

ACTION: Emissions and Dispersion Modeling System (EDMS), Version 3.01

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ATTN: Environmental Specialists

The following information is provided to bring you and your environmental specialists up to date on the status of the Federal Aviation Administration's (FAA) Emissions and Dispersion Modeling System (EDMS).

On March 25, 1997, the FAA announced the release of an enhanced Version 3.0 of EDMS. Version 3.0 was re-engineered to offer more ease of use and analytical capability for airport and air base air quality assessments. Its Environmental Protection Agency (EPA) Preferred Guideline Model status is unchanged. On March 29, 1997, an updated Version 3.01 was released which incorporates two software corrections to Version 3.0, and on October 3, 1997, updated Version 3.02 was released which incorporates two additional software corrections. Particulars regarding Versions 3.0 and 3.01 are addressed in [Attachment A](#) and Version 3.02 in [Attachment B](#).

On October 3, 1997, The FAA Office of Environment and Energy (AEE-130) also issued a memorandum to all EDMS users (see Attachment B) transmitting among other information a supplement to the EDMS *Reference Manual* that describes enhancements incorporated into Version 3.0. The supplement also identifies modifications made to the model since EDMS Version 944B and their potential impacts on airport assessments. Environmental specialists should pay particular attention to this supplement so they have an appreciation of the differences between the earlier and current version of EDMS. [Attachment C](#) is a listing of Aircraft Default Engine Assignment in EDMS 3.0.

EDMS should be our preferred model for use in Environmental Assessments (EA) and Environmental Impact Statements (EIS) for airport actions. EDMS can, however, be supplemented with other models (e.g., MOBILE, CAL3QHC, and TANKS) whenever more rigorous analysis is needed. Modeling and the choice of which model or models to use is an issue that always needs to be discussed early during the EA/EIS scoping process. The Environmental Protection Agency and state and/or local air quality agencies should also be consulted.

We are happy to report that AEE has a new EDMS Program Manager on its staff. Ms. Julie Ann Draper joined AEE-120 in July and among other duties will be responsible for further development and management of EDMS. Ms. Draper can be reached by telephone at (202) 267-3494, by fax at (202) 267-5594, and by email at julie.draper@faa.dot.gov.

If there are any questions regarding the enclosed material as it applies to the Airports program and projects, please contact Ralph Thompson on my staff at (202) 267-8772.

Original signed by

Lynne S. Pickard

Attachment