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**E N V I R O N M E N T A L**  
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# Forest Management Plan Update Baltimore-Washington Thurgood Marshall Airport

**Location:** Anne Arundel County, Maryland

**Client:** Maryland Department of Transportation, Maryland Aviation Administration

**Description:** The Maryland Aviation Administration (MAA), the division within the Maryland Department of Transportation responsible for operations at Baltimore Washington International Thurgood Marshall (BWI) Airport, owns more than 3,200 acres of property associated with the airport, approximately 700 of which are forested.

MAA manages forest resources on BWI Airport property in accordance with both state environmental regulations and Federal Aviation Administration safety requirements. Straughan Environmental Services, Inc. (SES) prepared a Forest Management Plan (FMP) to help MAA maintain the health of its forest resources, fulfill FAA safety requirements, reduce the potential for wildlife strikes, and address provisions of the Maryland Forest Conservation Act.

The FMP serves as a planning tool that MAA can use to manage and maintain forest resources on its property in compliance with the provisions of the FCA and other pertinent regulations regarding airport management. The FMP includes:

- Regulations pertaining to maintaining forested areas and Federal Aviation Administration (FAA) regulations pertaining to safety;
- An inventory and assessment of existing forest resources on MAA-owned property;
- A summary of forest stands with potential airport maintenance/safety concerns;
- Maintenance strategies for eliminating safety concerns and maintaining forest resources; and
- Best Management Practices (BMPs) that MAA will incorporate into its maintenance operations.

SES prepared the FMP using:

- Information obtained from the *Final Forest Stand Delineation Report for BWI Airport* (URS Greiner, 1994), which identified 110 individual forest stands, and potential areas of concern within these delineated areas;
- Individual FSDs and Forest Conservation Plans prepared for development activities since 1994; and
- Data from supplemental field investigations.

MAA received an award from Anne Arundel County for its innovative Forest Management approach.