

Appendix N

Maryland Environmental Policy Act Checklist

**Martin State Airport Environmental Assessment
for Phase I Improvements**

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MARYLAND ENVIRONMENTAL ASSESSMENT FORM

		<u>YES</u>	<u>NO</u>	<u>COMMENTS</u>	
A	Land Use Considerations				
	1	Will the action be within the 100 year flood plain?	X	<i>See Section 5.14, Water Resources, Table 5.14.1 and 5.14.3 for impacts to due to Minimum Action Alternative and Sponsor's Preferred Alternative, respectively. See Figure 5.14-2 of the EA for Minimum Action Alternative encroachments on floodplains and Figure 5.14-5 of the EA for encroachments on floodplains due to the Sponsor's Preferred Alternative.</i>	
	2	Will the action require a permit for construction or alteration within the 50 year flood plain?		X	While proposed projects are within and adjacent to the floodplains, resulting in a floodplain encroachment, the projects would not be considered significant impacts as there would be no impact to the natural and beneficial value of the floodplains.
	3	Will the action require a permit for dredging, filling, draining, or alteration of a wetland?	X		<i>See Section 5.14, Water Resources, Table 5.14.1 and 5.14.3 of the EA for impacts due to Minimum Action Alternative and Sponsor's Preferred Alternative, respectively.</i>
	4	Will the action require a permit for the construction or operation of facilities for solid waste disposal including dredge and excavation spoil?		X	Fill and spoil materials are expected to remain on airport property.
	5	Will the action occur on slopes exceeding 15 percent?		X	

			<u>YES</u>	<u>NO</u>	<u>COMMENTS</u>
	6	Will the action require a grading plan or a sediment control permit?	X		A grading plan will be developed as part of the Sediment Control Plan. An Erosion and Sediment Control/ Stormwater Management Permit will be obtained from MDE. See <i>Section 5.14, Water Resources</i> of the EA.
	7	Will the action require a mining permit for deep or surface mining?		X	
	8	Will the action require a permit for drilling a gas or oil well?		X	
	9	Will the action require a permit for airport construction?	X		
	10	Will the action require a permit for the crossing of the Potomac River by conduits, cables, or other like devices?		X	
	11	Will the action affect the use of a public recreation area, park, forest, wildlife management area, scenic river, or wildland?	X		<i>De minimis</i> impacts to two parks, Turkey Point Park and Wilson Point Park, and four historic resources: the Glenn L. Martin Airport; Glenn L. Martin Company Plant No. 2; Planter's Paradise; and Stansbury Estates, Aero Acres, and southern Victory Villa subdivisions. See <i>Section 5.5, DOT Act, Section 4(f)</i> of the EA. FAA will make a final determination on the impact to these resources after public review of the Draft EA.
	12	Will the action affect the use of any natural or man-made features that are unique to the county, State, or nation?		X	
	13	Will the action affect the use of an archaeological or historical site or structure?		X	MHT concurred with FAA's determination that the proposed improvements would

			<u>YES</u>	<u>NO</u>	<u>COMMENTS</u>
					have no adverse effect on architectural resources. See <i>Section 5.8, Historical, Architectural, Archaeological and Cultural Resources</i> of the EA.
B	Water Use Considerations				
	14	Will the action require a permit for the change of the course, current, or cross section of a stream or other body of water?		X	
	15	Will the action require the construction alteration, or removal of a dam, reservoir, or waterway obstruction?		X	
	16	Will the action change the overland flow of storm water or reduce the absorption capacity of the ground?	X		See <i>Section 5.14, Water Resources and Appendix K, Stormwater Analysis</i> , as well as Table 5.14.2 and 5.14.4 for net impervious area for changes due to the Minimum Action Alternative and Sponsor's Preferred Alternative, respectively. Stormwater management will be designed and implemented in accordance with MDE guidelines and regulations.
	17	Will the action require a permit for the drilling of a water well?		X	
	18	Will the action require a permit for water appropriation?		X	
	19	Will the action require a permit for the construction and operation of facilities treatment or distribution of water?		X	
	20	Will the project require a permit for the construction and operation of facilities for sewage treatment or land disposal of liquid waste derivatives?		X	
	21	Will the action result in any discharge into surface or subsurface water?	X		See <i>Section 5.14, Water Resources</i> , Table 5.14.1

		<u>YES</u>	<u>NO</u>	<u>COMMENTS</u>
				<p>and 5.14.3 for impacts due to the Minimum Action Alternative and Sponsor's Preferred Alternative, respectively. See <i>Section 5.14.5, Mitigation</i> for avoidance and mitigation measures using stormwater management techniques. Preliminary stormwater treatment requirements for the proposed projects were determined in accordance with MDE's <i>Stormwater Management Guidelines for State and Federal Projects</i>. Potential treatment requirements were based on preliminary engineering estimates of changes in impervious areas and limits of disturbance. Concepts for SWM are discussed by drainage area, including use of ESD practices, structural BMPs, and use of overtreatment. See <i>Appendix K</i> for details on stormwater treatment requirements by watershed. At the time of design for each project, stormwater design would adhere to MDE guidelines and regulations. A Stormwater Management Concept Report would be provided during project design.</p>

			<u>YES</u>	<u>NO</u>	<u>COMMENTS</u>
	22	If so, will the discharge affect ambient water quality limits or require a discharge permit?		X	
C	Air Use Considerations				
	23	Will the action result in any discharge into the air?	X		The project-related emissions would not exceed the CAA/General Conformity <i>de minimis</i> levels for O ₃ or SO ₂ . Short-term construction impacts will be temporary. See <i>Section 5.1, Air Quality</i> .
	24	If so, will the discharge affect ambient air quality limits or produce a disagreeable odor?		X	
	25	Will the action generate additional noise which differs in character or level from present conditions?		X	The area within the 65+ DNL in the Proposed Action Alternatives' would be slightly smaller in 2021 and 2026 as compared to the No Action Alternative contours. The majority of the land use within the 65+ DNL noise contour is MTN property for all alternatives. Short-term construction impacts will be temporary. See <i>Section 5.11, Noise and Noise-Compatible Land Use</i> . Figures 5.11-1 through 5.11-6 illustrate the land use within the 2021 Minimum Action, 2021 Sponsor's Preferred, 2021 No Action, 2026 Minimum Action, 2026 Sponsor's Preferred, and 2026 No Action Alternatives, respectively.

			<u>YES</u>	<u>NO</u>	<u>COMMENTS</u>
	26	Will the action preclude future use of related air space?		X	
	27	Will the action generate any radiological, electrical, magnetic, or light influences?	X		The alternatives include new and relocated sources of light emissions, however it would not significantly change the light emissions from the Airport. See Section 5.13, <i>Visual Effects</i> of the EA.
D	Plants and Animals				
	28	Will the action cause the disturbance, reduction, or loss of any rare, unique, or valuable plant or animal?		X	No significant impacts are expected with implementation of avoidance, minimization and mitigation efforts, coordination with NOAA Fisheries would be conducted regarding any impacts to areas designated as EFH and HAPC/SAV within Frog Mortar Creek. See <i>Section 5.2, Biological Resources</i> , of the EA.
	29	Will the action result in the significant reduction or loss of any fish or wildlife habitats?		X	No critical habitat supporting either state- or federally-listed threatened or endangered species would occur. Any loss of forest and aquatic habitat would be mitigated, and coordination has been ongoing. Note that implementation of the Marking & Lighting Plan reduces the total vegetation removal required from approximately 111 acres to 69 acres for both Proposed Action

			<u>YES</u>	<u>NO</u>	<u>COMMENTS</u>
					Alternatives. See <i>Section 5.2, Biological Resources</i> , of the EA.
	30	Will the action require a permit for the use of pesticides, herbicides, or other biological, chemical, or radiological control agents?		X	
E	Socio-Economic				
	31	Will the action result in a preemption of division of properties or impair their economic use?		X	
	32	Will the action cause relocation of activities or structures, or result in a change in the population density or distribution?		X	
	33	Will the action alter land values?		X	
	34	Will the action affect traffic flow and volume?		X	
	35	Will the action affect the production, extraction, harvest, or potential use of a scarce or economically important resource?		X	
	36	Will the action require a license to construct a sawmill or other plant for manufacture of forest products?		X	
	37	Is the action in accord with federal, state, regional, and local comprehensive or functional plans—including zoning?	X		
	38	Will the action affect the employment opportunities for persons in the area?	X		Increased employment would be expected during the construction period.
	39	Will the action affect the ability of the area to attract new sources of tax revenue?		X	
	40	Will the action discourage present sources of tax revenue from remaining in the area, or affirmatively encourage them to relocate elsewhere?		X	
	41	Will the action affect the ability of the area to attract tourism?		X	
F	Other Considerations				
	42	Could the action endanger the public health, safety, or welfare?		X	

		<u>YES</u>	<u>NO</u>	<u>COMMENTS</u>
43	Could the action be eliminated without deleterious effects to the public health, safety, welfare, or the natural environment?		X	Eliminating the projects to remove Part 77 obstructions as well as several on-airfield projects would have deleterious effects to safety of airport operations, as well as the safety of the community would have deleterious effects.
44	Will the action be of Statewide significance?		X	
45	Are there any other plans or actions (federal, State, county, or private) that, in conjunction with the subject action, could result in a cumulative or synergistic impact on the public health, safety, welfare, or environment?		X	
46	Will the action require additional power generation or transmission capacity?		X	
G	Conclusion.			
47	This Agency will develop a complete Environmental Effects Report on the proposed action.		X	An Environmental Effects Report is not needed, as the NEPA review and documentation will satisfy the MEPA requirements.
Additional State Requirements				
48	Tree Impacts	X		<i>See Section 5.2, Biological Resources</i> for discussion of tree removal requirements and mitigation.
49	Chesapeake Critical Area	X		MTN is in the Chesapeake Bay Critical Area (CBCA). MDOT MAA has coordinated with the Critical Area Commission (CAC) extensively to discuss impacts and avoidance and minimization efforts within the CBCA. Final

			<u>YES</u>	<u>NO</u>	<u>COMMENTS</u>
					approval from the CAC for impacts and mitigation efforts will be required prior to construction or clearing within the CBCA. See <i>Section 5.4, Coastal Resources</i> of the EA.