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January 9, 1979
NUMBER 7310.5

ASD(C)

Department of Defense Instruction

SUBJECT Accounting for Production and Sale of Lumber and Timber Products

References: (a) DoD Instruction 7310.1, "Accounting and Reporting for Property Disposal and Proceeds from Sale of Disposable Personal Property and Lumber or Timber Products," July 10, 1970

(b) Title 10, United States Code, Section 2665(d), as amended by Public Law 95-82, Section 610, August 1, 1977

A. PURPOSE

This Instruction establishes accounting requirements for the production and sale of lumber and timber products. It supersedes those portions of reference (a) which cover accounting and reporting on the production and sale of lumber and timber.

B. APPLICABILITY AND SCOPE

1. The provisions of this Instruction apply to the Office of the Secretary of Defense and the Military Departments. It does not apply to forestry activities within the civil programs of the U.S. Army Corps of Engineers.

2. Its provisions encompass lumber and timber production and sales programs.

C. AUTHORITY

Reference (b) provides that "Appropriations of the Department of Defense available for operation and maintenance during a fiscal year may be reimbursed for all expenses of production of lumber and timber products pursuant to this section from amounts received as proceeds from the sale of any such property during such fiscal year."

D. RESPONSIBILITIES

Expenses will be subject to program review and approval by the Heads of the Military Departments concerned. All proposed expenses will be reviewed to assure that they are related to economical production and sale of lumber and timber products. Moreover, the approved Military Department-level programs must take into consideration the anticipated level of proceeds and remain within actual proceeds. The Military Department-level program will be adjusted downward during the year if anticipated proceeds do not materialize. Upward adjustments will not be authorized simply to "use up" proceeds.

E. PROGRAM EXPENSES

1. Program expenses must be directly related to and identifiable with production and sale of lumber and timber products in the following functions:

a. Timber Stand Improvement. Expenses incurred for the improvement of an existing timber stand, whether it is planted, seeded, or natural; includes thinning, pruning, and control of undesirable vegetative growth.

b. Reforestation. Expenses incurred for natural or artificial regeneration; includes planting, the purchase of seed or seedlings, site preparation, and insect, disease, vegetation and animal control.

c. Forest Protection. Expenses incurred for the protection of a forest capable of economic production of timber products, unless a military mission requires the same degree of protection for the forest; includes protection from fire, insect, disease, animal, flood, and erosion damage.

d. Timber Access Roads. Expenses incurred for construction, reconstruction, repair, and maintenance of timber access roads and trails. Also, the expenses incurred in the repair of other roads as a result of lumber and timber products production and harvesting operations.

e. Sales. Expenses incurred for sales and preparation for sales of lumber and timber products; includes appraisals, crusing, marking, scaling, preparing sales contracts, escorting prospective bidders, advertising, and sales administration including compliance inspections.

f. Management. Expenses incurred for the management of the above functions; includes supervising, planning and programing, conducting field surveys and inventories, training, forest fire prevention education and attendance at professional meetings.

2. Program expenses do not include expenses incurred for operations which, while related to the land and forest, are for other purposes, such as the military mission, recreation, training, general area improvement and beautification. Nor do they include expenses for the protection of forests that are incapable of economic production of timber products.

3. Reimbursable program expenses cover all those program expenses normally funded in appropriations available for operation and maintenance including minor construction. In addition, acquisition costs of equipment items used solely for lumber and timber will be funded in operation and maintenance appropriations and accounted for as program expenses; the acquisition of such to be justified on an economical

basis. However, when general equipment is used in lumber and timber operations, charges for such use will be accounted for as program expenses.

4. Required military personnel costs will be accounted for as program expenses, but will not be reimbursed.

F. PROCEEDS FROM SALES AND REIMBURSEMENTS

1. Proceeds collected from sales of lumber and timber products will be turned over to the servicing DoD accounting and finance officer for deposit to the following General Fund Receipt Clearing Accounts:

Army	-	21F3875
Navy and Marine Corps	-	17F3875
Air Force	-	57F3875

2. Proceeds will be kept separately in a specific subaccount by fiscal year and used only to reimburse expenses incurred in that fiscal year. Within 60 days after the end of the fiscal year, the balance of proceeds will be deposited in the U.S. Treasury General Fund Miscellaneous Receipts Account 2229.

3. Authorized program expenses incurred in appropriations available for operation and maintenance will be reported to the Military Department's central accounting and finance office, and will be reimbursed from the clearing account. At fiscal year end, undelivered orders may be added to the expenses and reimbursed.

G. EFFECTIVE DATE AND IMPLEMENTATION

This Instruction is effective October 1, 1978 (Fiscal Year 1979). Forward one copy of implementing instructions to the Assistant Secretary of Defense (Comptroller) within 120 days.

John R. Quetsch
Acting Assistant Secretary of Defense
(Comptroller)

NUMBER

DATE

Department of Defense Instruction

SUBJECT

Accounting and Reporting for Production and Sale of Lumber and Timber Products

Reference (a) DoDI 7310.1, "Accounting and Reporting for Property Disposal and Proceeds from Sale of Disposable Personal Property and Lumber or Timber Products," July 10, 1970

A. PURPOSE

The purpose of this Instruction is to establish accounting and reporting requirements for the production and sale of lumber and timber products. It supersedes those portions of DoDI 7310.1 which cover production and sale of lumber and timber.

B. APPLICABILITY AND SCOPE

This Instruction applies to all DoD Components and to authorized lumber and timber production and sales programs.

C. AUTHORITY

Section 2665(d) of Title 10, U.S.C. as amended by Section 610 of PL 95-82, August 1, 1977, provides that "appropriations of the Department of Defense available for operation and maintenance during a fiscal year may be reimbursed for all expenses of production of lumber and timber products pursuant to this section from amounts received as proceeds from the sale of any such property during such fiscal year."

D. PRODUCTION AND SALES EXPENSES

1. Production and sales expenses include:

a. Timber Stand Improvement. Expenses incurred for the improvement of an existing timber stand, whether it is planted, seeded, or natural;

include thinning, pruning, and control of undesirable vegetative growth.

b. Reforestation. Expenses incurred for natural or artificial regeneration; includes planting, the purchase of seed or seedlings, site preparation and animal control.

c. Forest Protection. Expenses incurred for the protection of the forest unless a military mission requires the same degree of protection for the forest; includes protection from fire, insect, disease, animal, flood, and erosion damage.

d. Timber Access Roads. Expenses incurred for construction, reconstruction, repair, and maintenance of timber access roads and trails. Also, the expenses incurred in the repair of other roads as a result of lumber and timber products production and operations.

e. Production. Expenses incurred for actual production of lumber and timber products; includes harvesting and handling up to the point of preparation of sale.

f. Sales. Expenses incurred for sales and preparation for sales of lumber and timber products; includes appraisals, cruising, marking, scaling, preparing sales contracts, escorting prospective bidders, advertising, and conducting the sale.

g. Management. Expenses incurred for the management of the above functions; inclndes supervising, planning, and programming, conducting field surveys and inventories, training, and attendance at professional meetings.

2. Production and sales expenses do not include those incurred for other purposes which may be served by the land and forest such as road construction, or maintenance required for the military mission, or for recreation, training, and general area improvements and beautification projects.

3. Expenses will be subject to program review and approval, by the concerned DoD Component Headquarters. All proposed expenses will be reviewed to assure that they are related to economical production and sale of lumber and timber products. Further, the approved programs must take into consideration the anticipated level of proceeds and remain within actual proceeds. The program will be adjusted downward during the year if anticipated proceeds do not materialize. Upward adjustments will not be authorized simply to "use up" proceeds.

E. PROCEEDS FROM SALES AND REIMBURSEMENTS

Proceeds collected from sales of lumber and timber products will be turned over to the installation accounting and finance officer for deposit to Clearing Account XX-F-38-- (XX = 21 for Army, 17 for Navy and Marine Corps, 57 for Air Force, and 97 for Defense Agencies. -- = unique new account symbol to be assigned by Treasury.) Proceeds will be kept separate by fiscal year and used only to reimburse expenses incurred in that fiscal year. Within sixty (60) days after the end of the fiscal year, the balance of proceeds will be deposited in the U.S. Treasury general fund Miscellaneous Receipts account XX - - - -. Authorized program expenses incurred in appropriations available for O&M will be reported to the component central accounting and finance office and will be reimbursed from the budget clearing account.

F. REPORTING

An annual statement of revenue and expense will be submitted to OASD(MRA&L) within ninety (90) days after the end of each fiscal year. This reporting requirement is assigned RCS

G. EFFECTIVE DATE AND IMPLEMENTATION

This Instruction will be effective for Fiscal Year 1979. Two copies of DoD Component's implementing issuances will be furnished to OASD(C) within sixty (60) days of the date of this Instruc on.

DEPARTMENT OF THE NAVY
ATLANTIC DIVISION
NAVAL FACILITIES ENGINEERING COMMAND
NORFOLK, VIRGINIA 23511

TELEPHONE NO.
444-7411

IN REPLY REFER TO
LANTDIVINST 11015.3E
24B

29 DEC 1981

LANTDIV INSTRUCTION 11015.3E

From: Commander, Atlantic Division, Naval Facilities Engineering Command

Subj: Natural Resources - Management, Conservation and Renewal; assignment of responsibilities for

Ref: (a) SECNAVINST 6240.6E, Department of the Navy Environmental Protection and Natural Resources Management Program; assignment of responsibility for (R
(b) OPNAVINST 6240.3E, Environmental Protection Manual
(c) NAVFACINST 11015.6B, Soil and Water Resource Management
(d) NAVFACINST 11015.9A, Forest Resource Management
(e) NAVFACINST 11015.14, Fish and Wildlife Resource Management
(f) LANTDIVINST 11000.1J, Engineering Services (R

1. Purpose. To state the overall functions and items of work which are the responsibility of Atlantic Division, Naval Facilities Engineering Command (LANTNAVFACENGCOM) Natural Resources Management Staff and show how these (R functions can be utilized by commanding officers of installations and facilities to implement the management, use, and conservation of renewable natural resources as required by references (a), (b), (c), (d), and (e).

2. Cancellation. LANTDIVINST 11015.3D of 25 January 1978 (R

3. Policy. It is the continuing policy of the Secretary of the Navy to preserve, restore, and improve the resources of the lands and waters on all Navy installations and facilities, and the activities having land and water areas shall have active, progressive programs for the management, conservation, and restoration of natural resources.

4. Definition. The term "renewable natural resources" shall include soil, water, plants, wildlife, and scenic beauty. Plants include trees, vines, shrubs, herbs, and grasses. Wildlife includes game and nongame animals and fishes.

5. Background. Reference (b) assigns to the Commander, Naval Facilities Engineering Command, responsibility for the development and implementation of the Navy's program for the management, conservation, and restoration of natural resources. The Commander, LANTNAVFACENGCOM, has been delegated such responsibility for activities under the Commander's cognizance within the (R Naval Base, Norfolk area, and the Atlantic, Caribbean and European areas under the cognizance of this Command. Technical personnel are available to furnish guidance and assistance to field activities in planning and carrying out the Department of the Navy's program for the conservation and management of renewable natural resources.

6. Technical Assistance Available to Activities. The Natural Resources Management Staff will:

a. Provide professional counseling and technical assistance to activities in all aspects of natural resource work as defined in paragraph 4.

b. Coordinate and maintain liaison between activities and natural resource representatives of local, state or federal agencies, and private consultants in the natural resource management field.

c. Examine lands to determine their potential for natural resource development and management.

d. Sponsor research for development of improved methods and equipment for natural resource management.

e. Prepare plans for soil and water conservation management and provide professional guidance and assistance in the implementation of such plans.

R) f. Prepare forest management plans for multiple resource use and coordination, and provide professional guidance and assistance in carrying out the plans. Forest management includes reforestation, timber stand improvement, protection against fire, insects, disease and weather, and the growing, harvesting and disposal of timber products. Provide technical assistance in the selection, planting, care and management of trees and woody growth for shade and esthetic purposes.

g. Prepare fish and wildlife management plans and provide professional guidance in the implementation of such plans.

h. Examine lands for outleasing for agricultural purposes and prepare outlease conservation plans outlining soil and water improvement and maintenance work to be done by the lessees to effect good land use and management of the outleased areas.

i. Assist with, review and/or develop, as appropriate, the following: (1) plans and specifications for soil and water conservation work required in all O&MN special projects and MCON projects; (2) validation of special erosion or water control projects; (3) soil analysis; (4) plans for water conservation and grounds maintenance.

j. Assist with selection, planting and care of plant materials for old buildings or new construction projects, for screening unsightly views and landscapes, and for protection and enhancement of natural beauty.

7. Action. In accordance with the policy for conservation and management of renewable natural resources set forth in references (a), (b), (c), (d), and (e), addressees are urged to:

a. Utilize the technical assistance of the Natural Resources Management Staff on all matters in which the management and use of soil, water, plants, wildlife and scenic beauty are involved. This includes soil erosion control, drainage, grounds or land management, selection and care of plant materials, shade tree maintenance, beach and shore protection with plant materials, stream-ditch-road bank stabilization, agricultural outleases, vegetative growth management and control, and other related natural resource and land use problems.

b. Establish appropriate administrative procedures which will provide for the timely technical assistance, review and concurrence by the Natural Resources Management Staff on the items enumerated in paragraph 6, and facilitate the reporting to LANTNAVFACENGCOM of all conservation measures needed, programmed and actually applied or incorporated. (R

c. Requests for assistance requiring substantial time or effort should be submitted by Engineering Services Request, NAVFAC Form 2038, as outlined in reference (f).

R. A. SCHADE, JR.
Vice Commander

Distribution: (5216.10G)
Part I
List A (only 12-17,19)
List C (only 4-11,13-19)
List D (only 14,17,22,34,43-45,48-55)
List F (only 1,3,8-10,12,21,24-26)
Part II
List A (only 5,7,10-12,15-18)
List B (only 3)
List C (only 1-14)
List F (only 1,2)
List I (only 2,3,5,7)
List K (only 6)
List L (only 1)
List M (only 1,2)
List R (only 1-3,6,13-17)
Part III
List A (only 1,3-5,8,9,11,14,16-18,20-22)
List G (only 5-8)
List H (only 1-3)

LANTDIVINST 11015.3E

29 DEC 1981

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Part IV
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  List L
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DEPARTMENT OF THE NAVY
ATLANTIC DIVISION
NAVAL FACILITIES ENGINEERING COMMAND
NORFOLK, VIRGINIA 23511

TELEPHONE NO.
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29 DEC 1981

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OPNAV 5216/144 (REV. 6-70)
S/N 0107-LF-778-8099

DEPARTMENT OF THE NAVY

Memorandum

Date file

MAIN/WAN/lbw

DATE: 6 July 1976

Done in July

FROM Director, Natural Resourees Division

TO Branch Heads

SUBJ Goals and Objectives

1. Please identify in writing objectives or changes, new tasks, new ways of doing things, branch priorities that need re-evaluation, and any other project or series of projects you feel may upgrade or streamline our program. Do not adress on-going routine objectives such as those identified in the Land Management Plan or EPA permit except in terms of better methods of accomplishment.

2. Also in this same vien please address any possible changes in terms of outside agency regulatory affect that may impact on our operation. This is particularly important in our Quality Control Lab function. Should items of this nature be identified please comment on possible ramifications.

Wendell A. Neal

W. A. NEAL.

OPNAV 5216/144 (REV. 6-70)
S/N 0107-LF-778-8099

DEPARTMENT OF THE NAVY

Memorandum

Pete

DATE: 15 July 1976

FROM Base Forester

TO Director, Natural Resources and Environmental Affairs Division

SUBJ Goals and Objectives

1. Short Range

a. Catch up on compartment prescriptions and get three years ahead in order to do a better job of planning and programming all forest management work.

b. Get ahead at least one year on regular timber sale marking so short term emergency situations will not disrupt regular sales programs.

c. Streamline radio communications system with additional radios, base station and two channel system.

d. Change fire weather system to new national fire danger system and rewrite base order to reflect changes in system for training, fire preparedness and other activities with respect to fire danger.

e. Explore new ways and techniques for fire suppression.

(1) Helicopter Bucket

(2) Pocosin Plow

(3) Slip on pumper

f. Work on different silvicultural treatments and reforestation with new pieces of equipment.

g. Explore possibility of changing employees work hours while engaged in prescribe burning.

2. Long Range

a. Improve prescribe burning program.

(1) Try to get fire plow unit for use on all prescribe burning.

(2) Explore for better system on fire weather information. Possibility of a direct teletype hook-up with the national weather service in Raleigh.

Subj: Goals and Objectives

(3) Fuel mapping of entire base.

b. Gather stand age data for all timber stands on the base.

e. Work on better system for personnel transportation (vehicles) possibly purchase of vehicles from H-1 funds.

f. Personnel training in all functions as opportunities arise. (Off-base training by other agencies).

g. Structure for storage of forestry equipment - tree planter, bedder, etc.

h. Explore possibility of getting and planting tublings from superior stock.

i. Gather data and assess the possibility of changing rotation age of pine on low site index areas.

Ken Harrison

KENNETH HARRISON

OPNAV 5216/144 (REV. 6-70)
S/N 0107-LF-778-8099
DEPARTMENT OF THE NAVY

Memorandum

DATE: 5 May 1976

FROM Director, Natural Resources and Environmental Affairs Division

TO Base Maintenance Officer

SUBJ Restrictions on Specialized Training during Base Closure Period

1. Forestry personnel met with LtCol NICE and officers from requesting units on 4 May 1976 to discuss additional restraints for fire prevention of training conducted during base closure period.

2. The following additional restraints for fire prevention and suppression were agreed to:

a. 3d Battalion, 2d Marine Regiment - "Tact Test"

1. Smoking in fire proof designated places only, under supervision of NCO.

2. Have water tanker with each company size unit.

3. Fire proof to mineral soil for a radius of 50' around each generator.

4. Fire proof as in (3) above and around each mess unit.

5. Have a 20-man fire fighting detail with tools on standby at location of each company size unit.

6. Have 6 bulldozers stationed on standby at locations designated by Forestry.

(1) TLZ Goose
(2) TLZ Albatross
(3) OP-5
(6) OP-2
(7) TLZ Lark
(8) Intersection of Moore & Marines Road

7. Set-up and maintain communications with LtCol NICE, Range Control

b. 4th Marine Amphibious Brigade (Use TLZ Goose only)

1. Smoking in fire proof designated places only, under supervision of NCO.

2. One water tanker at TLZ Goose

Subj: Restrictions on Specialized Training during Base Closure Period

3. Fire proof to mineral soil for a radius of 50' around each generator.

4. No mess unit.

5. One 20-man fire fighting detail with tools on standby at TLZ Goose.

6. Have one bulldozer on standby TLZ Goose.

7. Set-up and maintain communications with LtCol NICE, Range Control.

c. Other restraints set by LtCol NICE:

1. No heat tabs.

2. No gasoline lanterns.

3. Use of tank trails only for "Tact Test" - No cross country.

Wendell A. Neal

WENDELL A. NEAL

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Training

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DISTRIBUTION
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TO RUEOAIJ/CG SECOND MAW
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AIRLIFT REQUEST
1. MCB CLNC RUC 31000
2. ALZ-4 (GC 851382) 141315 Z DEC 79
3. ALZ-4 (GC 851382) 141615 Z DEC 79
4. 4/4/W
5. 2 PAX
6. N/A
7. A. JULIAN I. WOOTEN/AV 484-2083
B. SAME AS 7.A

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C. SAME AS 7.A
8. N/A
9. REQ HELO FOR APPROX 3HR FOR VR OF MCB CLNC AREA. BOTH CIV PAX ARE STAFF MEMBERS NATURAL RESOURCES AND ENVIRONMENTAL AFFAIRS AND AUTH TO FLY GOVT AIR.VR WILL BE TO DETERMINE DAMAGES BY SOUTHERN PINE NEEDLE BEETLE.
BT
#8089
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REL: J.R. FRIDELL COL C/S
DIST: FAC, TRNG /33

122206Z Dec 79

12 22 06 Z Dec 79

15 Dec 1976

Base Forestry Section, Natural Resources and Environmental Affairs Division

Training Support Center

Use of Audio Visual Equipment

1. From time to time it becomes necessary for us to use audio visual equipment such as 8, 16 and 35mm projectors, sound equipment and opaque or overhead projectors for our safety meetings. We have two licensed operators, Robert H. Warden, Jr. and Michael D. Surrette.

2. We would appreciate your assistance in the use of this equipment should procurement become necessary.

PETER E. BLACK
Asst Base Forester

Copy to:
Forestry

Ken

BASE MAINTENANCE DEPARTMENT
Marine Corps Base
Camp Lejeune, North Carolina 28542

MAIN/KCH/th
3100
12 July 1976

From: Base Maintenance Officer
To: Assistant Chief of Staff, Training

Subj: Helicopter flight; request for

Ref: (a) CG, MCB ltr TRNG/CLN/bh 3100 of 2 Apr 76

1. The following project requirement is submitted for approval. Natural Resources and Environmental Affairs personnel were authorized for such travel by reference (a).

a. Southern pine beetle detection survey - 16 July 1976
Alternate date - 23 July 1976

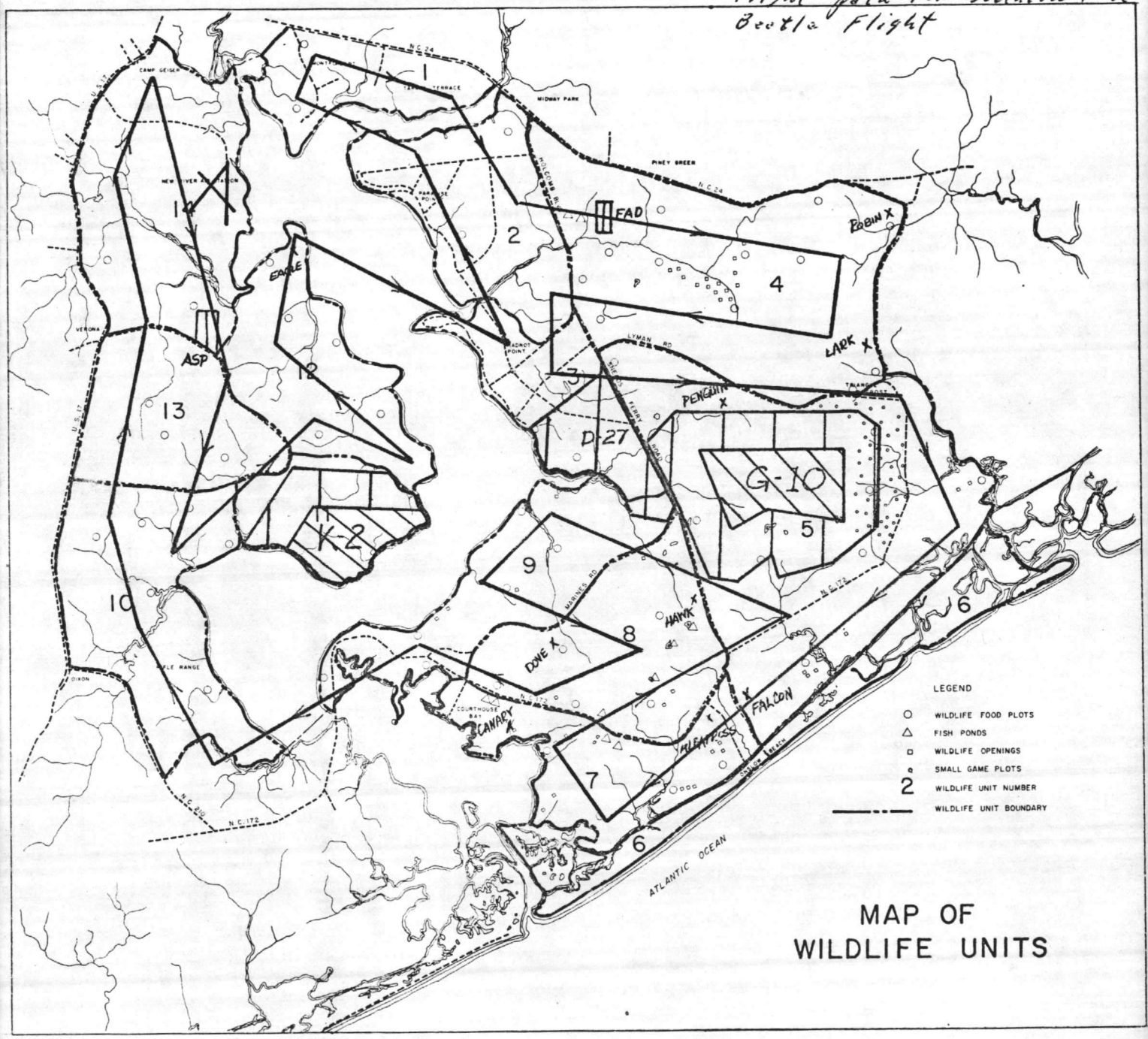
(1) Passengers: Peter E. Black and Robert H. Warden, Jr.

(2) Two-hour flight - base lands: pick-up and drop points - Parade Field; pick-up time - 0800

2. Point of contact for coordination of Mr. Wendell A. Neal, Director, Natural Resources and Environmental Affairs Division, extension 5003.

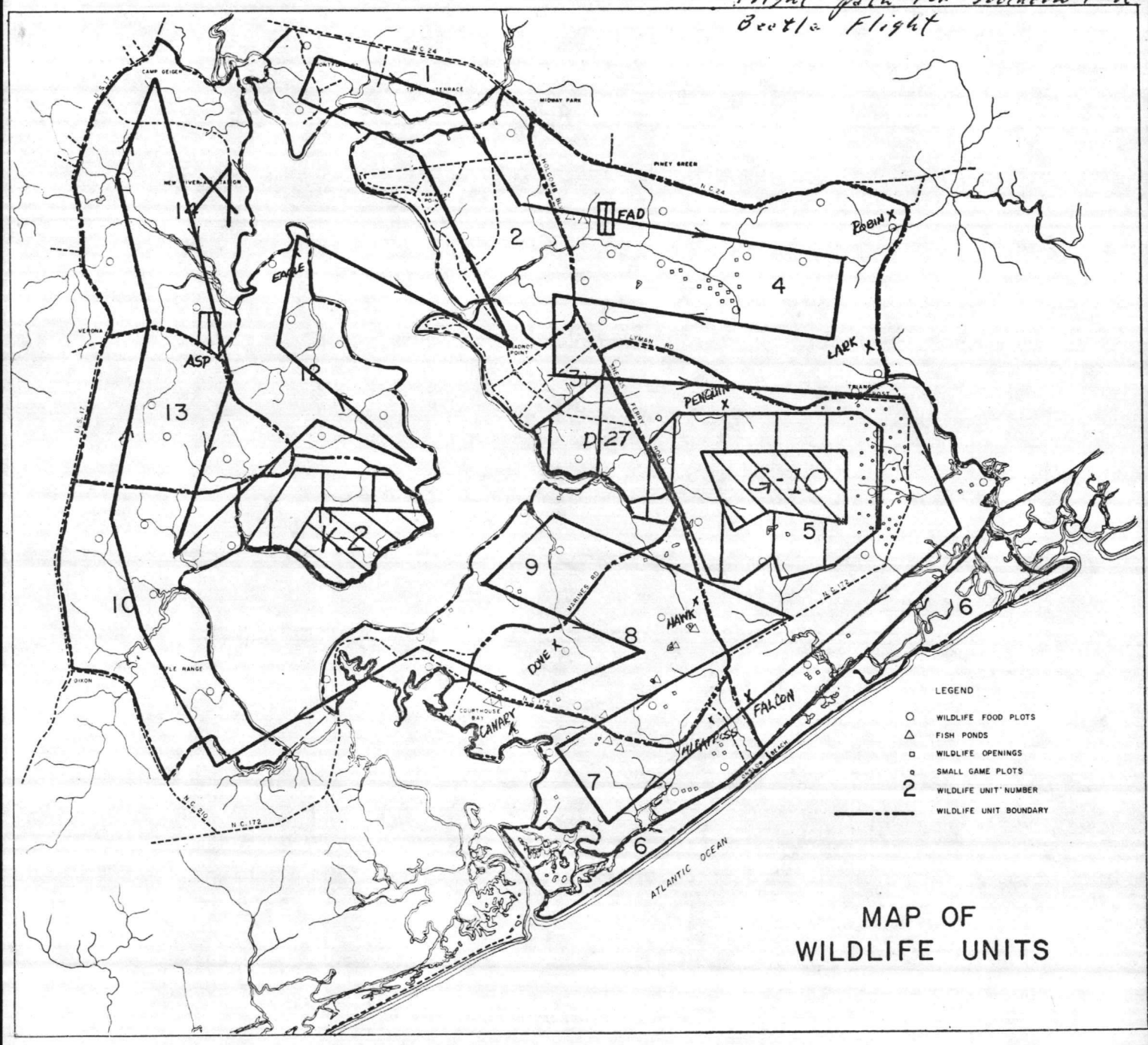
C. D. WOOD

Flight path for Southern Pine Beetle Flight



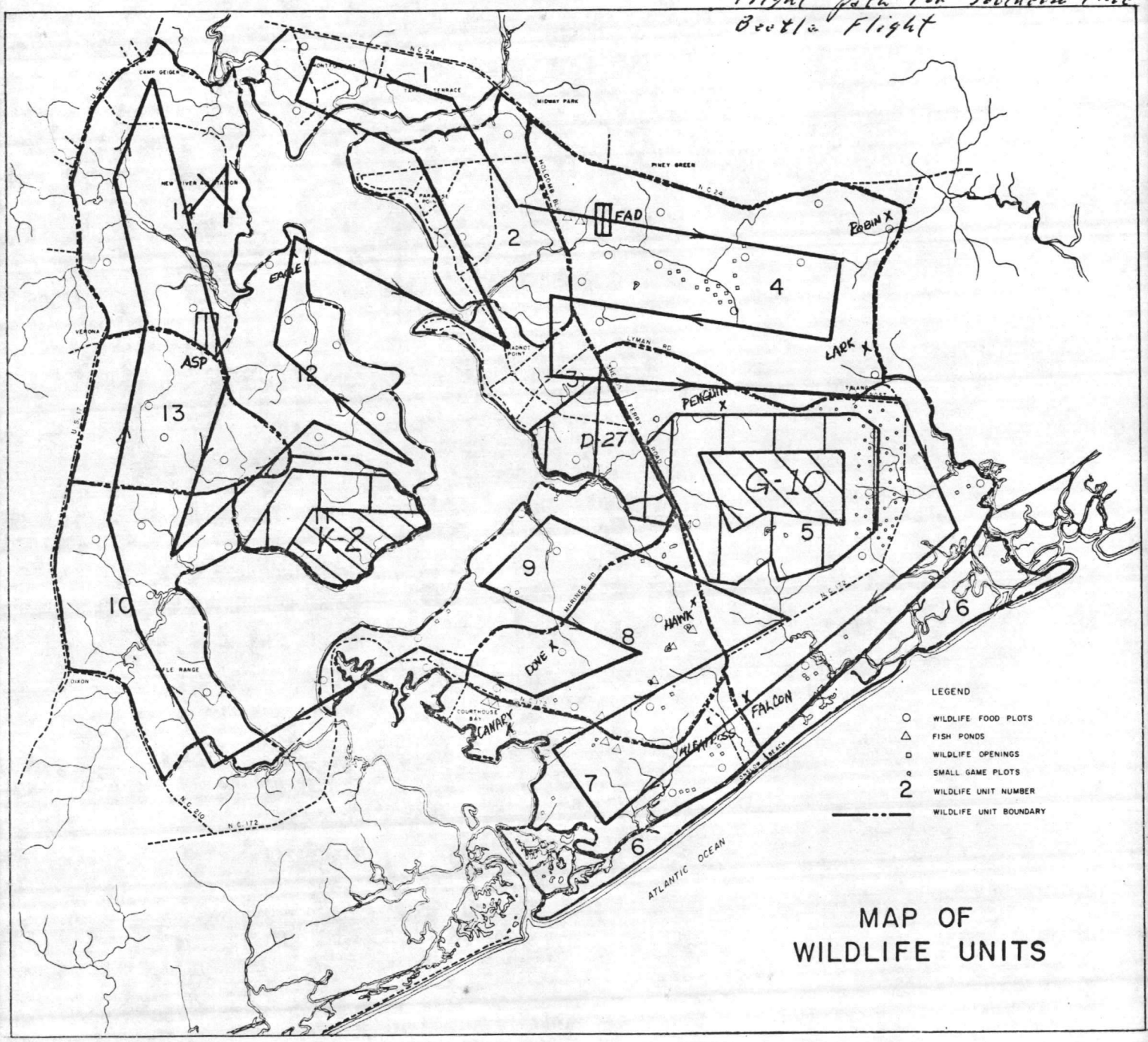
MAP OF WILDLIFE UNITS

Flight path for Southern Pine Beetle Flight



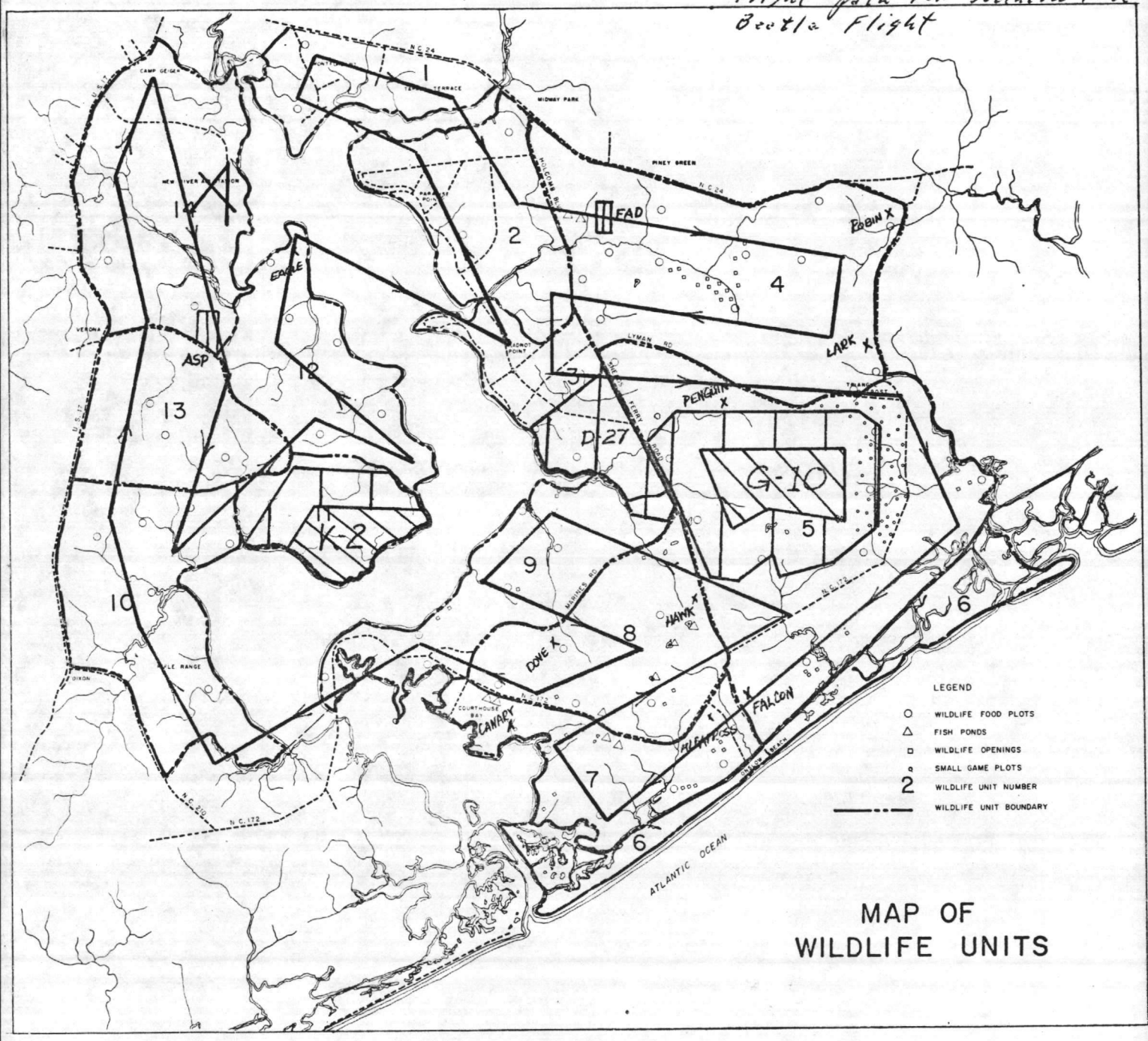
MAP OF WILDLIFE UNITS

Flight path for Southern Pine Beetle Flight



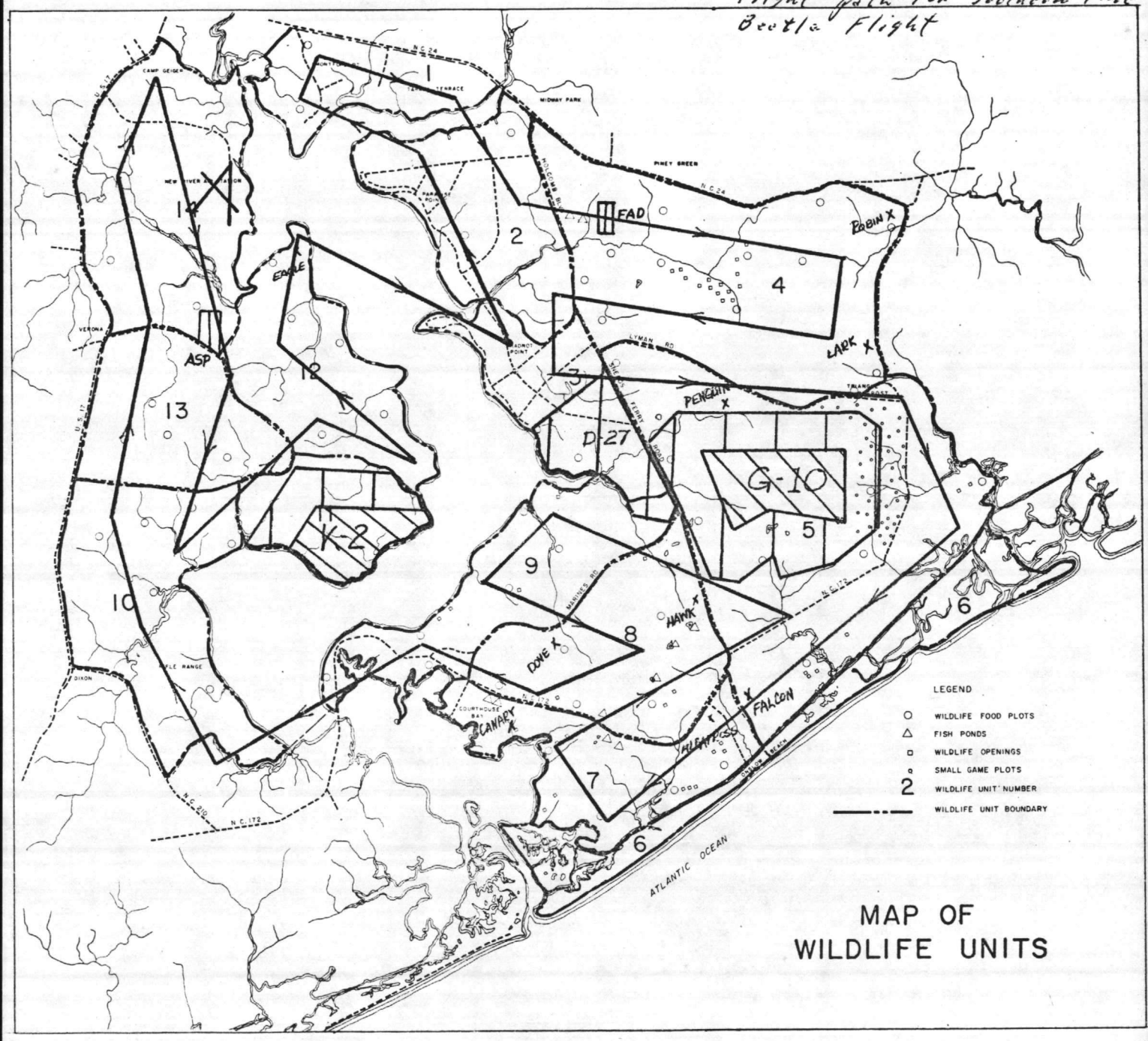
MAP OF WILDLIFE UNITS

Flight path For Southern Pine Beetle Flight



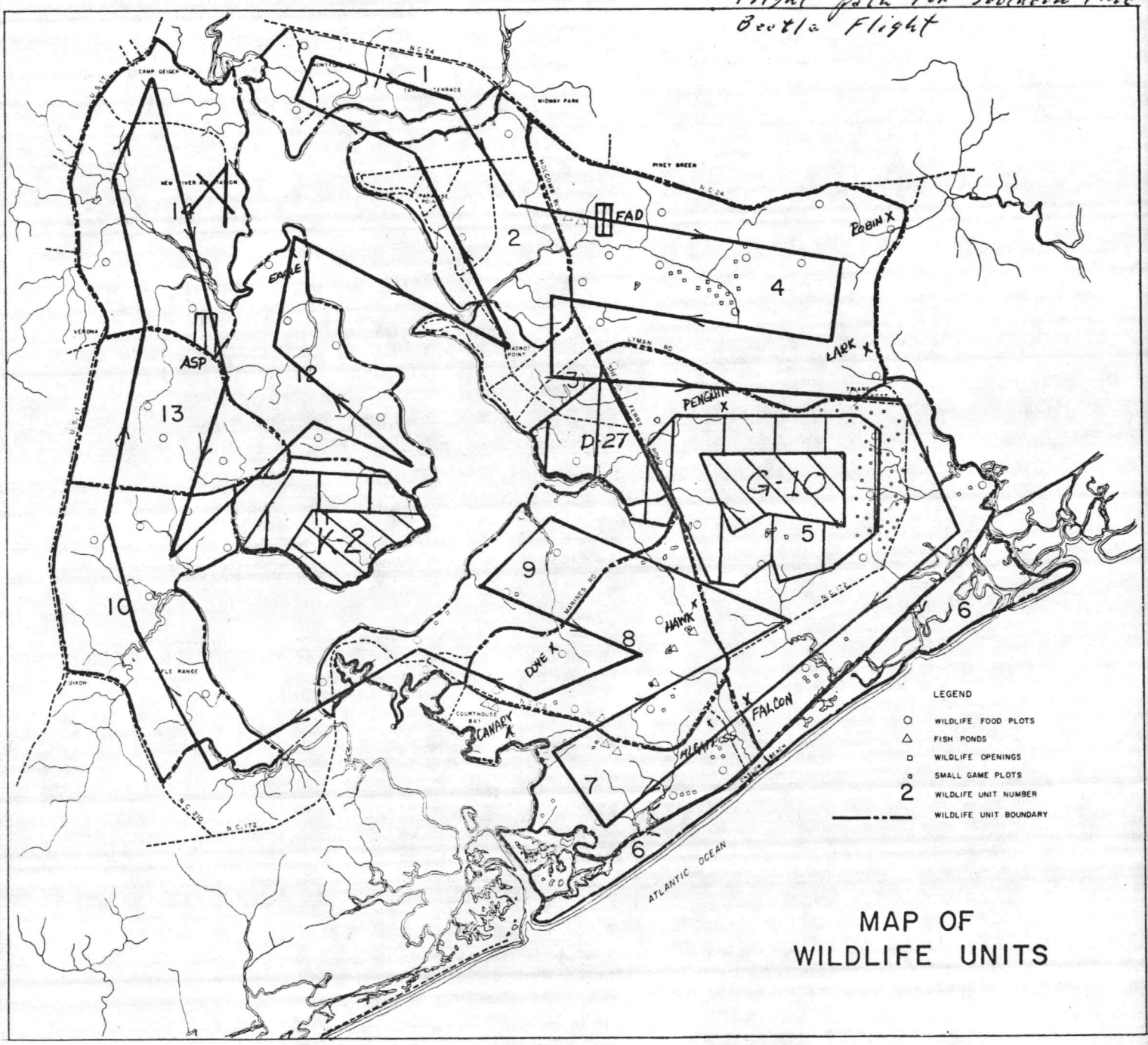
MAP OF WILDLIFE UNITS

Flight path For Southern Pine Beetle Flight



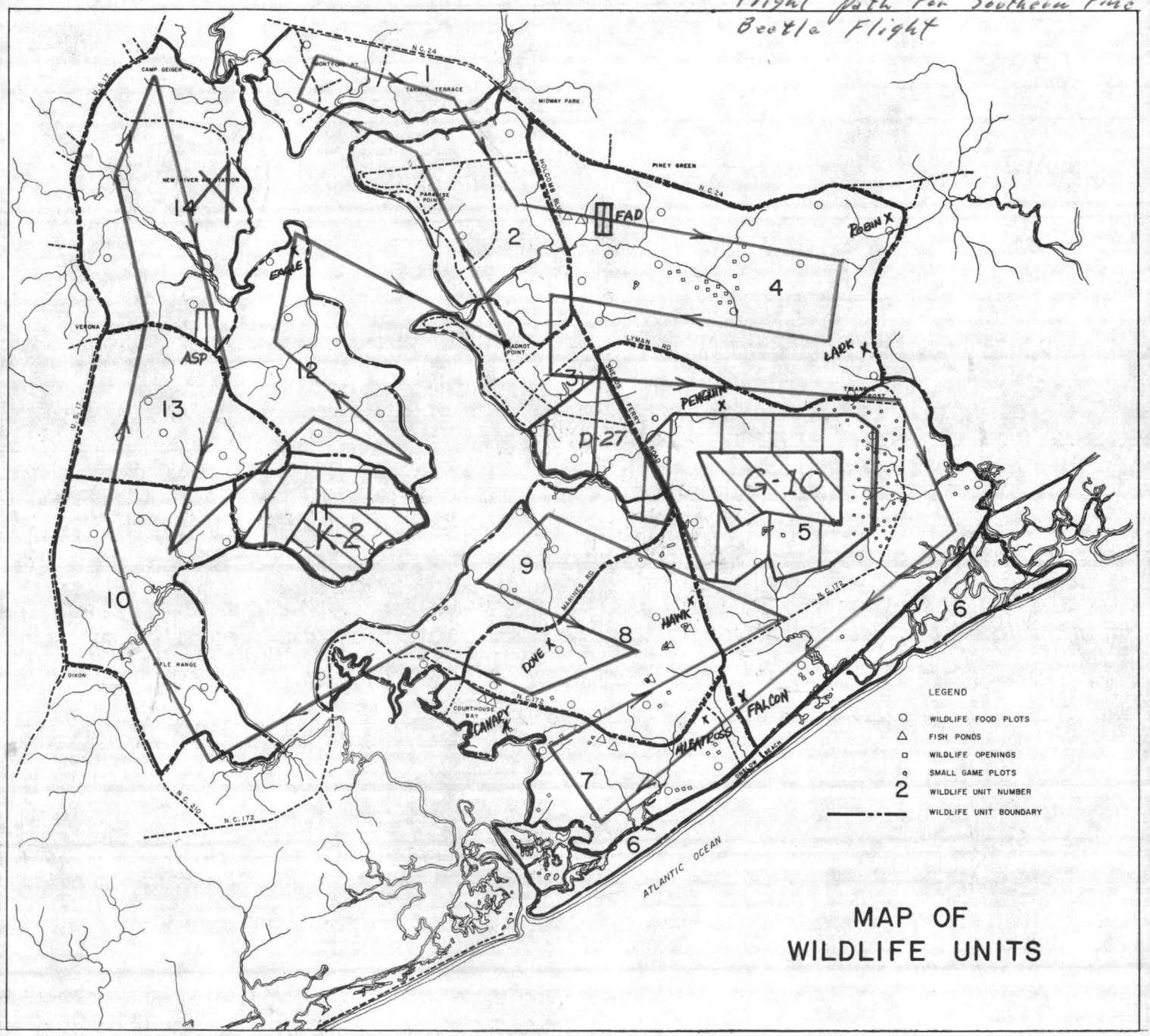
MAP OF WILDLIFE UNITS

Flight path for Southern Pine Beetle Flight



MAP OF WILDLIFE UNITS

Flight path for Southern Pine Beetle Flight



MAP OF WILDLIFE UNITS

	ACTION	INFO	INITIAL
BMO		✓	[illegible]
ABMO		✓	[illegible]
MAINT NCO			
SAFETY CHMN			
PROP			
M&R			
OPNS			
ADMIN			
TELE			
UTIL			
ENVIRON AFF	✓	✓	[illegible]
SECRETARY			
F&A BRANCH			

ASSISTANT CHIEF OF STAFF, FACILITIES
HEADQUARTERS, MARINE CORPS BASE

DATE 17 Mar '76

TO:

BASE MAINT O	DIR, QUARTERS & HOUSING
PUBLIC WORKS O	DIR, BOQ/BSQ
COMM-ELECT O	BASE FIRE CHIEF
MOTOR TRANSPORT O	

ATTN: _____

1. Attached is forwarded for info/~~action~~. Base Range Maint. Off will recommend TOW firing off of OP-5 into G-10 which can be done w/o timber clearing & minimum site improvement. I personally object to this site as anything other than an interim range because it requires closure of Lyman Rd, non-use of OP-2 and restricts access to other range/trng areas. Believe we'll still want another, better range f/ultimate solution, perhaps vic R J firing east across G-10 (over)

~~2. Please initial, or comment, and return all papers to this office.~~

3. Your file copy

"~~LET'S~~ THINK OF A FEW REASONS WHY IT CAN BE DONE"

924355

anticipate Lt Col Nice will want Forester to recon other possible areas w/ him.

We'll need to answer HQMC w/i 30 days.

Gr memo of 7 Jan 76 is on same subj when F-3 was being considered & is sort of a worst case estimate based on map recon, I believe.

Respectfully,

E. R. Laine, Jr.

DEPARTMENT OF THE NAVY
HEADQUARTERS UNITED STATES MARINE CORPS
WASHINGTON, D.C. 20380

IN REPLY REFER TO
LFF-1-CPA:dc
8 MAR 1976

From: Commandant of the Marine Corps
To: Commanding General, Marine Corps Base, Camp Lejeune, North Carolina 28542

Subj: Facility Support Requirements, TOW Missile System

Ref: (a) MCO 4000.20A
(b) CMC 281644Z August 1975

Encl: (1) MCO 8391.1 w/Change 1; ALO for TOW Antitank/Assault Weapon System
(2) Annex A, TOW Safety Fan, to DA ltr of 7 July 1975, TOW Weapon System New Material Introductory Letter

1. Enclosures (1) and (2) are forwarded for information and for use as facilities planning documents in accordance with reference (a). It is requested that these documents be reviewed and facilities requirements to support the TOW missile system, for the long term, be developed and forwarded to the Commandant of the Marine Corps (Code LFF) without delay. Negative replies are required.

2. Reference (b) applies.

A. E. Scribner
A. E. SCRIBNER
By Direction

ANNEX A

TOW SAFETY FAN

TOW Range Safety Data has been forwarded to Headquarters, U. S. Army Materiel Command for incorporation in AR 385-62. The TOW Safety fan must be used in conjunction with AR 385-62 and considered as a draft until the revised AR is published.

a. Fixed Targets

(1) The diagram of the surface danger zone for fixed target firings is shown in Figure I. This zone is based on the maximum ballistic range of the TOW missile since there is no provision for command destruct by the trajectory safety officer. This surface danger zone is applicable to missiles with HE or practice warheads. Dimensions X and Y for construction of areas A and B are included for each type warhead.

(2) The surface danger zone (Figure I) consists of the impact area and areas A, B, and C. The entire surface danger area will be cleared of all personnel prior to firing of a missile except as authorized in a(8) below.

(3) The impact area is constructed as depicted in Figure I.

(4) Area A is the lateral secondary danger area and is constructed as shown in Figure I. Separate surface danger areas for HE and inert warhead firings may be constructed using X and Y values given in Figure I.

(5) Area B is an extension of the impact area and Area A in the direction of firing as depicted in Figure I. It consists of an area Y meters in depth beyond the impact area. Values for Y are given in Figure I.

(6) Area C is the launcher danger area extending to the rear of the firing position. This area is depicted in Figure I and constructed as shown in Figure III. It is further divided into a primary danger area and several caution areas.

a. The primary danger area is a 90 degree included angle cone with the apex of the cone at the aft end of the missile launch motor. The radius of the cone is 50 meters. Serious casualties or fatalities are likely to occur to any personnel in the primary danger area during a firing. Hazards are launch motor blast, high noise levels, over-pressures and debris.

b. Caution area 1 is an area extended radially from each side of the primary danger area to the firing line. Permanent ear damage could occur to personnel in caution area 1 during a firing without proper ear protection prescribed in TOW manuals. Hazards are high noise levels and overpressures.

c. Caution area 2 is a 25 meter deep extension on the rear of the primary danger area. Permanent ear or eye damage could occur to personnel in caution area 2 during a firing because of high noise levels and flying debris. Personnel necessary or caught in this area during a combat firing should not face the launcher. Caution area 2 will be kept clear of all personnel during training exercises and non-combat firings.

(7) TOW will not be fired from any position which will permit the guidance wires to contact electrical power lines during a normal trajectory or as a result of an erratic trajectory that be caused by malfunctions.

(8) Only those personnel actively engaged in firing and control of the missiles as specified by appropriate TM's and FM's and others specifically authorized by the responsible officer will be permitted in the surface danger zone at the time of firing the missile. Non-operational personnel should retire to a distance of at least 50 meters to the side.

(9) Personnel will never stand or permit any portion of the body to be directly behind or in front of the launcher while a missile is in the launcher.

(10) The weapon will not be fired from within buildings, or from within 100 meters of a vertical or nearly vertical backstop.

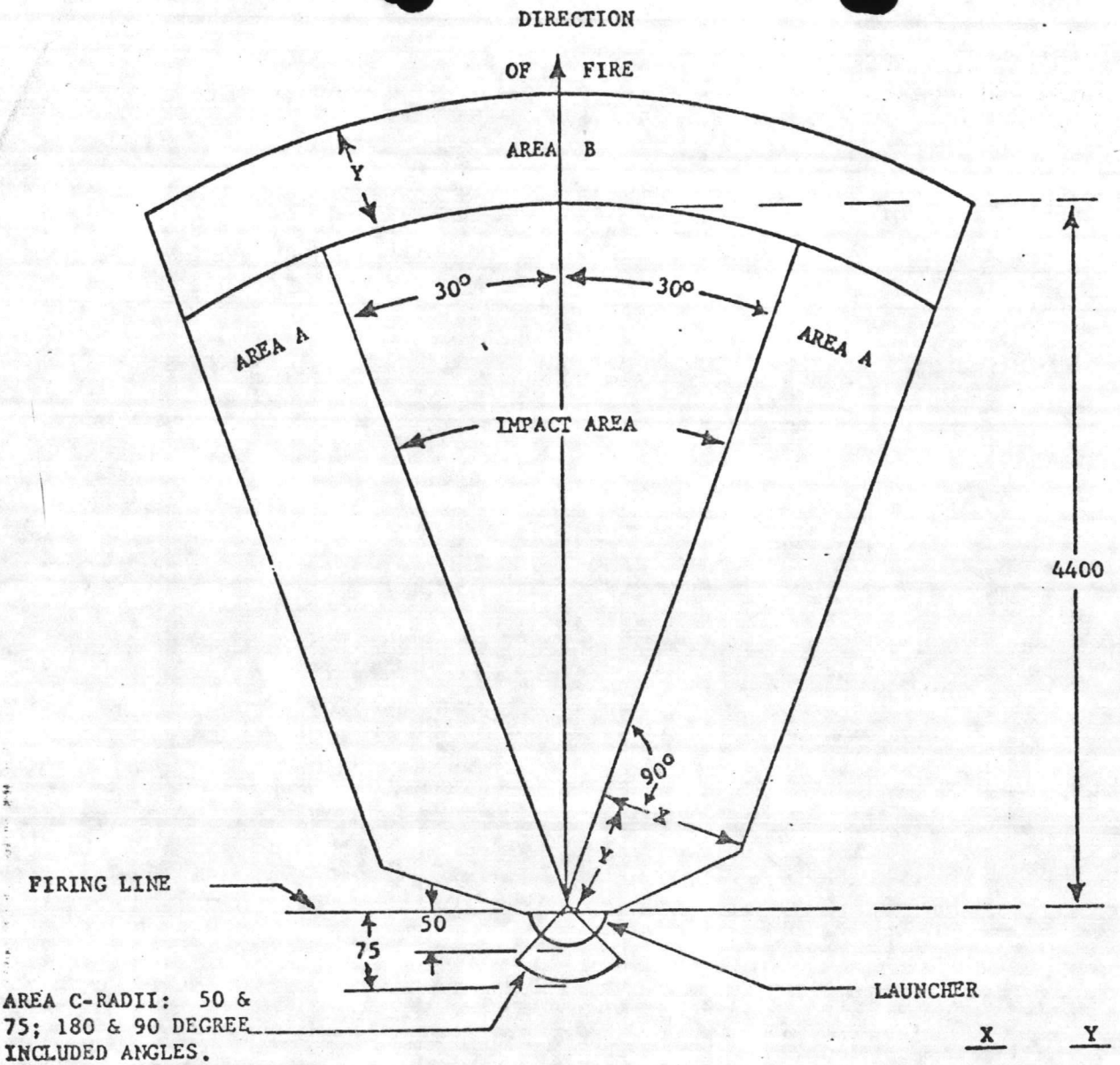
(11) Procedures and precautions in TOW TM's will be observed in all preparation and firing operations.

b. Moving Targets

(1) The diagram of the surface danger zone for moving target firings is shown in Figure II. This surface danger zone is applicable to missiles with HE or practice warheads.

(2) The surface danger area is constructed generally in the same manner stipulated for the TOW firing in paragraph a. with the exception that a maneuver area for the moving target has been included.

(3) The target maneuver area consists of an area 8 degrees to either side of the launcher to target line of sight at the time of firing. The right and left limits of the target maneuver area will be marked to aid the gunner in determining these limits. Areas A and B are constructed as shown in Figure II and described in paragraph a.



	X	Y
TRAINING MISSILE (INERT WARHEAD)	100	100
TACTICAL MISSILE (HE WARHEAD)	750	750

NOTES:

1. NOT TO SCALE.
2. ALL DIMENSIONS ARE IN METERS.

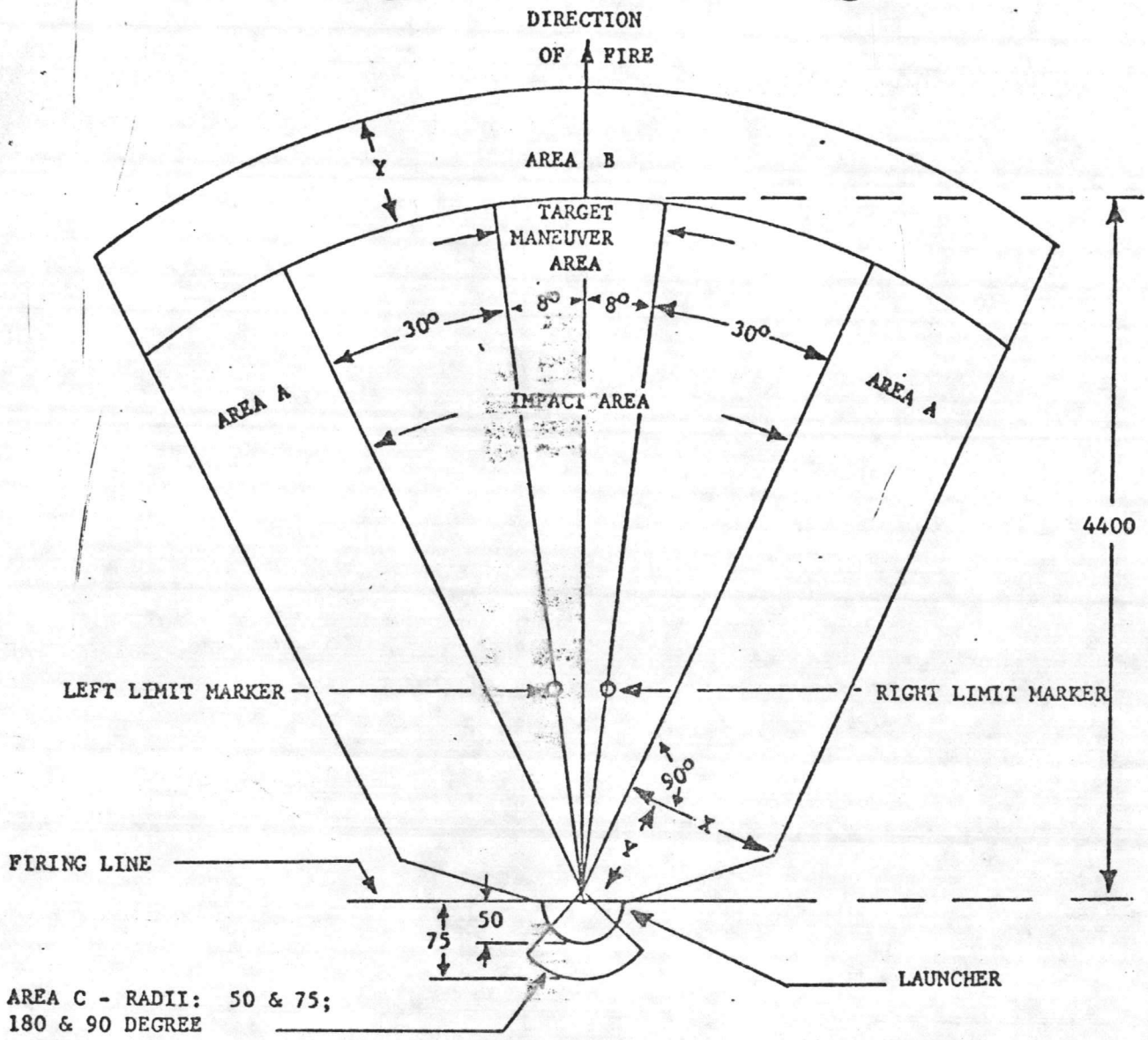
SURFACE DANGER AREA FOR TERRESTRIAL FIRING OR THE TOW ATGM AT A FIXED TARGET.

FIGURE I

(4) Area C is the launcher danger area and is constructed as shown in Figure II and Figure III. Hazards and construction of primary danger area and caution area portions of area C are outlined in paragraph a(6) above.

(5) Requirements of paragraph a(7)-(11) also apply to moving target firings.

c. TOW will not be fired at manned vehicles. Moving vehicles used as targets must be operated by remote control with the operating personnel located in a protected area.



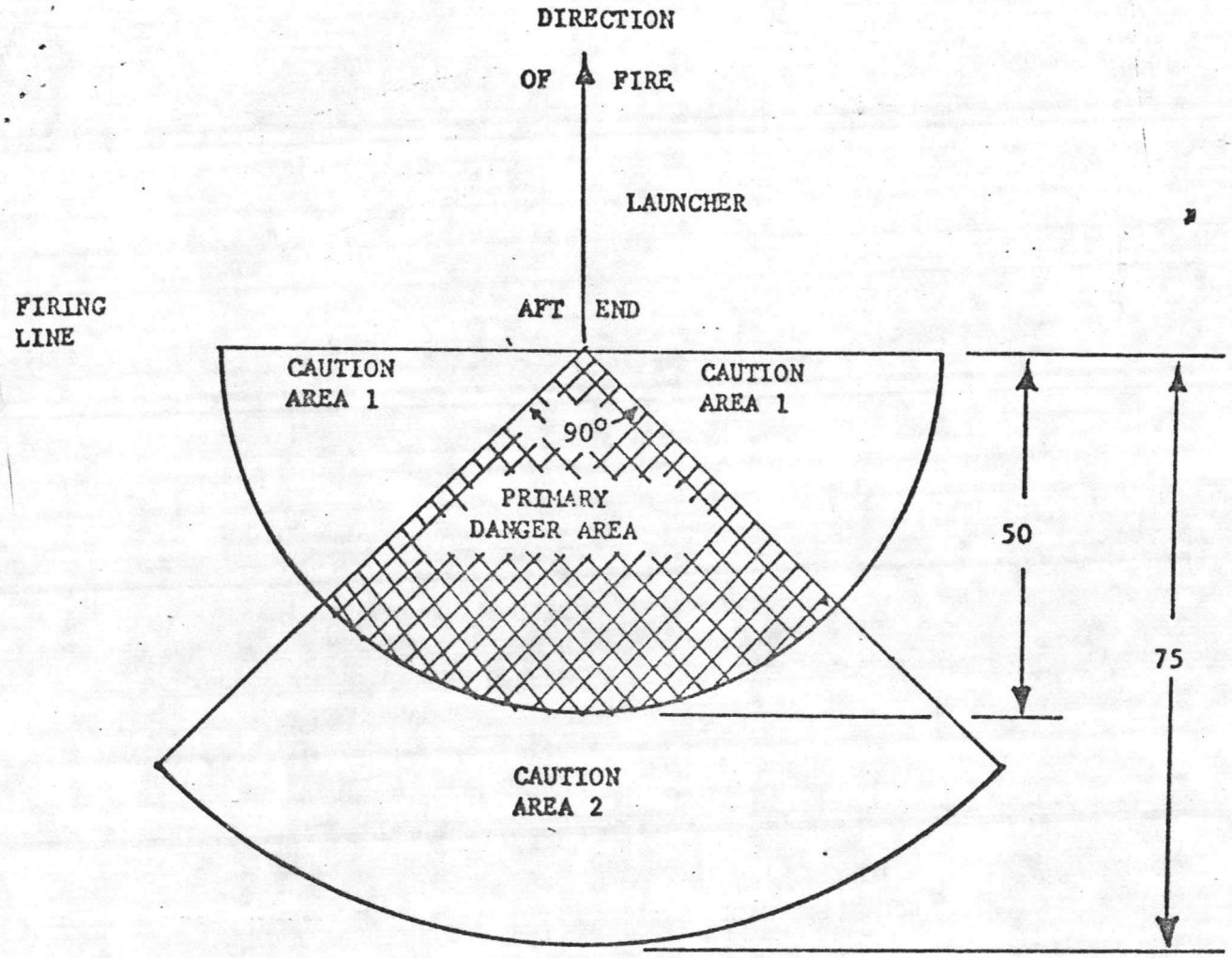
	X	Y
TRAINING MISSILE (INERT WARHEAD)	100	100
TACTICAL MISSILE (HE WARHEAD)	750	750

NOTES:

1. NOT TO SCALE.
2. ALL DIMENSIONS ARE IN METERS.
3. DIRECTION OF FIRE INDICATES DIRECTION OF TARGET AT TIME OF MISSILE FIRING.

SURFACE DANGER AREA FOR TERRESTRIAL FIRING OF THE TOW ATGM AT A MOVING TARGET.

FIGURE II



NOTES:

1. NOT TO SCALE.

2. ALL DIMENSIONS ARE IN METERS.

SURFACE DANGER AREA C FOR ALL TOW ATGM FIRINGS

FIGURE III

HOST

Have you been a good
Forest Service Host today?

April 3, 1983

Happy Easter Ken!

Here's the info you asked for from Pete. We don't buy thigh high boots because we have never been able to find them on contract. We buy hip boots and Crazy Pete cuts them off and rolls them down to his knees. You know he always had to be different.

This order was made in April 1982 so I don't have the most recent data on the FSS. But LaCrosse has a telephone # attached which you might call and get updated info.

Good luck! Come see us when you can. Say hello to Thelma for me.

J.J.

PAGE NUMBER	RECEIVING OFFICE NO.	CONTRACT NUMBER	ORDER DATE	37	CODE	CODE	ORDER NUMBER	SCHD.
1 OF 1	4563	GS-01S-07990	041382	I	11	TT	40-4550-2-373	

CHECK ONE

☐ Purchase Order

☒ Delivery Order

10 TO: (Seller)
Lacrosse Rubber Mills Co.
Box 1328
Lacrosse, WI 54601

11 SHIP TO: (Consignee and Destination)
USDA Forest Service, Croatan RD
435 Thurman Road, 5 Miles SE of New Bern
on US Hwy 70E,
New Bern, NC 28560

12 LINE ITEM	13 ACT. CODE	14 DESCRIPTION	15 BUDGET OBJECT	16 ACC. LINE	17 QUANTITY	18 UNIT ISSUE	19 UNIT PRICE	20 AMOUNT
		Over-the-Foot Hip Boots as follows:						
01		8430-00-NSL-0S-73 7	2670	X	9	PR	25.56	230 06
02		8430-00-NSL-0S-74 8	2670	X	1	PR	25.56	25 56
03		8430-00-NSL-0S-75 9	2670	X	5	PR	25.56	127 80
04		8430-00-NSL-0S-76 10	2670	X	4	PR	25.56	102 2
05		8430-00-NSL-0S-77 11	2670	X	2	PR	25.56	51 1
		Index 86						
		FSC 84, Part II, Sec. A						

s/b
08181 LACROSSE RUBBER
BOX 1328
LACROSSE, WI 54601
(608) 782-3020

LACROSSE RUBBER MILLS CO
1407 ST ANDREW STREET
LACROSSE, WI 54601

84 II A Federal Supply Schedule 84 Part II

INDEX NO.	SUPPLIES OR SERVICES
9	Type II - Full ankle (Industrial Model) upper strap, reinforcing steel shank in whole sizes from 6 to 13. 8430-00-NSL-0S72 Size 6 8430-00-NSL-0S73 Size 7 8430-00-NSL-0S74 Size 8 8430-00-NSL-0S75 Size 9 8430-00-NSL-0S76 Size 10 8430-00-NSL-0S77 Size 11 8430-00-NSL-0S78 Size 12 8430-00-NSL-0S79 Size 13 1 to 11.....Zone 1- "Award Pending" Zone 2- "Award Pending" 12 pairs and over.....Zone 1- "Award Pending" Zone 2- "Award Pending"

21 FOB POINT
Destination

22 DIS

23 TIME FOR DELIVERY
30 Days ARO

24 SH

28 ACC LINE	29 ACCOUNTING CLASSIFICATION A	B									
-2	5	10	5	3	4	1	4	1	2	2	
1							302	0		19%	101
2							300	5		19%	101
3							312	7		19%	101
4							301	6		29%	155
5							301	7		5%	26
6							300	8		9%	48

ISSUING OFFICE NAME AND ADDRESS
USDA-Forest Service
National Forests in North Carolina
PO Box 2750
Asheville, NC 28802

P receipt on 5/5 for 7's & 10's

ORDERED BY (Name and Title)
Alice M. Piercy, Purchasing Agent

PHONE (Area Code and Number)
704-258-2850, Ext. 300; FTS 672-0300

AUTHORIZED SIGNATURE
P-Receipt 5/7 5-9's 1-8

FORM AD-838-9

AGENCY USE COPY C Receipt mailed 5-19(

PAGE NUMBER	RECEIVING OFFICE NO.	CONTRACT NUMBER	ORDER DATE	37	CODE	CODE	ORDER NUMBER	SCHED
1 OF 1	4563	GS-01S-07990	041382	1	11	TT	40-4550-2-573	

CHECK ONE

☐ Purchase Order

☒ Delivery Order

10 TO: (Seller)
Lacrosse Rubber Mills Co.
Box 1328
Lacrosse, WI 54601

11 SHIP TO: (Consignee and Destination)
USDA Forest Service, Croaten RD
435 Thurman Road, 5 Miles SE of New Bern
on US Hwy 70E,
New Bern, NC 28560

12 LINE ITEM	13 ACT. CODE	14 DESCRIPTION	15 BUDGET OBJECT	16 ACC. LINE	17 QUANTITY	18 UNIT ISSUE	19 UNIT PRICE	20 AMOUNT
		Over-the-Foot Hip Boots as follows:						
01		8430-00-NSL-0S-73 7	2670	X	9	PR	25.56	230 04
02		8430-00-NSL-0S-74 8	2670	X	1	PR	25.56	25 56
03		8430-00-NSL-0S-75 9	2670	X	5	PR	25.56	127 8
04		8430-00-NSL-0S-76 10	2670	X	4	PR	25.56	102 2
05		8430-00-NSL-0S-77 11	2670	X	2	PR	25.56	51 1
		Index 86						
		FSC 84, Part II, Sec. A						

21 FOB POINT: Destination	22 DISCOUNT TERMS: Net 30 Days	Sub-Total ▶	25: 536
23 TIME FOR DELIVERY: 30 Days ARO	24 SHIP VIA: Best Means	26 ESTIMATED FREIGHT: -0-	TOTAL ▶ 27: 536

28 ACC LINE	29 ACCOUNTING CLASSIFICATION A	B	C	D	E	30 DISTRIBUTION	31 AMOUNT
-2	5	10	5 3	4	1 4 1 2	2	
1					302 0	19%	101
2					300 5	19%	101
3					312 7	19%	101
4					301 6	29%	155
5					301 7	5%	26
6					300 8	9%	48

ISSUING OFFICE NAME AND ADDRESS
USDA-Forest Service
National Forests in North Carolina
PO Box 2750
Asheville, NC 28802

P receipt on 5/5 for 7's & 10's

ORDERED BY (Name and Title)
Alice H. Piercy, Purchasing Agent

PHONE (Area Code and Number)
704-258-2850, Ext. 300; FTS 672-0300

AUTHORIZED SIGNATURE
P-Receipt 5/7 5-9's 1-8

FORM AD-838-9

AGENCY USE COPY

C Receipt mailed 5-19(

UNITED STATES MARINE CORPS
Headquarters
2d Engineer Battalion
2d Marine Division, FMF
Camp Lejeune, N. C. 28542

3/JCW/rjb
1500
11 Feb 1976

From: Commanding Officer
To: Commanding General, Marine Corps Base, CLNC 28542 (Attn: Director Resources and Enviromental Affairs)
Via: Commanding General, 2d Marine Division, FMF (Attn: ACofS, G-3)

Subj: Land Clearing and Lumber Harvesting; request for

Ref: (a) Map: New River Series V742 Sheet 5553III 1:50,000
(b) Tour of Mr. Black, CWO-3 Ferguson and CAPT Williams of 9 Feb 1976

1. It is requested that this battalion be authorized to clear an area approximately 150 feet long and 30 feet wide along the bank of French Creek at grid coordinates 878346. The inspection tour by Mr. Black of Base Forestry and CWO-3 Ferguson and CAPT Williams indicated that there would be no adverse impact from an enviromental standpoint to the surrounding area.

2. The area to be cleared would be used as a training area when launching the M6 Bridge owned by Bridge Company of 8th Engineer Battalion. At the present time no area exists which is suitable to assemble and launch the M6 Bridge and this area would be used as a permanent training area for the M6 Bridge erection and launching.

3. During any clearing and/or area improvement build up required close and continuous coordination will be maintained with the Base Forestry and Wildlife Sections to prevent any adverse enviromental or ecological impact on the surrounding area. Extreme care will be taken to insure that erosion does not occur during or after the clearing operations or during any subsequent training conducted at the site.

4. Due to the need for a training area for erecting and launching the M6 Bridge and the estimated minimal enviromental/ecological impact, it is strongly recommended that favorable action be taken upon this request.

5. It is further requested that this battalion be authorized to harvest timber at areas designated by Base Forestry personnel. As indicated by reference (b) most of the timber would come from an area at grid coordinates 865340. This area has several trees which are infected with Southern Pine Beetle. Mr. Black has indicated that the Base Forestry Division would mark the trees which would be cut.

6. Point of contact is CWO-3 B. L. FERGUSON (ext 3704/3961). The dates for the timber harvesting would be 19-29 March 1976.

W. M. WINOSKI

Copy To: CO 8th Engineer Battalion
CO Bridge Company, 8th Engineer Battalion
Base Forestry

Peterson's Copy

MAIN/CFR/th
11000
9 Dec 1975

Base Maintenance Officer

Assistant Chief of Staff, Facilities

Mechanized/Infantry Training Area; Environmental Impact Assessment

Ref: (a) Your memo w/attachments dtd 2 Dec 75

1. Reference (a) requested review and comments on attached environmental impact assessment.

2. As this is an environmental impact assessment rather than a candidate environmental impact statement, it appears to be adequate in expressing the intent toward protection of endangered species habitat.

3. Recommend that subject assessment be referred to the Environmental Review Board for review and consideration. Also recommend that a representative of the Mechanized/Infantry Training Project be present to answer any further questions that might arise.

C. D. WOOD

my file copy

UNITED STATES MARINE CORPS
MARINE CORPS BASE
CAMP LEJEUNE, NORTH CAROLINA 28542

IN REPLY REFER TO
TRNG/CLN/sam
11102/3
2 Dec 1975

FIRST ENDORSEMENT on CG, MCB, CamLej ltr 3/TPA/1th of 21 Nov 75

From: Assistant Chief of Staff, Training
To: Assistant Chief of Staff, Facilities

Subj: Mechanized/Infantry Training Area; Environmental Impact Assessment

1. The basic correspondence contains the Environmental Impact Assessment required by reference (a).

2. It is requested that the assessment be referred to the Marine Corps Base Environmental Enhancement Board for review and recommendations concerning the permanent establishment of the subject range.

G. C. Cook
G. C. COOK

UNITED STATES MARINE CORPS
HEADQUARTERS, 2D MARINE DIVISION F.M.F.
CAMP LEJEUNE, NORTH CAROLINA 28542

IN REPLY REFER TO
3/TPA/1th
21 Nov 1975

From: Commanding General
To: Commanding General, Marine Corps Base, Camp Lejeune, North Carolina 28542

Subj: Mechanized/Infantry Training Area; Environmental Impact Assessment

Ref: (a) CG, MCB ltr TRNG/CLN/sam, 11102 of 10 Oct 75
(b) MCO P11000.8A Vol V (Environmental Management)
(c) BO 11102.1H

Encl: (1) Environmental Impact Assessment

1. In accordance with the instructions contained in reference (a), (b) and (c), enclosure (1) is submitted for approval.

W. E. Hutchison
W. E. HUTCHISON
By direction

Copy to:
CG, ForTrps

RECEIVED
NOV 26 1975
Hq ForTrps
FMFLant G-3

6 Nov 1975

LtCol Fry,

The principal issue in this project is the protection of the red-cockaded woodpecker sites. As you probably know this is an endangered species protected by Public Law 93-205/Endangered Species Act of 1973.

I think that in paragraph IIBb you should emphasize more emphatically your intention of protecting the woodpecker sites and in paragraph IIBg you should explain how you plan to accomplish this.

Your environmental impact assessment will be reviewed by the Base Environmental Impact Review Board. If the Board decides that the proposed action will have a significant adverse impact upon the environment or is controversial, then it will be necessary to prepare a Candidate Environmental Impact Statement to be forwarded to CMC. If the Board finds no adverse impact or nothing controversial then the Base Commanding General will probably approve the proposed project.

C. F. RUSSELL

5 NOV 75

Mr. Russel -

Per our Tel Con - appreciate your comments on the attached proposed statement.

Would this proposal require approval beyond MCB?

LCol Fry
G-4
2d MAR DIV

TEL: 2516

SUMMARY SHEET

(1) THIS STATEMENT IS AN ENVIRONMENTAL IMPACT ASSESSMENT

(2) IT IS SUBMITTED WITH THE INTENT OF ALLOWING MECHANIZED VEHICLES TO OPERATE IN THE DESIGNATED TRAINING AREAS (SEE MAP) WITHOUT REGARD TO EXSISTING RAODS AND TRAILS.

(3) THE ENIRONMENTAL IMPACT RESULTING FROM THIS ACTION WOULD BE MINOR. THE TRAINING AREAS ARE PRESENTLY BEING USED BY INFANTRY AND MECHANIZED UNITS.

(4) THERE IS NO REQUIREMENT FOR COORDINATION WITH OUTSIDE AGENCIES.

ENVIRONMENTAL IMPACT ASSESSMENT (EIA)

I. PROJECT DESCRIPTION:

A. THIS ASSESSMENT IS SUBMITTED WITH THE PRIMARY INTENT OF ESTABLISHING A CHANGE IN THE PRESENT USE OF THE subject TRAINING AREAS FOR MECHANIZED/INFANTRY TRAINING, (SEE MAP). THIS TRAINING AREA PRESENTLY IS USED BY BOTH INFANTRY AND MECHANIZED VEHICLES. HOWEVER, THE MECHANIZED VEHICLES ARE RESTRICTED TO EXISTING ROAD AND TRAILS THROUGHOUT THE AREA. THE PROJECT, IF ESTABLISHED, WOULD ALLOW THE MECHANIZED VEHICLES TO OPERATE THROUGHOUT THE TRAINING AREA WITHOUT REGARD TO ROAD AND TRAILS.

II. EXSISTING SITE CHARACTERISTICS AND RELATIONSHIP OF PROPOSED ACTION TO USE PLANS, POLICIES AND CONTROLS FOR AFFECTED AREA:

A. THE NATURAL ENVIRONMENT OF THIS AREA CONSISTS OF gently rolling terrain with numerous open patches; vegetation is mainly scrub brush, undergrowth and trees; soil is mainly fine sands, clays and mud.

B. PROBABLE ENVIRONMENTAL IMPACT OF THE PROPOSED SECTION:

a. THERE WOULD BE SOME LOSS OF SMALL TREE SAPLINGS AND UNDERGROWTH/VEGATATION FROM THE MECHANIZED VEHICLES. IT IS NOT ENVIZIONED THAT WILDLIFE WOULD BE MORE THAN SLIGHTLY EFFECTED IN THAT THE AREAS ARE PRESENTLY USED FOR MECHANIZED/ INFANTRY TRAINING.

b. CERTAIN SITES WITHIN THE TRAINING AREAS; i.e. FISH MANAGEMENT PONDS AND RED COCKABED WOODPECKER SITES WOULD REMAIN OFF LIMITS, (SEE MAP). THUS PRESERVING THE PRESENT ENVIRONMENT.

c. ALTERNATIVES. THERE ARE NO OTHER REALISTIC ALTERNATIVES. THERE ARE NO OTHER TRAINING AREAS LOCATED AT CAMP LEJEUNE NORTH CAROLINA THAT OFFER AS MUCH OPEN GROUND AS DOES THIS AREA. OTHER ~~TWO~~ Training AREAS ARE MORE HEAVILY FORESTED AND MUCH GREATER ECOLOGICAL DAMAGE WOULD RESULT.

d. ANY PROBABLE ADVERSE ENVIRONMENTAL EFFECTS WHICH CANNOT BE AVOIDED SHOULD THE PROPOSAL BE IMPLEMENTED.

CERTAINLY, SOME SMALL SAPLINGS/UNDERGROWTH/VEGATATION WILL BE DESTROYED BY THE TRACKED VEHICLES, BUT THE EFFECT WILL BE MINOR BECAUSE COMMANDERS UTILIZING THE AREA WILL BE REQUESTED TO EXERT MAXIMUM SUPERVISION TO ENSURE THAT THERE IS NO WANTON DESTRUCTION OF VEGETATION. WILDLIFE DISRUPTION SHOULD BE MINOR BECAUSE OF PRESENT USE OF TRAINING AREA BY TRACKED VEHICLES/INFANTRY.

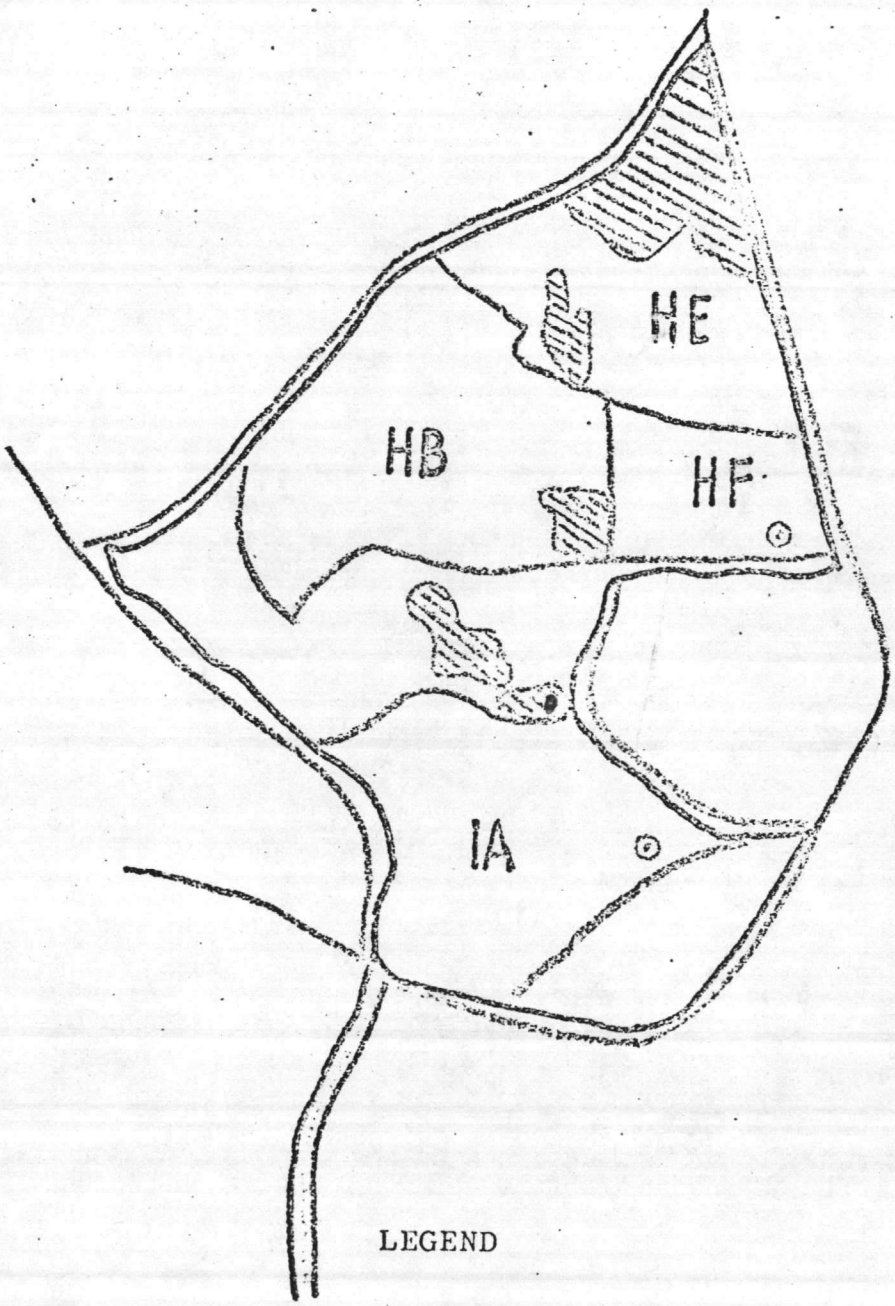
e. THE RELATIONSHIP BETWEEN LOCAL SHORT TERM USE OF MAN'S ENVIRONMENT AND MAINTENANCE AND ENFORCEMENT OF LONG TERM PRODUCTIVITY.

THE IMPACT WILL BE MINOR AS DEFINED IN THE PREVIOUS PARAGRAPH.

f. ANY IRREVERSIBLE AND IRRETRIEVABLE COMMITMENTS OF RESOURCES THAT WOULD BE INVOLVED IN THE PROPOSED ACTION SHOULD IT BE IMPLEMENTED: NONE

g. CONSIDERATIONS THAT OFFSET THE ADVERSE ENVIRONMENTAL EFFECTS:

(1) THE TRAINING EFFECIENCY, PRESENTLY RESTRICTED TO ROADS AND EXSISTING TRAILS, WOULD BE GREATLY ENHANCED.



LEGEND

PROPOSED BOUNDARY

RED COCKADED WOODPECKER SITES & BUFFER ZONES

MANAGED FISH PONDS & BUFFER ZONES

ROADS & TRAILS

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DESCRIPTION:

Public Works

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Pete Block

MAIN/KCH/spk
11010

From: Base Maintenance Officer
To: Resident Officer in Charge of Construction
Jacksonville, North Carolina Area

Subj: Consolidation of Timber Harvest Contracts

Ref: (a) ROICC ltr JAX/20/TLH/fao of 29 Apr 1982

1. In some cases there is valid reason to combine timber sales into a larger package, as suggested in the reference. However, in many instances there are overriding reasons for not combining sales in different timber compartments which are as follows:

a. The compartment is a management unit as well as a recordkeeping unit.

b. A compartment is entered only once in a ten-year period for a major timber sale. Small salvage or regeneration removals may be made in the interim.

c. Timber compartments vary greatly in timber quality and size.

d. Road access and conditions vary from one compartment to another.

e. Logging conditions (e.g., dry ground vs wet ground, hilly ground vs flat ground) vary from one compartment to another.

f. Contractors require/prefer certain sizes, kinds, species, etc. of raw products (trees) for their operations.

g. Contractors, large and small, each have their own capabilities as to equipment financing, etc.

h. The need for time factors on sale completion can vary from one compartment to another.

i. Other silvicultural needs/requirements differ greatly from one compartment to another.

2. One or more of the above reasons normally make it more desirable to sell timber products on a compartment basis rather than combining into a large sale. Timber volumes, sizes, kinds and species coupled with logging conditions can make the difference in several thousand dollars offered for an advertisement. The proper mix of product and other related items can make a difference in competitive bidding. Natural Resources and Environmental Affairs has combined some sales in the past and will continue to be alert for the possibilities of combining products into a single offering wherever possible.

B. W. ELSTON
Acting

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CSC CLASSIFICATION STANDARDS 2/23/77
FORESTRY TECHNICIAN SERIES GS-462 - 4 to 11
FORESTRY AID SERIES GS-462-1, 2, 3

Classification factors - (2)

1. Nature of assignment
2. Level of responsibility

Qualification factors not treated separately as a factor since they are reflected under the two broad classification factors.

NATURE OF ASSIGNMENT - (Technicians)

Includes complexity of assignment and the skills and knowledge required to complete it. Technician work requires an understanding of forest plant biology, familiarity with interrelated physical sciences (physics, chemistry, mathematics) and use of measuring instruments and application of basic mathematics.

NATURE OF ASSIGNMENT - (Aids)

At lower grade levels, forestry aids primarily assist higher grade employees and perform increasingly more varied or more difficult support tasks. Ability to master basic methods and practices is essential.

LEVEL OF RESPONSIBILITY

Includes judgment exercised and supervision received by the technician, in terms of the guidance received during the course of the work, and the intensity of review and completed work. It also includes the impact of his recommendations and decisions. At lower grade levels, the provision of availability of specific and detailed direction and procedures, and the closeness of observation and checking of work are of primary significance.

GS-462-5 - Forestry Technician
NATURE OF ASSIGNMENT

~~Carry out a variety of operations following established procedures and precedents to obtain needed information. On the basis of substantial training or experience they apply a background of practical knowledge and understanding of forestry conservation methods and practices and an appreciation of resource relationships. GS-5 technicians are typically required to select or adapt procedures in meeting field or laboratory conditions.~~

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of resource relationships. Are typically required to select or adapt procedures in meeting field or laboratory conditions.

In supporting activities for management or protection of forest resources, they (a) administer operations involving onsite decisions and judgments, (b) make surveys to collect various types of information requiring the application of judgment and knowledge of particular areas (c) carry out resource management or protection practices that require skill and judgment to effect results e.g. in fire suppression, or to evaluate resource conditions or to estimate quantity and quality of resources when few variables are involved, and (d) make group and individual contacts in providing information and answering questions about assigned areas of technical program; such as fire prevention, public recreation use, and visitor information.

Following examples are illustrative:

1. Carries out work sequences in administering silvicultural projects that require a general understanding of the intent of the resource management plans and instructions developed by foresters. Conducts onsite surveillance over the performance of contractor or agency crews engaged in timber stand improvement, reforestation, etc. The assignment is usually limited to a forest area where silvicultural and environmental elements pose very few problems; timber stands are typically pure, and only a few silvicultural practices are involved. Surveys recently planted tracts to ascertain survival of trees, using standard sampling and recording procedures, and reporting general growth conditions and apparent causes for nonsurvival.

2. Determines and records merchantable content (scaling) of logs in selected situations where (a) there are few problems of adequate visibility, and most logs are evaluated as one log and (b) extent of log defect is relatively easy to identify or estimate since defects are typically of less complex kinds - such as sweep, crook, simple breakage, simple stump rot, - and are relatively isolated.

3. Conducts timber cruising and sample surveys to locate and estimate the quantity of timber on a given area according to species, type, and quality. Timber stands cruised are relatively alike and uniform. Cutting usually involves only one cutting practice such as sanitation cutting or clear cut.

4. Independently selects and marks timber for cutting - marks according to well defined marking guides, and established management policies, involving thinning of crowded stands, individual tree selection, retention of enough trees for future cutting, and cutting of overmature or damaged trees. Estimates merchantable volume by use of prescribed volume tables and techniques.

LEVEL OF RESPONSIBILITY

Work assignments involving concepts and methods typically familiar to the technician, are made in terms of the objectives to be achieved, and without explicit instructions on work methods. Technical or work contact problems of the type previously encountered by the technician in the course of the work are typically resolved independently, but may be referred to others in unusual cases.

Decisions are largely repetitive in view of the limited variability in scope of assignments and require use of judgment. However, GS-5 technicians are responsible for making selections from numerous guidelines. Contacts involve explaining program objectives to visitors and the general public, attempting to obtain cooperation and compliance in discussion with users and contractors, and interchange of information with co-workers.

GS-6, 7, and above require increasingly more experience and knowledge, to do more complex and more technical work.

8 Feb. 80

Forestry
BMaint

for your info.
J. Passingham
Civ. Eng.

SCHEDULE OF REMOTE SENSING WORKSHOPS

OF THE

EROS APPLICATIONS ASSISTANCE FACILITY

DATE (1980)	WORKSHOP DESCRIPTION
February 10-14	U. S. Forest Service Workshop
March 4-5	Aerial Photo Volume Table Conference
March 27-April 16	Navy Workshop
May 12-16	U. S. Fish & Wildlife Service Workshop
May 21-22	Urban Forestry Conference
June 3-6	U. S. Forest Service Workshop
July 14-18	Overview of Remote Sensing Workshop
August	U. S. Forest Service Workshop
September	No Courses

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REMOTE SENSING TRAINING

EROS APPLICATIONS ASSISTANCE FACILITY
National Space Technology Laboratories

A HANDS ON SHIRTSLEEVE WORKSHOP PROGRAM

Our four day, results-oriented workshops are unlike other training programs in that they are designed to present a balanced review of the principles and techniques of information extraction from a variety of image types. The workshops provide the participant with sound, proven techniques for the application of remote sensing "know-how" to solve old and new problems in resource inventory and environmental management.

Stressing immediately useable procedures and readily available, inexpensive tools through careful, interrelated use of lectures, audio/visual slide presentations, discussions, photo interpretation exercises, and field work, participants are both challenged and encouraged to undertake remote sensing projects upon completion of the workshops. The EROS training staff will provide individualized advice and make available specific interpretation equipment at the Applications Assistance Facility both during and after the workshop.

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The fee of $170.00 covers all course materials including text, workshop notebook, photos, overlays and computer searches. Upon receipt of a $50.00 registration fee, (balance of $120.00 will be due at start of workshop) a test with suggested reading will be sent to you via return mail. Classes begin at 8:30 a.m. on Tuesday and end with presentation of a Certificate of Completion on Friday. Evenings are free for informal discussions or trips into New Orleans or the Mississippi Gulf Coast.

Accommodations are available at hotels in Slidell, Louisiana (Holiday Inn, Ramada Inn, and 8 Days Inn) at reasonable rates.

For complete details please fill out the following applications and mail to:
EROS Applications Assistance Facility, NSTL, NSTL Station, Mississippi 39529

NAME _____ JOB TITLE _____

EMPLOYER _____ PHONE _____
(Area)

ADDRESS _____
(City)

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(State) (Zip Code)

I am interested in a workshop dealing with the following applications of remote sensing:

- ☐ Forestry
- ☐ Land Use Planning
- ☐ Overview of Remote Sensing
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- ☐ Coastal Morphology

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TO

Peter

ASSISTANT CHIEF OF STAFF, FACILITIES
HEADQUARTERS, MARINE CORPS BASE

DATE 31 Mar 1983

TO: NREA

BASE MAINT O

PUBLIC WORKS O

COMM-ELECT O

DIR, FAMILY HOUSING

DIR, UNACCOMPANIED PERS HSG

BASE FIRE CHIEF

ATTN: MR. Wooten

1. Attached is forwarded for info/action.

2. Please initial, or comment, and return all papers to this office.

3. Your file copy

J. M. Fitzgerald
By direction

"LET'S THINK OF A FEW REASONS
WHY IT CAN BE DONE"

DEPARTMENT OF THE NAVY
HEADQUARTERS UNITED STATES MARINE CORPS
WASHINGTON, D.C. 20380

IN REPLY REFER TO
LFF-2:MGA:cvm

29 MAR 1983

Mr. William A. Carothers, Entomologist
United States Department of Agriculture
Forest Service Pest Management
3620 Interstate 85, N.E.
Doraville, Georgia 30340

Dear Mr. Carothers:

Thank you for your 18 March 1983 letter and information regarding the 1982 Gypsy Moth surveys and research. The following is provided in response to the requests in your letter:

1. To further the cooperative research accomplished during 1982 at Marine Corps Development and Education Command, Quantico, Virginia, the Marine Corps will participate in the expanded 1983 program. Direct mailing and contact with Marine Corps activities is authorized.

2. Marine Corps activities in Georgia, North Carolina and South Carolina include:

- Marine Corps Logistics Base
  Base Maintenance Division
  TA 725-6040
  Albany, Georgia 31704

  Contact: Mr. Phillip Ramsey
  Phone (912) 439-5661

- Marine Corps Base
  Facilities Department
  Office of Natural Resources and Environmental Affairs
  Camp Lejeune, North Carolina 28542

  Contact: Mr. Ken Harrison or Mr. Peter Black
  Phone (919) 451-5003

- Marine Corps Air Station
  Natural Resources and Environmental Affairs Office
  Facilities Department
  Cherry Point, North Carolina 28516

  Contact: Mr. John Mease
  Phone (919) 466-3631

Fisculous

LFF-2:MGA:cvm

29 MAR 1983

- Marine Corps Recruit Depot
  Maintenance Department Bldg 450
  Parris Island, South Carolina 29905

  Contact: Mr. Cal Garnet
  Phone (803) 525-2779

- Marine Corps Air Station
  Logistics Officer S-4
  Beaufort, South Carolina 29906

  Contact: Warrant Officer Gunther
  Phone (803) 846-7370

Your cooperation and technical assistance in this program is appreciated.

Sincerely,

JOHN P. BURKE
Colonel, United States Marine Corps
Facilities and Services Division
Installations and Logistics Department
Headquarters, U. S. Marine Corps
by direction of
Commandant of the Marine Corps

Copy to:
MCDEC QUANTICO, VA
MCLB ALBANY, GA
MCB CAMP LEJEUNE, NC
COMCABEAST
MCAS CHERRY POINT, NC
MCAS BEAUFORT, SC
MCRD PARRIS ISLAND, SC