



OSCAM AIR v4.0
Data Guide and Historical Dataset Reference
FY14 Historical Datasets

May 2014

Edition 1.0



FY14 OSCAM AIR Data Guide

INTRODUCTION

This document is intended to provide information about the inputs to the OSCAM Air model and the historical data used to populate the historical datasets. This version of the user's guide is specific to OSCAM Air v4.0 and the FY14 datasets.

Each input to the model is described in this document. Inputs can be found by sector and number. For each input the following information is provided:

- A definition of the input
- The data source(s) of the information in the historical datasets
- A description of the historical dataset methodology
- Specific notes about the input (if required)
- An example of what format data should be entered in (if required)
- The inflation index used to change base year dollars or constant to then year dollars

The FY14 OSCAM Air historical datasets are the most recent set of historical datasets published. The datasets contain information from VAMOSC for FY08-FY12. VAMOSC data elements are referenced throughout this document. For more information on any of the VAMOSC data elements, download the user's guide for the respective universes from the VAMOSC website, <https://www.vamosc.navy.mil/>.

Other data sources for the datasets include: Aviation Inventory Readiness Reporting System (AIRRS), the Aircraft Program Data File (APDF), the Manpower Cost Estimating Tool for Enhanced Online Reporting (METEOR), the NALDA (Naval Aviation Logistics Data Analysis) TEC (Type Equipment Code) Translator, and the Defense Energy Service Center's (DESC) JP5-fuel costs.

The FY14 historical datasets are kept in two databases: Fixed Wing and Rotary Wing. Each database contains data records for a number of individual Type/Model/Series (TMS).

Data records in the Fixed Wing database are:

- AV-8B
- C-2A
- EA-6B
- E-2C
- F/A-18A
- F/A-18C
- F/A-18D
- F/A-18E
- F/A-18F
- KC-130J
- P-3C

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Data records in the Rotary Wing database are:

- AH-1W
- CH-46E
- CH-53E
- HH-60H
- MH-53E
- MH-60S
- SH-60B
- SH-60F

The UH-1N was omitted from the FY14 datasets as it is being phased out in favor of the UH-1Y.

These specific TMS were chosen for datasets based on information provided from the NAVAIR cost community.

For the FY14 datasets, the majority of the data guide is contained in the following Excel file, with the various tabs corresponding to the OSCAM sectors.



Air V4 B16 Input List

Appendices

The personnel sector contains a mapping scheme which is too complicated to integrate smoothly into the Excel file above. The mapping contained in the file below captures the way that personnel were mapped from the outputs of the VAMOSC Military Personnel universe to the personnel categories used in OSCAM (pilot, NFO, maintenance, support, etc.)



Appendix
1-Personnel Mapping