



maintenance management order

SUBJECT: Work Hour Estimator Program (WHEP)
Version 2.1

DATE: March 26, 2001

NO: MMO-041-01

TO: 1. Area Maintenance Offices
2. Maintenance Capable Offices

FILE CODE: M

fhad:mm01021aa

This Maintenance Management Order (MMO) is to be used as an addendum to MMO-074-00; dated October 10, 2000, "Work Hour Estimator (WHEP)". This MMO transmits the revised Work Hour Estimator Program (WHEP), Version 2.1.

The principal changes in this version of the WHEP are:

1. Provides the capability to select "A", "B", or "C" severity levels for equipment with MMOs that provide these "condition-based" preventive maintenance procedures.
2. Incorporates data from equipment MMOs that have been issued since the last version of the WHEP.
3. Other minor improvements based on feedback from users.

A detailed listing of the changes is attached.

This MMO transmits the revised version of the WHEP application. The recommended system requirements to install the software are:

Software:

Windows 95/ Windows 98 / Windows NT 4.0

Hardware:

Pentium class system

20 MB of free disk space

32 MB of RAM

17" monitor capable of 800X600 resolution

CD-ROM drive

Keyboard and mouse

Direct any questions or comments concerning this bulletin to the HelpDesk, Maintenance Technical Support Center, P.O. Box 1600, Norman OK 73070-1600; telephone FTS 2000 (405) 573-2123 or toll free (800) 366-4123.

Rex M. Gallaher
Manager
Maintenance Technical Support Center
Maintenance Policies and Programs

Attachments: 1. Workhour Estimator Program, Version 2.1
2. Changes to WHEP Version 2.1
3. WHEP 2.1 User Notes

ATTACHMENT 1**WORKHOUR ESTIMATOR PROGRAM, VERSION 2.1**

Version (2.1) will only restore backups made in this version (2.1) and the previous Version 2.0.0B3. It is expected that by now, all offices will have updated to Version 2.0.0B3.

If your office is running any other version, it will be necessary to upgrade to Version 2.0.0B3, make a good backup, install Version 2.1, then restore the previous backup into version 2.1. The alternative is to enter all data from scratch.

Once 2.1 is installed, Restore only works on backups made from Version 2.0.0B3 and Version 2.1

New in this release (Version 2.1)

1. Provides capability to estimate staffing for "A, B, C" severity levels where PM MMOs are available.
2. Provides capability to estimate staffing for additional equipment where MMOs have been recently issued.
3. Provides a report highlighting equipment changes which is generated whenever a package is restored from Version 2.0.0B3 to Version 2.1 This report will highlight the changes and provide instructions and assistance to the user as to what areas need to be verified.
4. Added a "sign off" sheet to the reports available. Also, it can be printed from a menu selection.
5. Provided capability to input more than four chillers or boilers. (Previous version was limited to four.)
6. Removed "migrate from previous version" and "VMARS path" from menu options.
7. Provided capability to delete all Sta/Br simultaneously.
8. Corrected problem where some FMO hours did not restore properly after having been backed up.
9. Many miscellaneous "fixes" in response to field feedback.
10. Added 'HOT KEY' Commands to many menu items for faster and easier screen opening.

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ATTACHMENT 2**CHANGES TO WHEP VERSION 2.1**

ACRONYM	CLASS	MMO	EQUIPMENT DESCRIPTION / BASIC CHANGES MADE
AFCS	AB	MMO-011-01	Advanced FC System ECA 885/ With ISS-Updated to ABC checklists according to MMO and changed available frequencies.
BME	AA	MMO-052-99	Business Mail Evaluator - Automated Barcode Evaluator- Corrected acronym from ABE to BME and changed description to match equipment class.
CFS	DA	MMO-072-00	Computerized Forwarding System - Non-Mechanical Term- Added new MMO for the four primary equipment classes - DA, EA, FA, GA.
CFS	EA	MMO-072-00	Computerized Forwarding System - Mechanical Term- Added new MMO for the four primary equipment classes DA, EA, FA, GA.
CFS	FA	MMO-072-00	Computerized Forwarding System - Flats Forwarding- Term Added new MMO for the four primary equipment classes DA, EA, FA, GA.
CFS	GA	MMO-072-00	Computerized Forwarding System - Forwarding Control System- Added new MMO for the four primary equipment classes DA, EA, FA, GA.
DBCS	AA		Delivery Barcode Sorter - ECA Model 990 with 102-306- This equipment class has been removed.
DBCS	AB	MMO-010-01	Delivery Barcode Sorter - ECA Model 990 with 102-306- Updated to ABC checklist according to MMO and corrected the equipment class.
DBCS	CB	MMO-013-01	Delivery Barcode Sorter - ECA Model 994, 995 and 996- Updated to ABC checklist according to MMO and changed equipment class.
DCP	BA	MMO-076-00	Optical Scanner- Added according to the new MMO.
FCS	AA	MMO-009-88	Flats Canceler Stacker, All Types & Models- Added MMO reference.
ICS	AA	MMO-075-00	Identification Code Sort- Added according to the new MMO.
IDUCT	BA	MMO-058-98	Belt Driven Sack Induction Station (BDSIS)- Enabled days/week in accordance with MMO criteria.

ACRONYM	CLASS	MMO	EQUIPMENT DESCRIPTION / BASIC CHANGES MADE
MPFSM	BC	MMO-021-01	Multi-Position Flats Sorting Machine - Model 881 With FMOCR- Updated to ABC checklist for 881 according to MMO, corrected equipment class, and added OCR.
MPFSM	CA	MMO-116-99	Multi-Position Flats Sorting Machine - Model 1000- Corrected the equipment class for this description.
OCRCS	AD	MMO-12-01	Optical Character Reader, MLA*-ISS- Updated to ABC checklist according to MMO.
OCRCS	BE	MMO-019-01	Optical Character Reader, MLB-ISS- Updated to ABC checklist according to MMO.
PPC	AA	MMO-005-1	Conveyor, Portable Powered, Model CF-89, All- Corrected work hours to current MMO.
RCULL	BA	MMO-006-01	Dual Pass Rough Culler (DPRC)- Corrected work hours to current MMO.
SBCS	AC	MMO-007-01	Small Barcode Sorter - ECA/WEC with WABCR/OSS/ICS- Updated to ABC checklist according to MMO.
SPBM	AA	MMO-106-99	Small Parcel and Bundle Machine- Disabled 'annual run hours' field.
TT			Tray Transport- Removed inventory, must now be entered under OTHER.

ATTACHMENT 3**WHEP 2.1 USER NOTES**

1. When a package has been “restored” successfully into WHEP2.1, a screen will appear:
“A report has been generated and will now print.
Verify your printer is on before proceeding”
2. Click “OK”, the Restore Report will be printed and another screen will appear;
“Your information has been restored correctly.
Remember to re-select the facility you wish to work with.”
3. Click “OK” and make your facility selection from the screen that appears.
4. Go to Inputs/Mail Processing/Misc Equip-2A. Everything in this section should have restored exactly the same as it appeared in Version 2.0.0B3.
5. Go to Inputs/Mail Processing/Major Equip 2B. If you have any ABC equipment that is listed on the Restore Report, click on the quantity associated with that acronym, then go to the appropriate Worksheet. A flag will appear:
“System will update files from previous version”.
Click “OK”. The “Days/Wk” for all “ABC” equipment under that acronym will change to “5A” which is 5 days per week, severity “A”. Make the correct selection for this field in accordance with the appropriate equipment-specific MMO.
6. If the item is not an “A, B, C” item, the days/week will change to “5” and again, should be reset as required.
7. For those new items which are not dependent on days per week, click on the quantity associated with that acronym, then go to the appropriate Worksheet. A flag will appear:
“System will update files from previous version”.
Click “OK” and these items are automatically corrected without further user input.
8. In version 2.0.0B3, you may have entered some equipment under “Other Requirements” that are now listed in Major Equip-2B. Be sure to delete these items from “Other Requirements” after you have made the appropriate entries in 2B.
9. The only impact on Bldg. & Bldg. Equipment from this release is that you now have the capability to add more than 4 chillers or boilers on Form 4895.
10. There is no impact on Building services or Field Maintenance Operations.
11. The Maintenance Operation Support numbers may change depending upon the extent of other changes (i.e. ABC) in the package.
12. The Workhour Summary (under Inputs) may also require adjustments.