Maine Army National Guard
Plymouth Landing Zone and Raven UAV Observation Tower
2015 March - Record of Environmental Consideration

ARNG ENVIRONMENTAL CHECKLIST

Enter information in the yellow shaded areas.

PART A - PROJECT (DOPAA) INFORMATION

1. PROJECT NAME:
Plymouth Landing Zone and Raven UAV Observation Tower

2. PROJECT NUMBER:	**3. DATE PREPARED:**
23TC15-503	17-Mar-15

4. DESCRIPTION AND LOCATION OF THE PROJECT/PROPOSED ACTION:

a. Location (Include Map):
Plymouth Training Site (see attached maps)

b. Description:
1. Design and build two (2) 120 by 120 by 1.5 foot gravel helicopter landing zone pads ("LZs") and one (1) 20 by 20 by 20 foot tall Raven UAV observation tower at the Plymouth Training Site ("TS");
2. Increase frequency of intermittent rotary-wing aircraft training (e.g., take off and landing, simulated MEDEVAC, sling-load training) at the Plymouth TS, primarily involving Sikorsky UH-60 Black Hawk aircraft; and
3. Conduct intermittent on-site Raven Unmanned Aerial Vehicle ("UAV") training within Plymouth TS airspace.

c. The proposed action will involve (check all that apply):

- [x] Training Activities/Areas
- [x] Construction
- [ ] Reorganization/Stationing
- [ ] Maintenance/Repair/Rehabilitation
- [ ] Lease or License
- [ ] Environmental Plans/Surveys
- [ ] EBS Preparation
- [x] Other (Explain):

d. Project Size (Acres): 0.75 Acres of Ground Disturbance (Proposed): 0.75
(Note: This must be 5 acres or less)

5. START DATE OF PROPOSED ACTION (dd-mmm-yy) 3-Feb-15			Note: This must be a future date
6. PROPOSED ACTION END DATE (dd-mmm-yy): 12/31/2015 (construction)			
7. STATE/ORGANIZATION: Maine Army National Guard		8. SERVICE COMPONENT: NG	
9. ADDRESS: Camp Keyes, 194 Winthrop Street, Augusta, ME 04330			
10. PROPONENT/UNIT NAME: DFE-ENG		11. POC: Andrew Flint	
12. PROPONENT/UNIT ADDRESS: Camp Keyes			
13. COMM VOICE: 207-430-5901	14. COMM FAX: 207-626-4553	15. DSN VOICE:	
16. DSN FAX:	17. EMAIL: andrew.c.flint2.nfg@mail.mil		

18. Was the project adequately addressed in a separate NEPA review? **Do not include Environmental Condition Of Property (ECOP).** [ ] YES [x] NO

If YES, fill out and attach copy of the NEPA decision document:	
	Document Title:
	Lead Agency:
	Date of Decision Document: (dd-mmm-yy):

PART B - AFFECTED ENVIRONMENT

1. Is the agency undergoing, or has it undergone, legal action for NEPA issues (w/in 5 years)?	[ ] YES	[x] NO
2. Has there been previous ARNG training, construction, or similar proposals on the site?	[x] YES	[ ] NO
3. Are there any known env issues subject to public controvesy currently associated with the site?	[ ] YES	[x] NO

Explain any **YES** answers.
1. Similar construction activities have taken place at Plymouth TS for many years without incident or controversy.
2. Plymouth TS has been regularly used for a variety of training exercises, including intermittent on-site training with rotary wing aircraft, machine gun simulators, and pyrotechnics for many years without incident or controversy.

4. Describe the environmental setting, including past and present use of the site.
The proposal area is currently developed with a MEARNG TS and abuts rural residences and working forest land. The Plymouth TS is open for public recreational access (excluding ATVs) when not in use for military training. The Plymouth TS was formerly working forest and has been disturbed by these past activities.

5. How is the site currently zoned?	☐ Residential ☐ Commercial ☐ Industrial ☐ Park ☑ Other (Explain): No Zoning

6. Briefly describe the surrounding area land uses (e.g., undeveloped, recreation, residential, etc.):
Surrounding land uses consists of a rural residential development, working forest, and undeveloped forested wetlands. Surrounding forest land is also used for recreation, including hunting and snowmobiling.

6. Provide distances to **ALL** environmentally sensitive areas:

TYPE	Distance	Unit	TYPE	Distance	Unit
a. Prime/Unique Farmland	intersection	miles	e. Wild/Scenic River	>50	miles
b. Wilderness/Conservation Area	1.9	miles	f. Coastal Zones	13.4	miles
c. Sole-Source Aquifer	31.8	miles	g. Floodplain	>50	miles
d. Wetlands	>200	feet			

PART C - ENVIRONMENTAL IMPACT ANALYSIS

1. AIR

a. Is the proposed action in a non-attainment/maintenance area? ☐ YES ☑ NO

Attach a General Conformity Determination or Record of Non-Applicability (RONA) for Military Construction activities in non-attainment/maintenance areas.

b. Will the proposed action require an air emissions permit, registration, license, etc.?	During proposed action	☐ YES	☑ NO
	During normal operations after proposed action is completed	☐ YES	☑ NO
c. Will the proposed action release objectionable odors, smoke, dust, suspended particles, or noxious gases into the air?	During proposed action	☑ YES	☐ NO
	During normal operations after proposed action is completed	☑ YES	☐ NO
d. Will the proposed action expose sensitive receptors (threatened or endangered plants, and/or animals, and/or children) to pollutants?	During proposed action	☐ YES	☑ NO
	During normal operations after proposed action is completed	☐ YES	☑ NO

Explain any **YES** answers and/or planned mitigation here.
1. Dust could be generated during the proposed construction activity. However, MEARNG will follow best management practices to minimize dust generation, including watering work areas.
2. Increased helicopter training will emit engine exhaust and may suspend dust during take off and landing. The construction of gravel LZs serves to greatly reduce the potential for helicopter-related dust emissions. The combustion products of a UH-60's turbine engines include carbon dioxide, carbon monoxide, water, volatile organic compounds, particulate matter, and mono-nitrogen oxides. Several of the compounds and particulate matter emitted pose health risks; include identified greenhouse gases that contributes to global climate change; and indirectly contribute to the creation of ground-level ozone. However, the proposed action does not result in a net increase in total MEARNG aviation training hours, and thus no net increase in total air emissions. Raven UAV is electric and hand-launched, and should have near-zero impact on air resources.
The effects of the proposed actions on air resources are temporary, local, and will results in a less than significant total impact.

2. TRAFFIC

a. Will the proposed action result in generation of or increase in aircraft activity/traffic?		☑ YES	☐ NO
b. Will the proposed action result in the generation of or increase in vehicular traffic?		☑ YES	☐ NO
c. Will the proposed action use and/or construct unimproved roads?	During proposed action	☐ YES	☑ NO
	During normal operations after proposed action is completed	☐ YES	☑ NO

2. TRAFFIC (continued)

Explain any **YES** answers here. Include aircraft types, number of sorties, and flight schedules (if applicable).

1. Current UH-60 training is anticipated to increase to approximately 20 events per year under the proposed action.
2. UAV training is anticipated to result in approximately 20 events per year. All Raven UAV training is anticipated to remain within the Plymouth TS airspace.
3. Temporary and minor increase in vehicle traffic during construction is anticipated.
4. All aviation training will be conducted in accordance with relevant Federal Aviation Administration and Army regulations.

The effects of the proposed actions on traffic are temporary, local, and will results in a less than significant total impact.

3. NOISE

a. Will the proposed action result in an increase in noise levels?	During proposed action	☑ YES	☐ NO
	During normal operations after proposed action is completed	☑ YES	☐ NO
b. Is the proposed action close to any civilian activity where noise might affect the population (add any not listed in the spaces provided)? Include distances for all types:		☐ YES	☑ NO

TYPE	Distance	Unit	TYPE	Distance	Unit
(1) Residence/Home	2000.0	feet	(5) Library	5.0	miles
(2) Church	2.4	miles	(6) Wilderness Area	2.2	miles
(3) School	4.5	miles			
(4) Hospital	18.9	miles			

c. Will the proposed action involve aircraft?		☑ YES	☐ NO
d. Will the proposed action involve night (10 pm to 7 am) operations?	During proposed action	☐ YES	☑ NO
	During normal operations after proposed action is completed	☐ YES	☑ NO

Explain any **YES** answers.

1. The Raven UAV is not a significant source of noise.
2. Typical and temporary construction noise is anticipated during the construction of the LZs and Raven UAV tower.
3. The noise effects of intermittant UH-60 Black Hawk overflight will be brief and local, but vary significantly by location/distance along the proposed flight line; please see Attachment A for a site-specific analysis of aviation noise effects.

The noise effects of the proposed actions are temporary, local, consistent with existing intermittant training activity noise impacts at the Plymouth TS, and will results in a less than significant total impact.

4. EARTH

a. Will the proposed action result in long-term disruptions, displacements, compaction, or overcovering of soil, a permanent change in topography, or ground surface relief features?	☑ YES	☐ NO
b. Will the proposed action result in a long-term increase in wind or water soil erosion, on or off the site, after the proposed action is completed?	☐ YES	☑ NO
c. Acres of new surface disturbance: 0.75		

Explain any **YES** answers.

Ground disturbance for construction will be conducted in accordance with an erosion control plan and Maine Department of Environmental Protection permit. Erosion control will be maintained until soil is permanently stabilized. Post-construction runoff will be treated by storm water controls in accordance with a MEDEP Site Location of Development (SLODA) permit.

The effects of the proposed actions on soil resources are minor, local, and will results in a less than significant total impact.

5. NATURAL RESOURCES

NOTE- A **subject matter expert** from the State/Territory ARNG Environmental Office must confirm the answers to these questions by signing the signature page.

a. Will the proposed action impact any plants or animals that are listed or candidates for threatened, unique, rare, or endangered status?	☐ YES	☑ NO
b. Will the proposed action introduce any non-native species into the area?	☐ YES	☑ NO
c. Will the proposed action change the diversity or numbers of any species including mammals, birds, reptiles, amphibians, fish, trees, shrubs, grasses, crops, microflora, or aquatic plants?	☐ YES	☑ NO
d. Will the proposed action create barriers to prevent the migration or movement of animals?	☐ YES	☑ NO

e. Will the proposed action deteriorate, alter, or destroy existing fish or wildlife habitat?	☐ YES	☑ NO
f. Will the proposed action deplete any non-renewable natural resources?	☐ YES	☑ NO
g. Will the proposed action alter, destroy, or significantly impact environmentally sensitive areas (wetlands, coastal zones, etc.)?	☐ YES	☑ NO
h. Do you have a species list from the US. Fish and Wildlife Service that is less than 180 days old?	☑ YES	☐ NO
h. Do any of the Species on that list have the potential to occur near the project area?	☐ YES	☑ NO
h. Have you completed your Section 7 requirements?	☑ YES	☐ NO
I. What determination did you come to?	☐ May Affect	☑ No Affect

Explain any **YES** answers.

1. MEARNG has determined that the proposed action has "**no effect**" on Federally-listed threatened or endangered species. See Attachement B for further detail.
2. The proposed construction will result in very minor and localized impacts on upland habitat.
3. The proposed aviation training has the potential to impact migratory and resident birds. Impact of the PAA on birds has been minimized though the planning and evaluation process. The following factors reduce the likelihood that birds will be negatively impacted by the proposed avaiation action:

• The LZs are located approximately 2.8 miles from the nearest mapped Bald eagle nest buffer. Locating the primary training area away from known areas of Bald eagle activity should decrease the likelihood of impacts on Bald eagles.

• The LZs are located approximately 570 feet from the nearest mapped Inland Wading Bird and Waterfowl Significant Habitat. Locating the primary training area away from areas of known water bird activity should decrease the likelihood of impacts.

• Rotary-wing aircraft will maintain an altitude of 2,000 feet above ground level until descent to the Plymouth TS. Flying elevation is a significant factor in the likelihood of bird strike or disturbance; increased elevation greatly reduces the chances of a bird strike (Dolbeer, 2006). The Raven UAV poses very little risk of bird strike due to its small size and low speed.

The effects of the proposed actions on biological resources are temporary, local, and will results in a less than significant total impact.

6. LAND USE

a. Will the proposed action alter the present land use of the site?	☐ YES	☑ NO
b. Who owns the property?	☐ Federal/DOD ☑ State ☐ City/Town/County ☐ Private ☐ Other (Explain):	
c. Does the proposed action involve a real estate action (e.g., purchase, lease, permit, or license)?	☐ YES	☑ NO
Answer the following if you answered YES above: (1) Has an ECOP been completed? **If YES,** attach the ECOP Doc or Concurrence Memo.	☐ YES	☐ NO
(2) Require an increase of acreage/amendment to an existing lease or license?	☐ YES	☐ NO
(3) Require new purchase of additional acres using federal, state, or other funds?	☐ YES	☐ NO
(4) Require a new lease, license, and/or land use permit?	☐ YES	☐ NO
(5) Replace or dispose of existing facilities?	☐ YES	☐ NO

Explain any **YES** answers.

7. SOLID WASTE

a. Will the proposed action generate solid wastes that must be disposed of on or off site?	☑ YES	☐ NO

Explain a **YES** answer.

1. All solid waste generated during construction will be disposed of off site and recycled to the extent possible.
2. Only incidental amounts of solid waste are anticipated to be generated during post-construction training, and will be disposed of off site.

The solid waste effects of the proposed actions are temporary, local, and will results in a less than significant total impact.

8. HAZARDOUS WASTE

a. Will the proposed action generate hazardous waste?		☐ YES	☑ NO
b. Will the proposed action store and/or prepare for the disposal of hazardous waste or materials?	During proposed action	☐ YES	☑ NO
	During normal operations after proposed action is completed	☐ YES	☑ NO
c. Does the proposed action require a permit to accumulate hazardous waste or materials at the site?	During proposed action	☐ YES	☑ NO
	During normal operations after proposed action is completed	☐ YES	☑ NO
d. Does the proposed action have an increased risk for explosion, spill, or the release of hazardous waste or materials (including but not limited to pesticides, chemicals, or radiation)?	During proposed action	☑ YES	☐ NO
	During normal operations after proposed action is completed	☑ YES	☐ NO
e. Will the proposed action require the presence of trained personnel to handle and dispose of hazardous and/or toxic waste/materials?	During proposed action	☐ YES	☑ NO
	During normal operations after proposed action is completed	☐ YES	☑ NO
f. Will the proposed action involve the opportunity for hazardous material minimization and recycling?	During proposed action	☐ YES	☑ NO
	During normal operations after proposed action is completed	☐ YES	☑ NO

Explain any **YES** answers. Is a new plan/plan update describing procedures or toxic materials required?
The proposed action could result in an accidental discharge of petroleum from aircraft or construction equipment. Minor quantities of hazardous materials (e.g., battery acid) may also be discharged in the event of an accident, but are not considered sufficient to constitute a significant risk of adverse impact to resources. The following factors were considered in evaluating the risk and impact of a potential fuel spill:
• Construction and Army rotary-wing aircraft accidents are not common. Worldwide, including combat zones, Army rotary-wing aviation experienced only 49 total accidents over the course of over 1 million flight hours in FY2013 (U.S. Army, 2014).
• UH-60s are equipped with two (2) 180-gallon fuels tank surrounding self-sealing fuel cell membranes. This fuel system is designed to be crashworthy and withstand fire from .50 caliber rounds. In the event of a crash, a UH-60 is unlikely to spill a significant quantity of fuel.
• Maine DEP's Response Office in Bangor is located 30 miles away from the Plymouth TS, and is staffed and equipped to quickly respond to a potential spill incident.
Thus, even in the extremely unlikely event that vehicles in the operation lose their fuel in an accident, the total spill volume will be modest and unlikely to cause lasting impact to resources.
A site-specific spill response plan is not required.
While an accident is unlikely and unanticipated during the proposed action, a spill resulting from an aircraft or construction accident would result in only temporary and localized impact.

g. Do you not have a plan describing procedures for the proper handling, storage, use, disposal, and cleanup of hazardous and/or toxic materials?	During proposed action	☑ YES	☐ NO
	During normal operations after proposed action is completed	☑ YES	☐ NO

Explain any **YES** answers.
MEARNG Spill Response Card

9. WATER

a. Will the proposed action change currents, course, or direction of water movements in marine or fresh waters?		☐ YES	☑ NO
b. Will the proposed action discharge sediments, liquids, or solid wastes into surface waters, or alter the surface water quality?	During proposed action	☐ YES	☑ NO
	During normal operations after proposed action is completed	☐ YES	☑ NO

c. Will the proposed action change the quality and/or quantity of ground waters, either through direct additions or withdrawals, or through interception of an aquifer by cuts or excavations?		☐ YES	☑ NO
		☐ YES	☑ NO
d. Does the proposed action have the potential to accidentally spill hazardous or toxic materials in or near a body of water?	During proposed action	☐ YES	☑ NO
	During normal operations after proposed action is completed	☐ YES	☑ NO
e. Does the proposed action require a Spill Prevention Control and Countermeasure Plan, and/or Installation Spill Contingency Plan (SPCCP and/or ISCP)?	During proposed action	☐ YES	☑ NO
	During normal operations after proposed action is completed	☐ YES	☑ NO
f. Will the proposed action construct facilities or implement actions within floodplains and/or wetlands?	During proposed action	☐ YES	☑ NO
	During normal operations after proposed action is completed	☐ YES	☑ NO
g. Does the proposed action require an NPDES storm water or wastewater discharge permit?		☐ YES	☑ NO
h. Does the proposed action involve the construction of a water or wastewater treatment system (oil water separators, grease traps, etc.)?		☐ YES	☑ NO

Explain any **YES** answers.
Storm water run off from the proposed structures will be treated in accordance with MEDEP regulations (06-096 CMR 500) and documented in a SLODA permit. The proposed action does not require a NPDES Industrial Storm Water permit.
The effects of the proposed actions on water resources are minimal, local, and will results in a less than significant total impact.

10. CULTURAL RESOURCES

a. Does the proposed action involve an undertaking (Reference: 36 CFR 800.16[y]) to a		☐ YES	☑ NO
b. Does the proposed action involve an undertaking affecting an archeological resource eligible for or		☐ YES	☑ NO
If YES to Question b, has an archaeological inventory been completed to determine if		☐ YES	☑ NO
If YES to Question b, did the state contact any Federally-recognized Tribes to comment on the proposed action?		☐ YES	☑ NO
c. Does the proposed action affect a site/resource affiliated with or of interest to a Federally Recognized Tribe? **If YES**, reference it below.		☑ YES	☐ NO
d. Does the proposed action fall under any Federal or Nationwide Programmatic Agreement or Programmatic Comment? **If YES**, reference it below.		☐ YES	☑ NO
e. Has the state contacted the SHPO for comments?		☐ YES	☑ NO
f. Does the proposed action have the potential to affect any traditional cultural properties or sacred sites? **If YES,** attach coordination with Federally-recognized Tribes.		☐ YES	☑ NO

Explain any **YES** answers. (Attach SHPO or NAC Concurrence Letters or MFR - if applicable)

1. MEARNG completed an archeological survey of the Plymouth TS in 2002 and determined that no significant archeological resources are present.
2. MEARNG has consulted with the Penobscot Nation Tribal Historic Preservation Officer and her concurrence with the proposed action is attached. (See Attachement C)

The proposed actions have no effect on known cultural resources. Any discoveries will be addressed in accordance with MEARNG's Integrated Cultural Resource Management Plan.

11. POPULATION

a. Will the proposed action alter the location, distribution, density, or growth rate of the human population of an area?		☐ YES	☑ NO
b. Will the proposed action affect children? Reference: Executive Order 13045	During proposed action	☐ YES	☑ NO
	During normal operations after proposed action is completed	☐ YES	☑ NO
c. Are there any Environmental Justice issues associated with the proposed action? Reference: Executive Order 12898.		☐ YES	☑ NO

Explain any **YES** answers.

12. INFRASTRUCTURE

a. Will the proposed action result in the need for new systems or substantial alterations to the following utilities:

(1) Electrical power, fossil fuel or other (specify):	☐ YES	☑ NO
(2) Drinking water?	☐ YES	☑ NO
(3) Wastewater treatment?	☐ YES	☑ NO
(4) Sewer collection system?	☐ YES	☑ NO
(5) Solid waste disposal?	☐ YES	☑ NO

Explain any **YES** answers.
Temporary water and sanitary facilities (e.g., porta potties) will be provided during construction.

PART E - INNOVATIVE READINESS TRAINING (IRT)

Skip this portion if this is not an IRT Project

1. REQUESTER INFORMATION

a. REQUESTER NAME:	b. TITLE:	
c. AGENCY NAME:		
d. AGENCY ADDRESS:		
e. COMM VOICE:	f. COMM FAX:	g. DSN VOICE:
h. DSN FAX:	i. EMAIL:	

j. TYPE: ☐ FEDERAL ☐ STATE ☐ LOCAL/MUNICIPAL ☐ YOUTH/CHARITABLE

k. SUPPORT TYPE REQUESTED: ☐ ENGINEER ☐ TRANSPORTATION ☐ TECH ASSISTANCE ☐ LOGISTICAL ☐ COMMUNICATION ☐ ADMINISTRATIVE ☐ CEREMONIAL ☐ PARADE ☐ OTHER (SPECIFY):

2. ASSIGNED UNIT INFORMATION (Filled out by assigned National Guard unit)

a. UNIT ASSIGNED PROJECT:	b. SERVICE COMPONENT:
c. UNIT ADDRESS:	
d. PROJECT OFFICER RANK: NAME:	
e. SITE VISIT DATE (dd-mmm-yy	

f. PROJECT ASSESSMENT (Give detailed assessment of project requirements. Review project requirements against the screening criteria in Section 651.29 of 32 CFR Part 651. If the project qualifies for a Categorical Exclusion, indicate the Categorical Exclusion code).

n.a.

g. ESTIMATED NUMBER OF HOURS REQUIRED TO COMPLETE PROJECT:	h. PERSONNEL REQUIRED:	OFFICER	ENLISTED

PART F - DETERMINATION

On the basis of this initial evaluation, the following is appropriate:

- ☐ An **Environmental Condition Of Property (ECOP)** and a **new checklist** once the ECOP is completed.
- ☐ IAW 32 CFR 651 Appendix B, the proposed action qualifies for a **Categorical Exclusion (CX)** that does not require a Record of Environmental Consideration.
- ☑ A **Record of Environmental Consideration (REC).**
- ☐ An **Environmental Assessment (EA).**
- ☐ A **Notice of Intent (NOI)** to prepare an **Environmental Impact Statement (EIS).**

Signature of Proponent (Requester)	Concurrence:	Environmental Program Manager
MAJ Shannon Cotta		Andrew Flint
Printed Name of Proponent (Requester)		Printed Name of Env. Program Manager
3/17/15		17-MAR-15
Date Signed		Date Signed

Concurrence (as needed):

Signature of Landowner	Signature of Commander - DCSOPS
Printed Name of Landowner	COL Herbert J. Brock Printed Name of Commander
Date Signed	17-MAR-15 Date Signed
Signature of Facilities Officer	(See Attachment) Signature of Commander - 120th RSG
COL Dwaine E. Drummond Printed Name of Facilities Officer	COL Diane L. Dunn Printed Name of Unit Environmental Officer
Date Signed	Date Signed
Signature of Natural Resources Manager	Signature of Cultural Resources Manager
Timothy Bickford Printed Name of Natural Resources Manager	Elizabeth Barton Printed Name of Cultural Resources Manager
17 MAR 15 Date Signed	17-Mar-15 Date Signed

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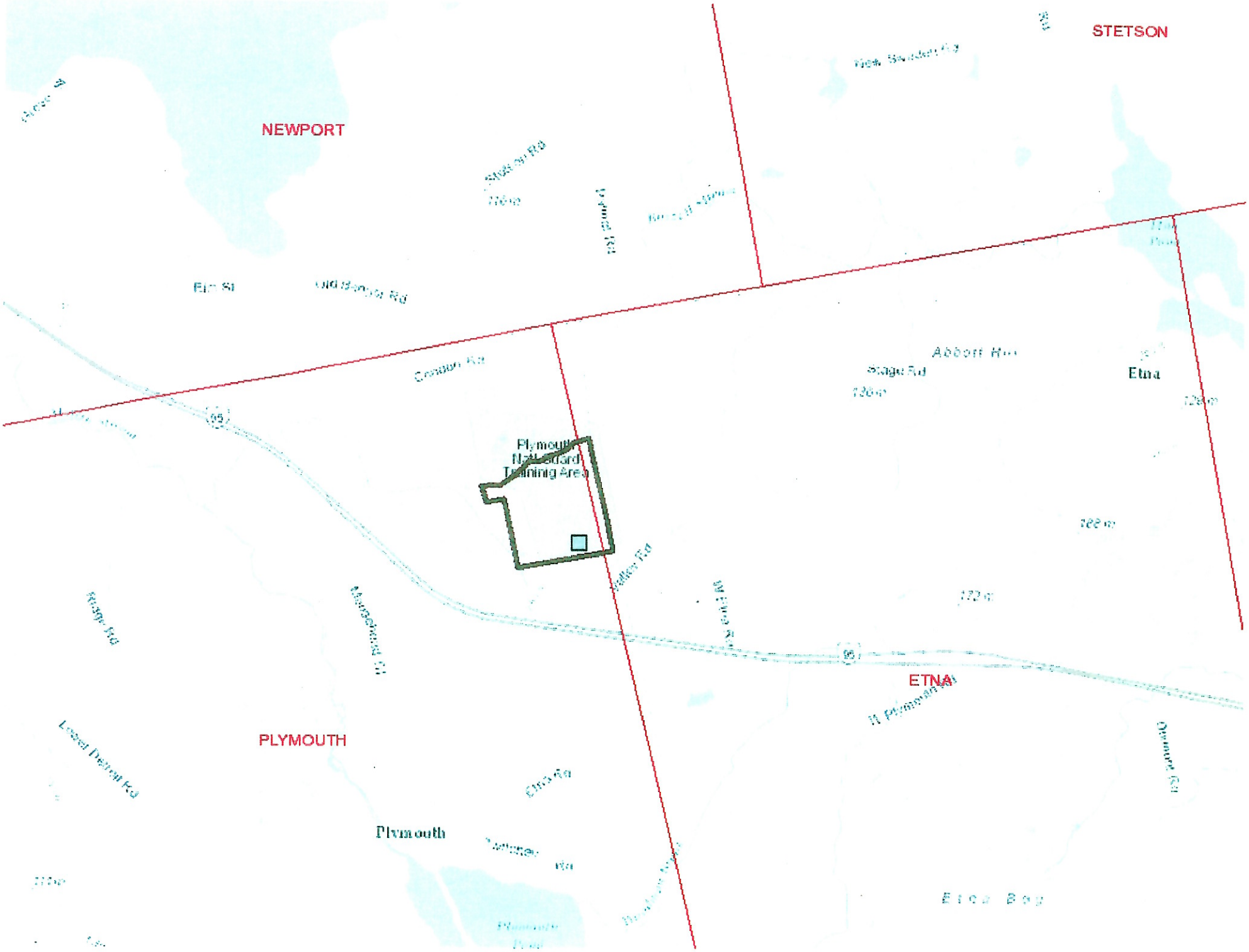
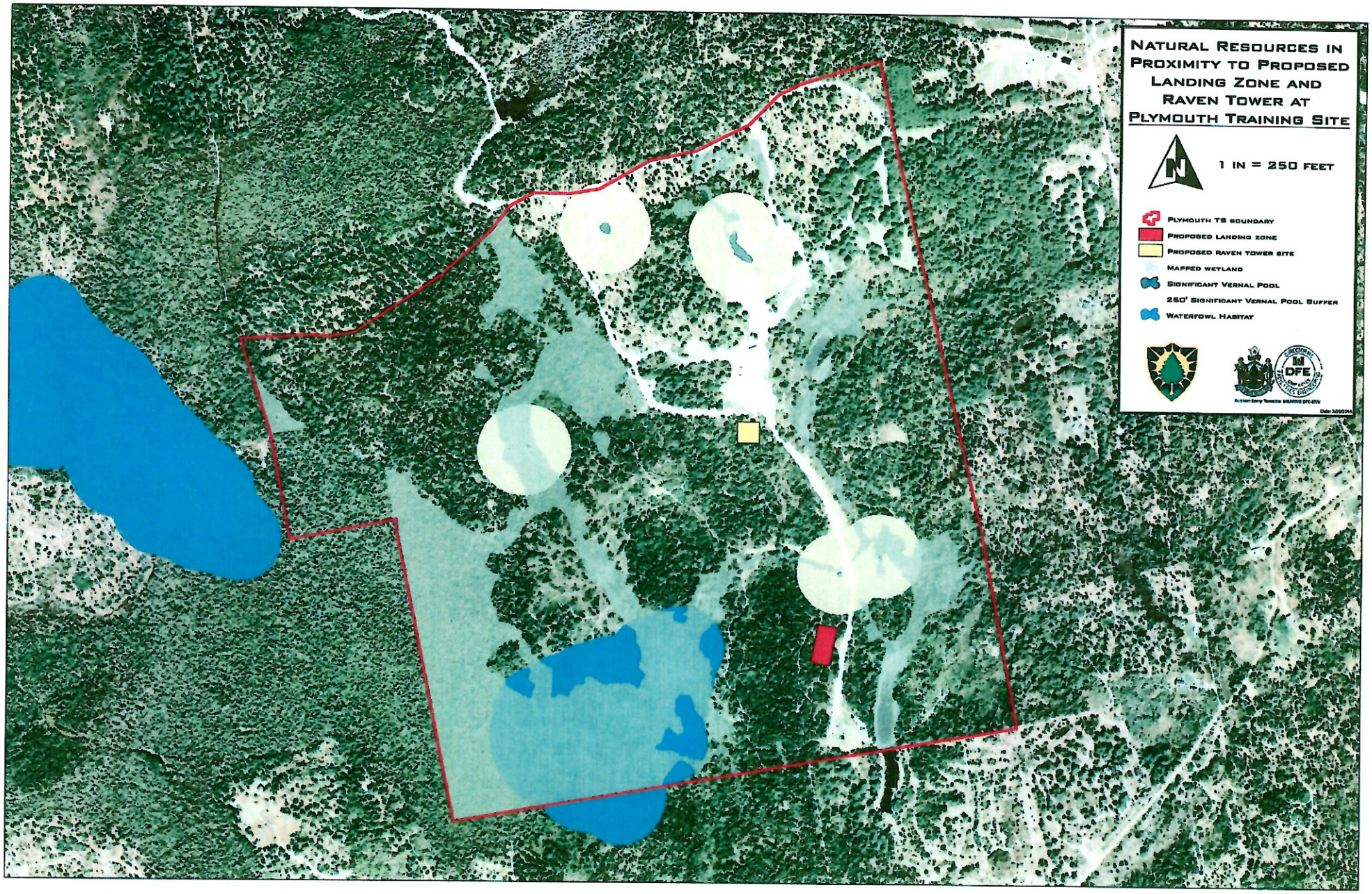
Signature of Proponent (Requester)	Concurrence: Environmental Program Manager
MAJ Shannon Cotta	Andrew Flint
Printed Name of Proponent (Requester)	Printed Name of Env. Program Manager
3/17/15	
Date Signed	Date Signed

Concurrence (as needed):

Signature of Landowner	Signature of Commander - DCSOPS
Printed Name of Landowner	COL Herbert J. Brock Printed Name of Commander
Date Signed	Date Signed
Signature of Facilities Officer	DUNN.DIANE.LYNN.1007178464 Digitally signed by DUNN.DIANE.LYNN.1007178464 DN: c=US, o=U.S. Government, ou=DoD, ou=PKI, ou=USA, cn=DUNN.DIANE.LYNN.1007178464 Date: 2015.03.26 13:09:16 -04'00' Signature of Commander - 120th RSG
COL Dwaine E. Drummond Printed Name of Facilities Officer	COL Diane L. Dunn Printed Name of Unit Environmental Officer
Date Signed	Date Signed
Signature of Natural Resources Manager	Signature of Cultural Resources Manager
Timothy Bickford Printed Name of Natural Resources Manager	Elizabeth Barton Printed Name of Cultural Resources Manager
17 MAR 15	17-Mar-15
Date Signed	Date Signed



STETSON
NEWPORT
Etna
Plymouth
Nat'l Guard
Training Area
ETNA
PLYMOUTH
Plymouth
Etna Bay


Natural Resources in Proximity to Proposed Landing Zone and Raven Tower at Plymouth Training Site
N
1 in = 250 feet
Plymouth TS boundary
Proposed landing zone
Proposed raven tower site
Mapped wetland
Significant Vernal Pool
250' Significant Vernal Pool Buffer
Waterfowl Habitat
DFE

Enviro Tracking #: 0	ARNG RECORD OF ENVIRONMENTAL CONSIDERATION

1. PROJECT NAME:

Plymouth Landing Zone and Raven UAV Observation Tower

2. PROJECT NUMBER: 23TC15-503	**3. DATE:** 17-Mar-15
4. PROJECT START DATE (dd-mmm-yy):	3-Feb-15
5. PROJECT END DATE (dd-mmm-yy):	12/31/2015 (construction)

6. DESCRIPTION AND LOCATION OF THE PROPOSED ACTION:

a. Location (Include Map):

Plymouth Training Site (see attached maps)

b. Description:

1. Design and build two (2) 120 by 120 by 1.5 foot gravel helicopter landing zone pads ("LZs") and one (1) 20 by 20 by 20 foot tall Raven UAV observation tower at the Plymouth Training Site ("TS");
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3. Conduct intermittent on-site Raven Unmanned Aerial Vehicle ("UAV") training within Plymouth TS airspace.

7. CHOOSE **ONE** OF THE FOLLOWING:

☐ An existing **Environmental Assessment** adequately covers the scope of this project.
EA Date (dd-mmm-yy) Conducted By:

☐ An existing **Environmental Impact Statement** adequately covers the scope of this project.
EIS Date (dd-mmm-yy Conducted By:

☑ After reviewing the screening criteria and completing the ARNG Environmental Checklist, this project qualifies for a **Categorical Exclusion** (select below).

Categorical Exclusion Code: **See 32 CFR 651 App. B** — C-1: Construction of an addition to an existing structure or new...

Categorical Exclusion Code: **See 32 CFR 651 App. B** — I-3: Intermittent on-post training activities (or off-post training covered...

Categorical Exclusion Code: **See 32 CFR 651 App. B** — J-1: Infrequent, temporary (less than 30 days) increases in air operations...

☐ This project is exempt from NEPA requirements under the provisions of:
Cite superseding law:

8. REMARKS:

Proposal meets the criteria give in CX (C-1), (I-3), and (J-1) provided that:

1. An erosion control plan is developed and executed until permanent stabilization is achieved.
2. MEARNG obtains all necessary permits, including a MEDEP SLODA permit, and complies with all permit requirements.

Signature of Proponent (Requester)	Concurrence: Environmental Program Manager
MAJ Shannon Cotta	Andrew Flint
Printed Name of Proponent (Requester)	Printed Name of Env. Program Manager
17-March-15	17-MAR-15
Date Signed	Date Signed