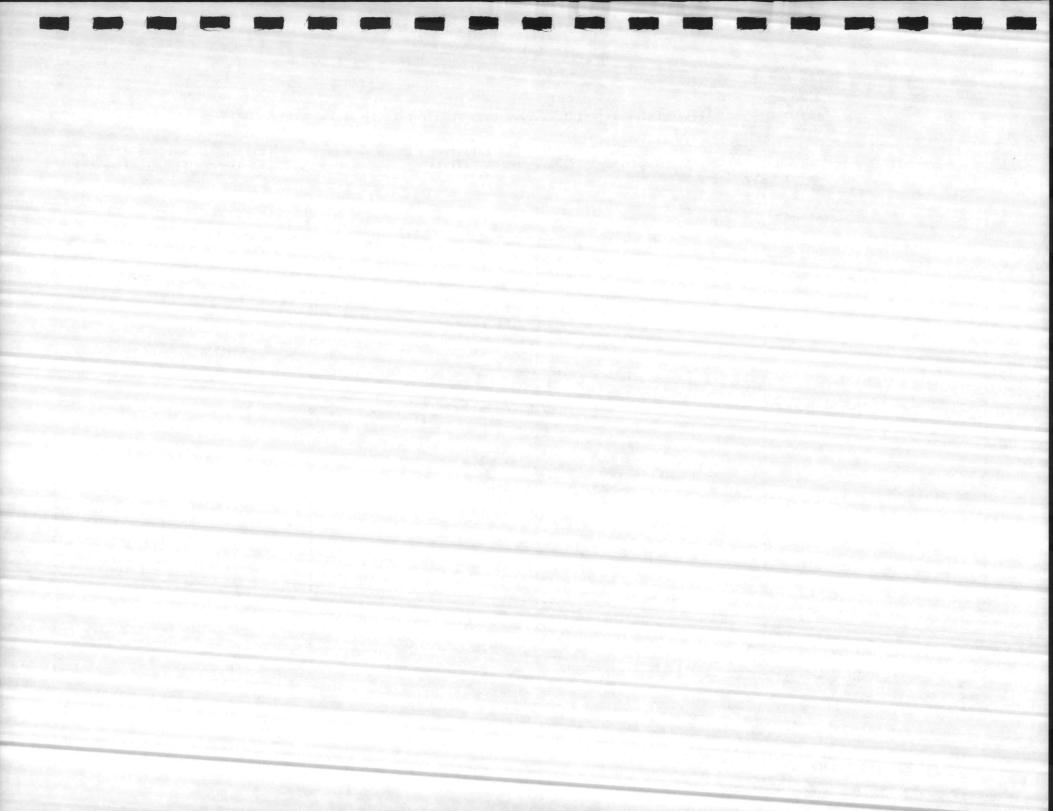
MANEUVER AREA MANAGER: D. J. Hashagen, Sr.



DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE
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FILE NAME: UP010046

PAGE 5 OF 5 DATE: 03/05/87



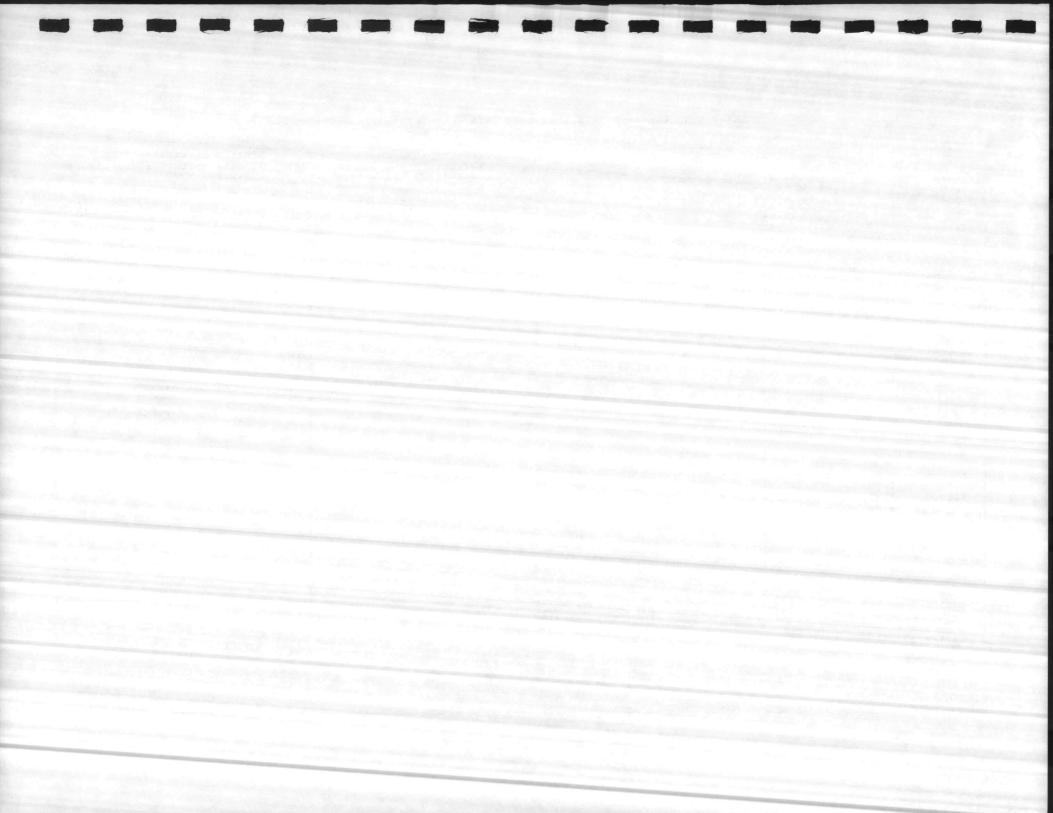
	Sr., DRCO, AV 484-2102	Combined Arms	Electronic Warfare Amphibious Exercises
INSTRUCTIONS: One form for each maneuver a Fill in data elements as app Use right column for new or		ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Range Shape and Dimensions Dimensions (km) Primary Direction of Fire Coordinates	Undefined Undefined NA TP858368	New ALZ for 2d FSSG Hq	
 	 /\ /\ NORTH		

Access No. of Land Access Routes... 12 No. of Land Water Routes.... No. of Air Ingress Routes... No. of Air Egress Routes....! No. of Beach Access Areas...!

FILE NAME: UP010047

Ingress and Egress Routes... | NA

PAGE 1 OF 5 DATE: 03/05/87 MANEUVER AREA MANAGER: D. J. Hashagen, Sr.

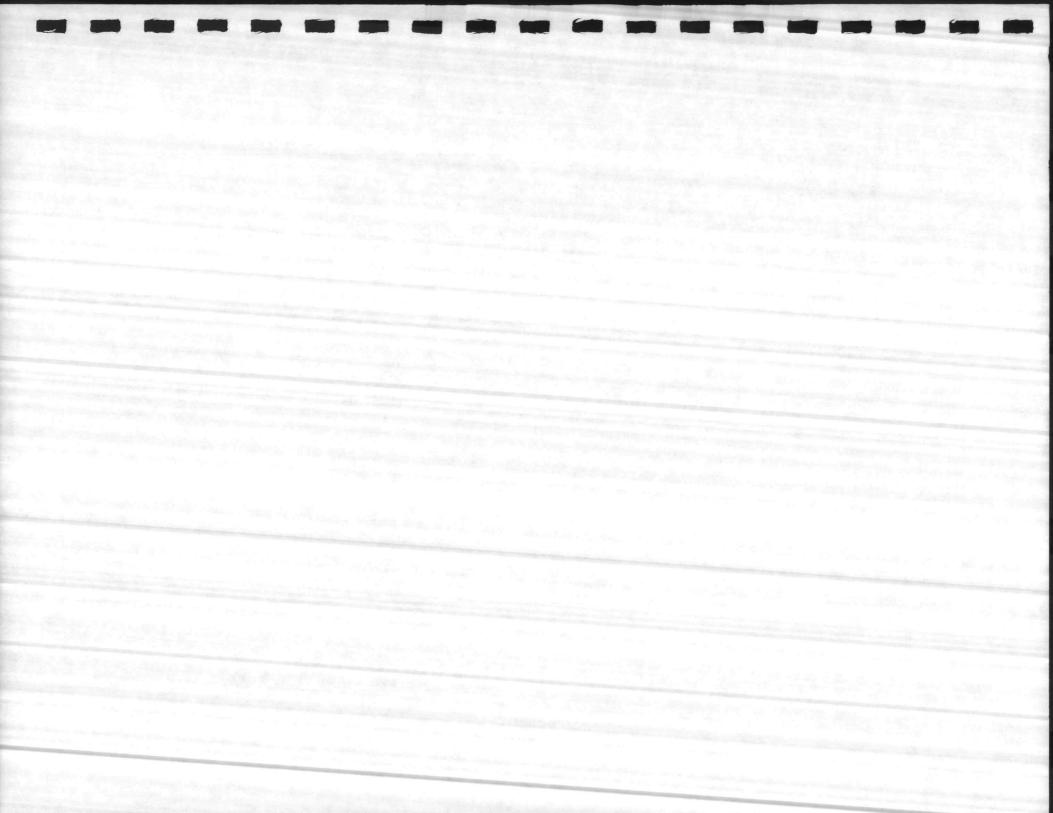


DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Climate Seasonal	X	NOT APPLICABLE	NOT APPLICABLE
Terrain Type Percentage Mountainous	100	NOT APPLICABLE	NOT APPLICABLE
Soil Type Percentage Rock Percentage Sand Percentage Clay Percentage Swamp/Marsh Percentage Loamy Percentage Other	100	NOT APPLICABLE	NOT APPLICABLE
Vegetation Percentage None	100		

FILE NAME: UP010047

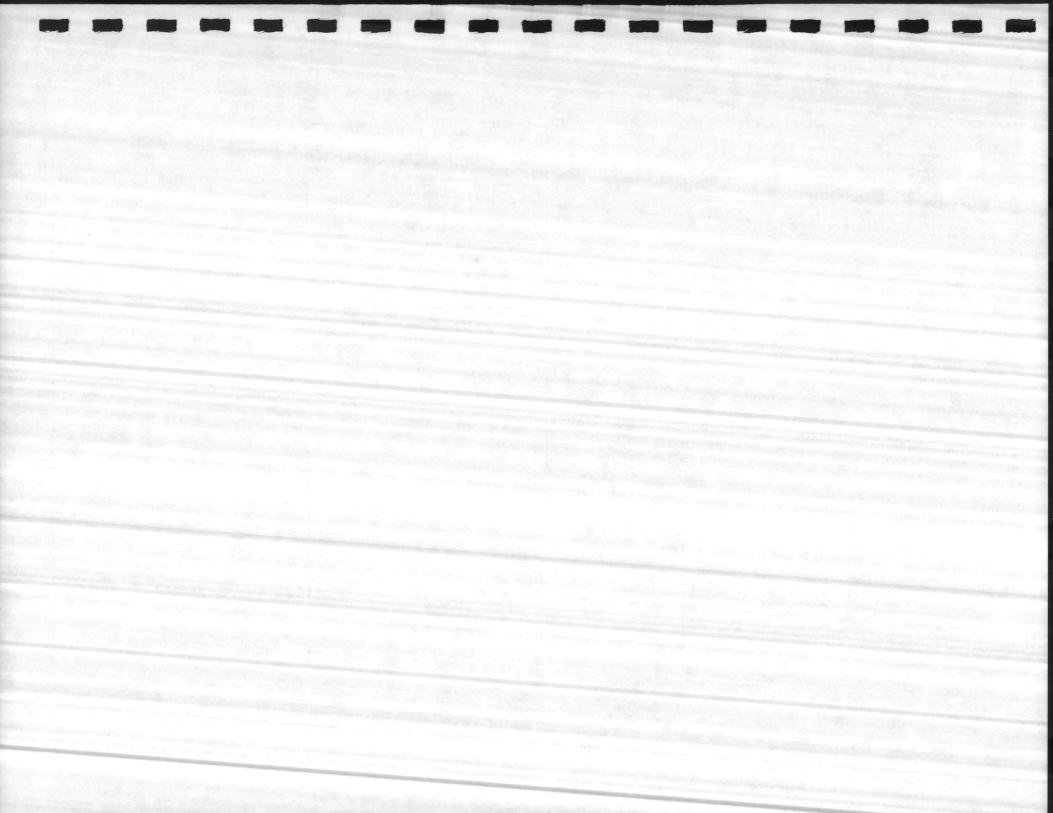
PAGE 2 OF 5 DATE: 03/05/87

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	Undefined	•	
Number of Days per Year the Maneuver Area is Available	 365 		
Non-availability per Year Total Maintenance Weather Budget Fire Condition/Weather Weekends/Holidays Other	0	0	0
Is the Maneuver Area Capable of Nighttime Use? Yes, No	No		
Other Maneuver Areas/Ranges Which Must Be Closed When This Maneuver Area is in Use	NA		

FILE	NAME:	UP010047	
PAGE	3 OF 5	DATE:	03/05/87

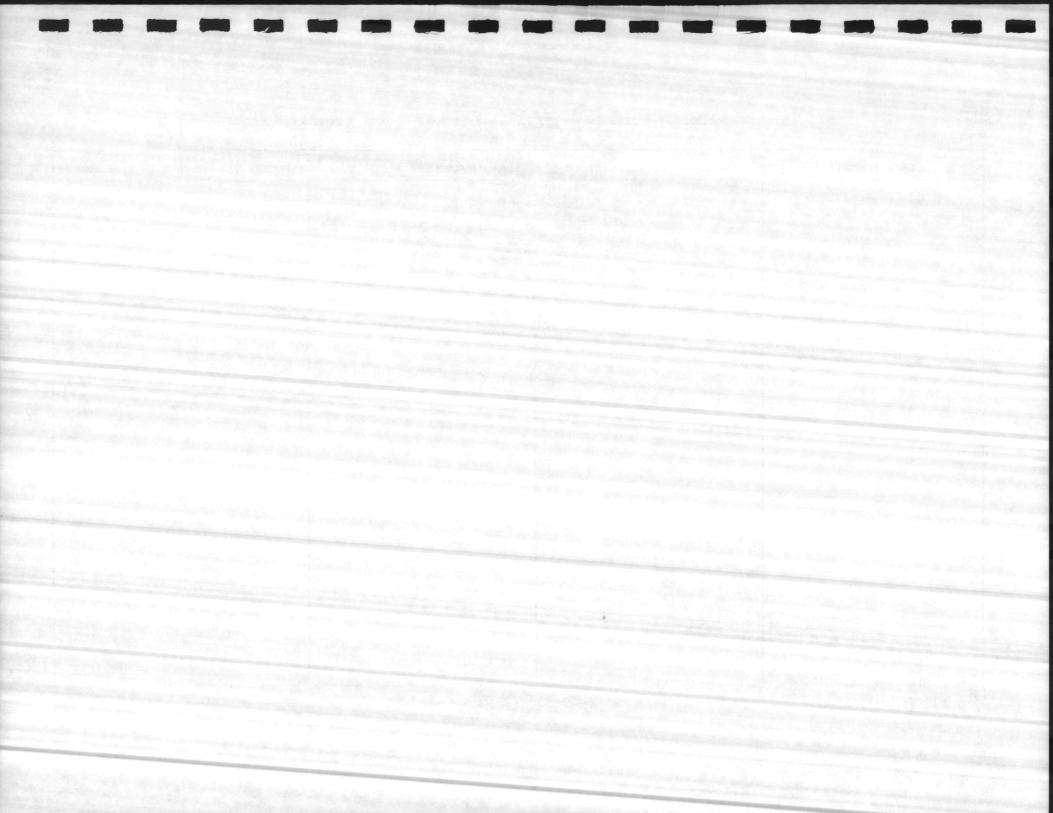


PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Yes Located in built-up area		
I NA		
NA		
	Yes Located in built-up area	PRESENT CHARACTERISTICS (INCLUDE YEAR) Yes Located in built-up area NA

FILE NAME: UP010047

PAGE 4 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
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FILE NAME: UP010047

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

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

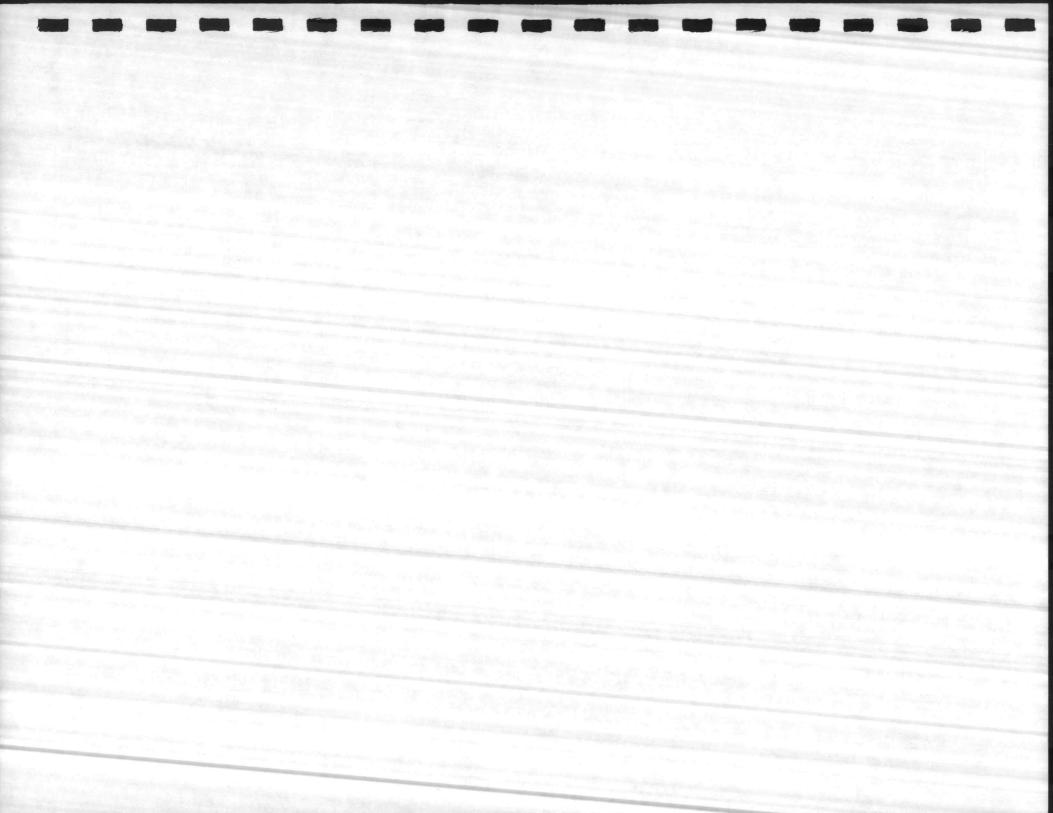
SUBMITTED BY: D. J. Hashagen, Sr., DRCO, AV 484-2102 MANEUVER AREA NAME AND LOCATION: LA, MCB, Camp Lejeune, NC	X Infantry X Electronic Warfare Artillery Amphibious Exercises X Armor (LAVs, AAVs, Tanks) MAGTF FTX
INSTRUCTIONS:	Combined Arms Air-to-Ground Operations X Communications Exercises Other X Logistics Exercises Other
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)
9 sq km		
TP7233 to TP7235 to TP7532 to TP7634		
D_5306F		
17,999		
3 1 		
	9 sq km TP7233 to TP7235 to TP7532 to TP7634 R-5306E 17,999 N to S	PRESENT CHARACTERISTICS (INCLUDE YEAR) 9 sq km TP7233 to TP7235 to TP7532 to TP7634 R-5306E 17,999 N to S

FILE	NAME:	UP010048	

PAGE 1 OF 5 DATE: 03/05/87

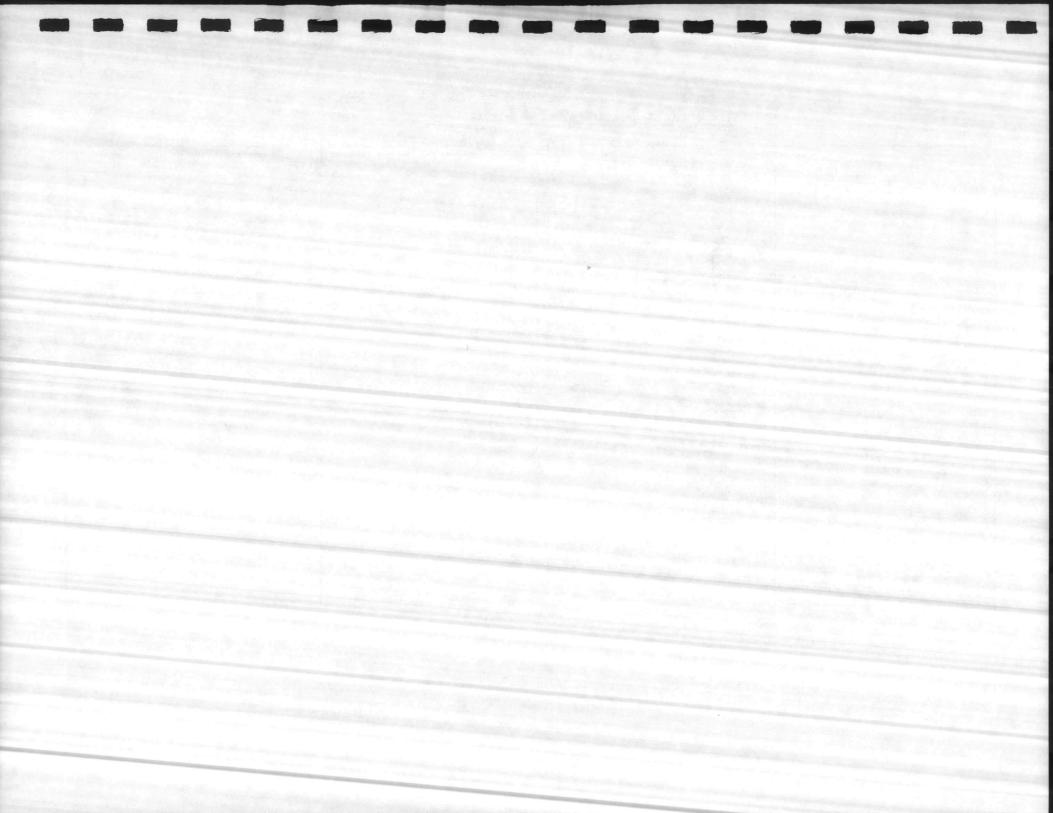
MANEUVER AREA MANAGER: D. J. Hashagen, Sr.



DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Climate Seasonal X Tropic X Temperate X Arctic X Desert All-Weather (Indoor)		NOT APPLICABLE	NOT APPLICABLE
Terrain Type Percentage Mountainous		NOT APPLICABLE	NOT APPLICABLE
Soil Type Percentage Rock	00	NOT APPLICABLE	NOT APPLICABLE
Vegetation Percentage None	0		

FILE NAME: UP010048
PAGE 2 OF 5 DATE: 03/05/87

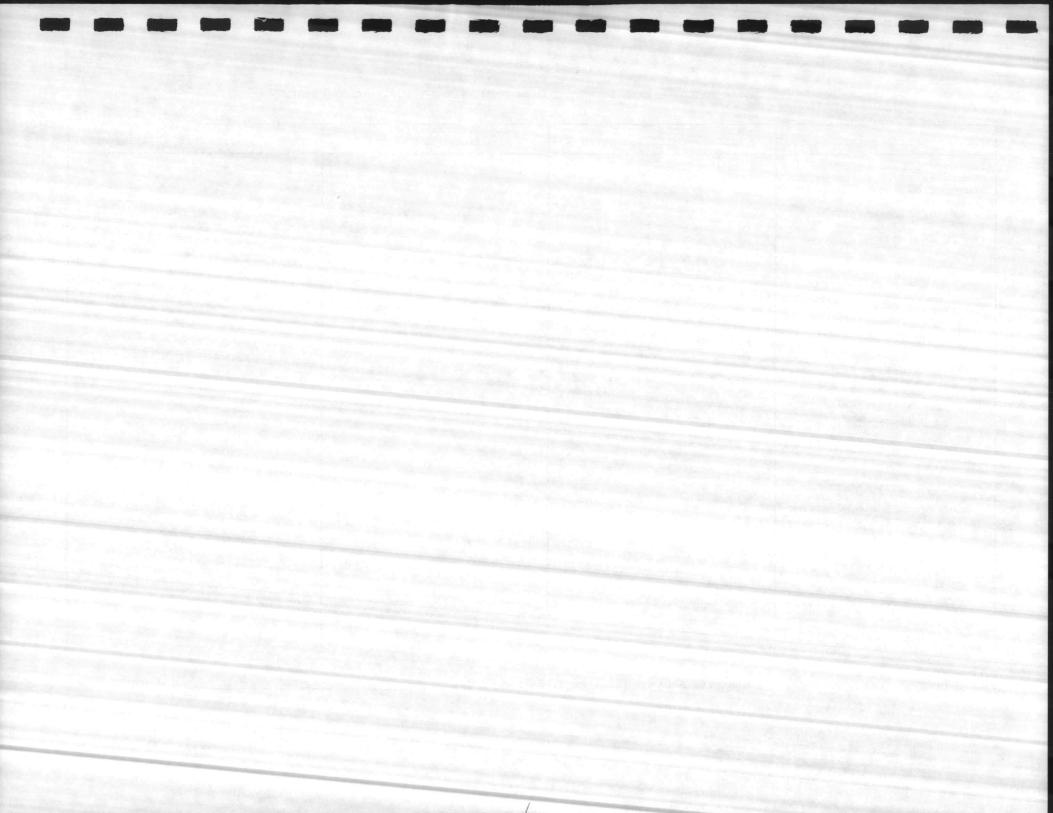
MANEUVER AREA MANAGER: D. J. Hashagen, Sr.



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FILE NAME:		UP010048			
PAGE	3	OF	5	DATE:	03/05/87

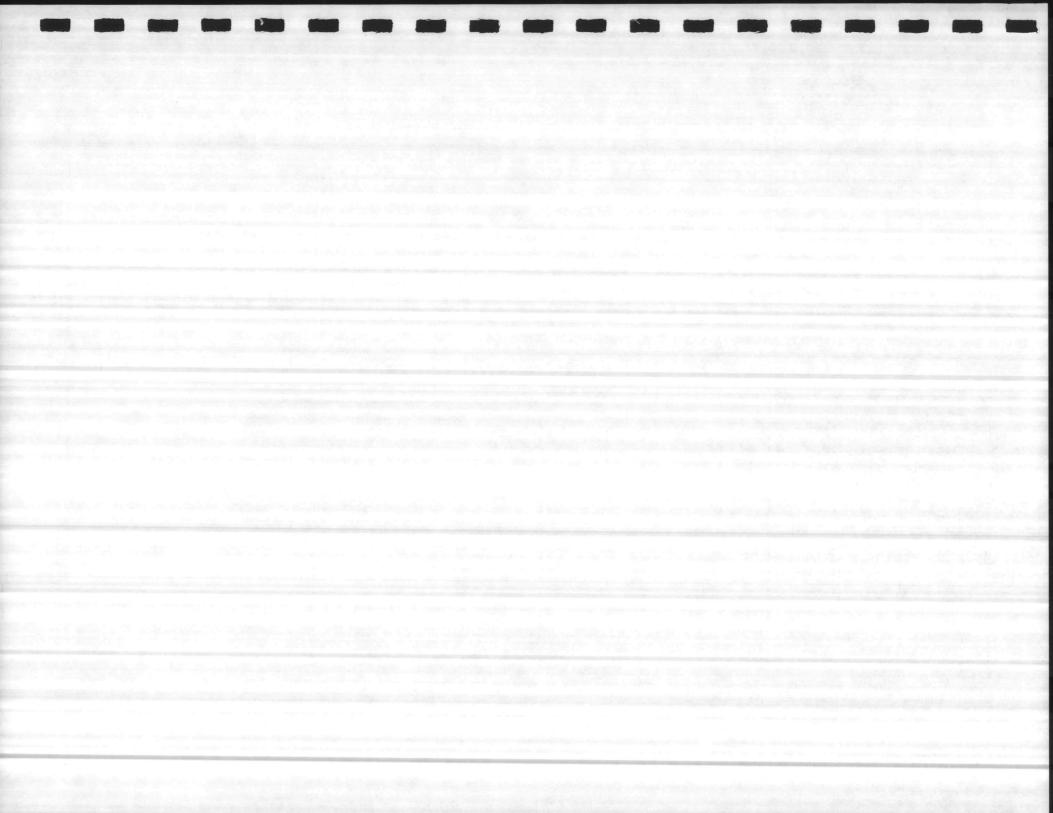
MANEUVER AREA MANAGER: D. J. Hashagen, Sr._



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 L-5 TP735309		
Distance from Supply Points POL (km)	125		
Restrictions on Maneuver Area Use Environmental AICUZ			
Gas/Chemical	X I I IX		

DATE: 03/05/87 PAGE 4 OF 5

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

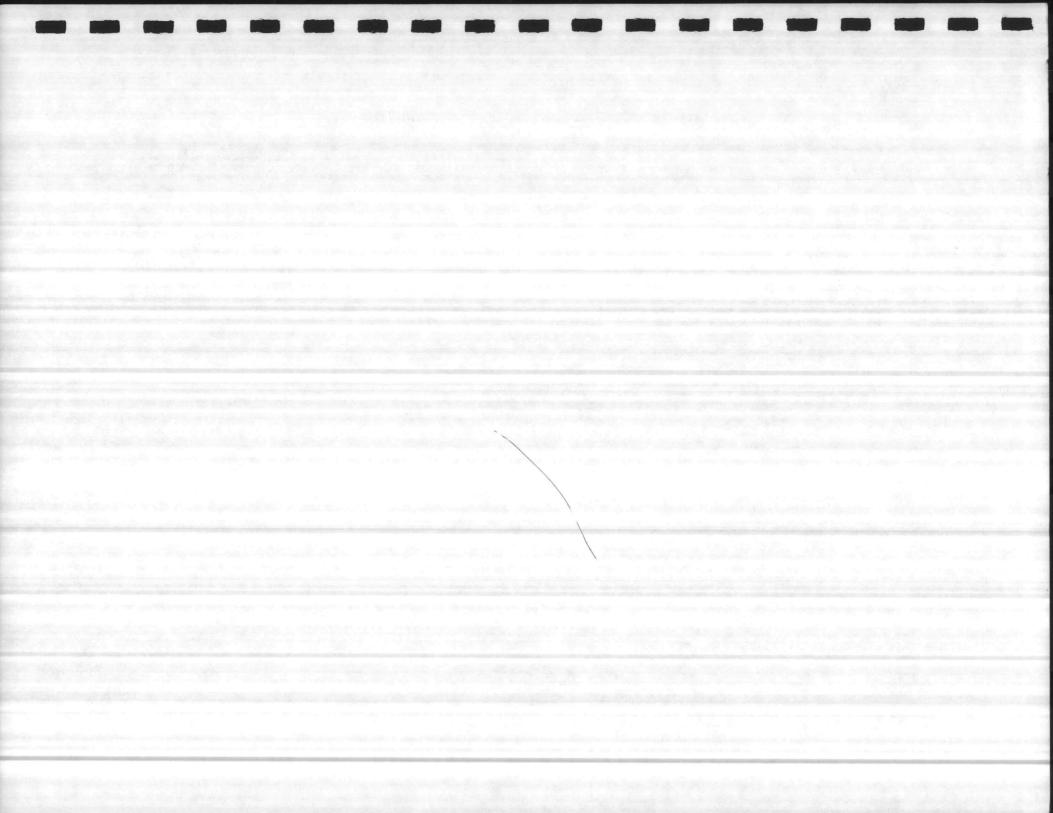


DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
LE NAME: UP010048		- i	1

FILE NAME: UP010048

PAGE 5 OF 5 DATE: 03/05/8

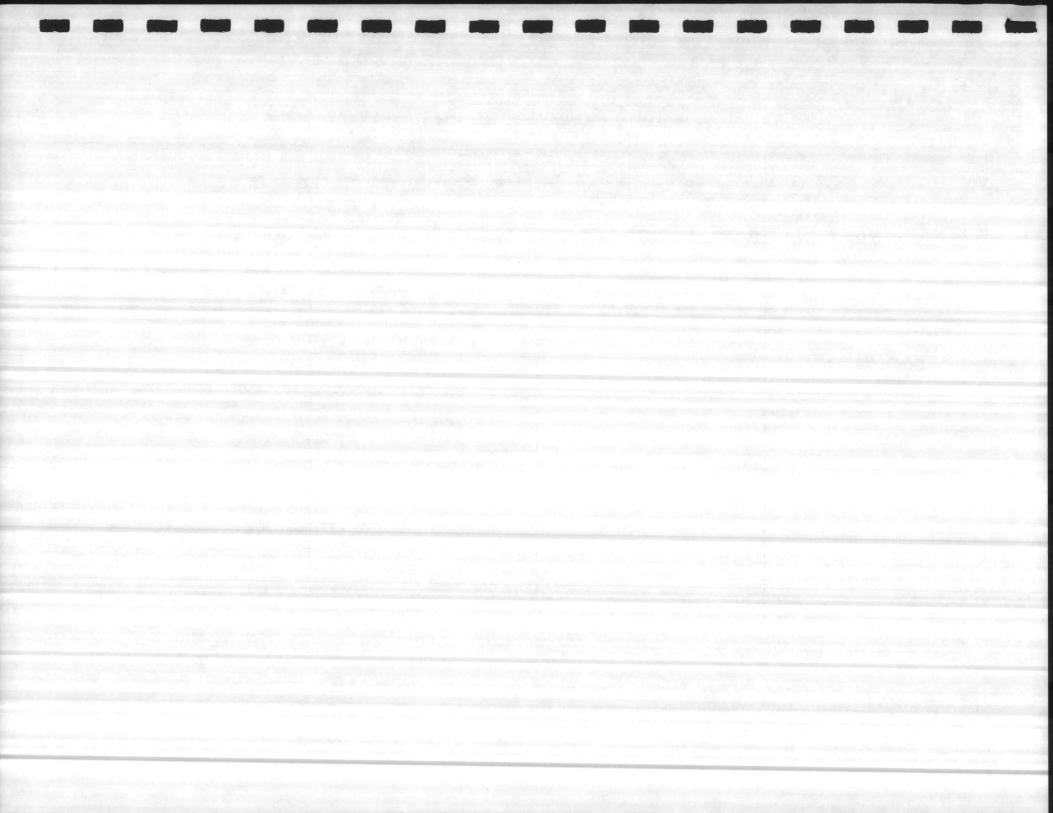
DATE: 03/05/87 MANEUVER AREA MANAGER: D. J. Hashagen, Sr.



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

SUBMITTED BY: D. J. Hashagen,	Sr., DRCO, AV 484-2102	TYPE MANEUVER AREA:			
MANEUVER AREA NAME AND LOCATION INSTRUCTIONS: One form for each maneuver a	: LB, MCB, Camp Lejeune, NC	X Infantry X Artillery Armor (LAVs, AAVs, Tanks) X Combined Arms X Communications Exercises X Logistics Exercises	XElectronic WarfareAmphibious Exercises XMAGTF FTX XAir-to-Ground Operations		
Fill in data elements as app Use right column for new or	improved maneuver areas needed	ANTICIPATED OR KNOWN CHANGES	DESIRED CHARACTERISTICS		
DATA ELEMENT	PRESENT CHARACTERISTICS	(INCLUDE YEAR)	(SPECIFY YEAR NEEDED IF APPLICABLE		
Range Shape and Dimensions Dimensions (km) Primary Direction of Fire	 8 sq km 				
Coordinates	TP7230 to TP7233 to TP7428 to TP7532				
Associated Air Space	117,999				
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 				

FILE NAME: UP010049
PAGE 1 OF 5 DATE: 03/05/87

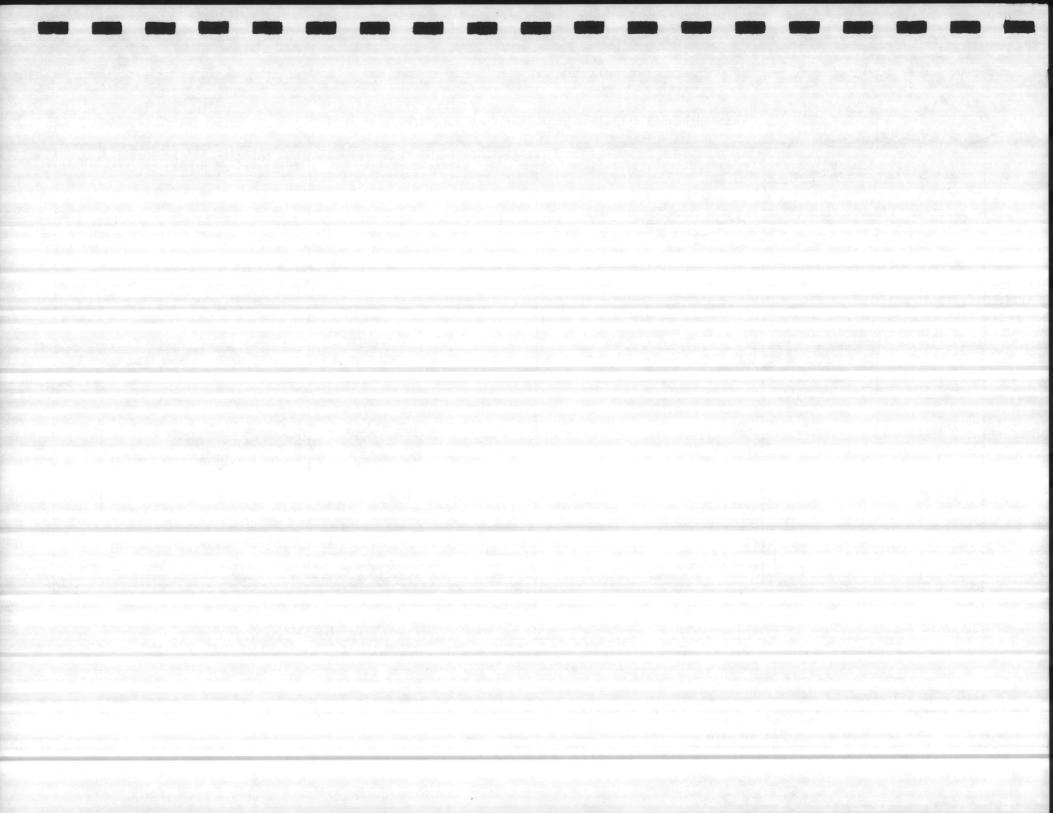


DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Climate Seasonal	X	NOT APPLICABLE	NOT APPLICABLE
Terrain Type Percentage Mountainous Percentage Rolling Percentage Swamp Percentage Desert Percentage Beach Percentage Level Percentage Water	10	NOT APPLICABLE	NOT APPLICABLE
Soil Type Percentage Rock Percentage Sand Percentage Clay Percentage Swamp/Marsh Percentage Loamy Percentage Other	and the second s	NOT APPLICABLE	NOT APPLICABLE
Vegetation Percentage None Percentage Sparse Percentage Moderate Percentage Heavy	15		

FILE NAME: UP010049

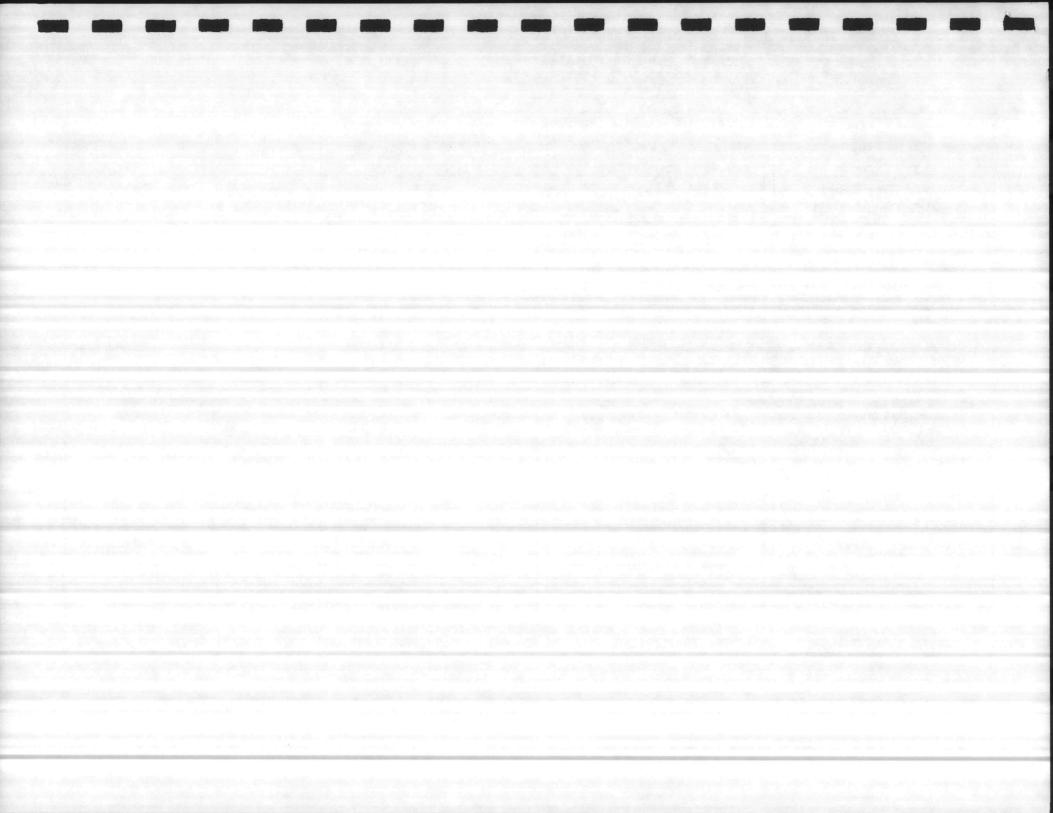
PAGE 2 OF 5 DATE: 03/05/87

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



DATA ELEMENT	PRESENT CHARACTERISTICS	, ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS
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			
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	L-5		

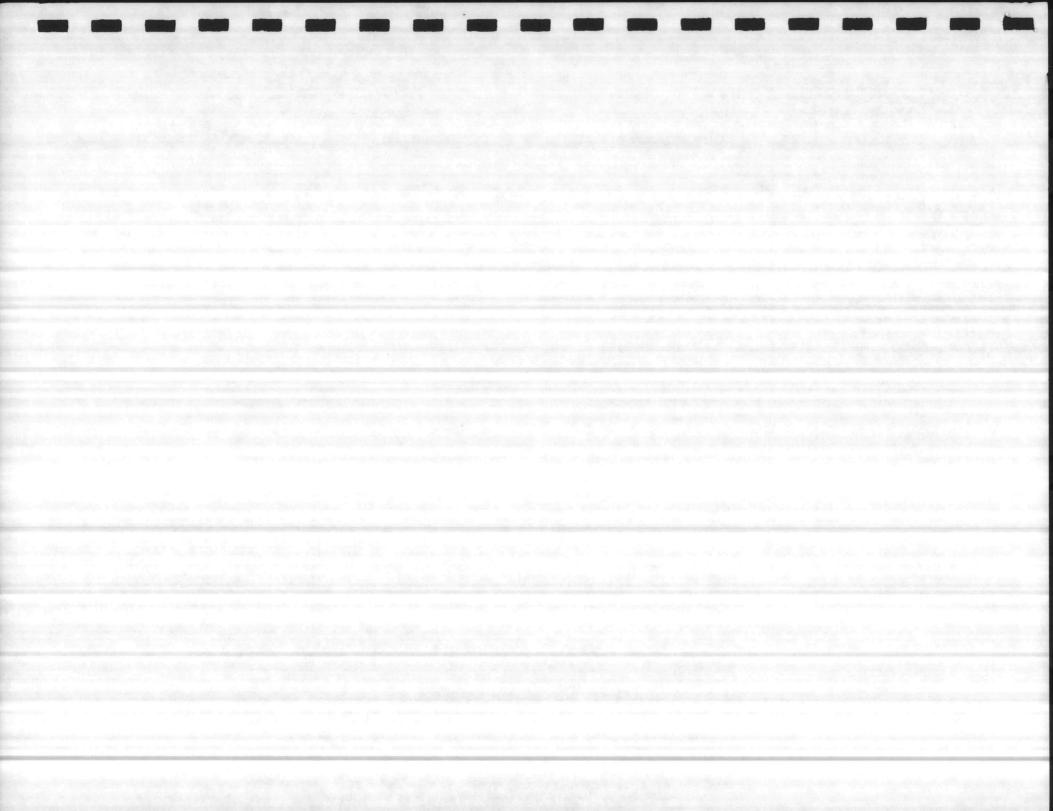
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DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Are There Site-unique Features (Waivers to Man- euver Area Standards, Safety, etc.)? Yes, No, Explain	No		
	Yes L-5 TP735309		
Distance from Supply Points POL (km)	20		
Restrictions on Maneuver Area Use EnvironmentalAICUZ			
Gas/Chemical Pyrotechnics/Flare Time of Day Time of Year Other	X		

FILE NAME: UP010049

PAGE 4 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
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FILE NAME: UP010049

PAGE 5 OF 5 DATE: 03/05/87

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

