
Version 5.11a to 5.11m Releases

This information covers update versions **5.11a to 5.11 M**. Please note that this file may not be current. You should check the version 5 section of our website, at http://www.tangoware.com/Version5/Version_5.htm (http://www.tangoware.com/Version6/version_6.htm) for the most up-to-date Update details

Version 5.11 M released Mar-06-2007

- ▶▶ **337 Form, Rev. 10-06** - modified the behavior of the "Date" block on the back page of the 337 at the top of Block 08. This date field was originally programmed to use the Conformity Date, and now instead uses the "337 Date" from the Main page of the 337s form. This modified behavior is consistent with the Date used at the top of Block 08 on the 337 Form, Rev. 12-88.
- ▶▶ **Environment > Date** - fixed problems where users with a date format other than American were experiencing problems using the italic pop-up calendar date selector. This was especially a problem for the Work Order Closed Date as users were forced to use the pop-up calendar to choose their Close Date.
- ▶▶ **Other** - miscellaneous custom modifications

Version 5.11 L released Feb-13-2007

- ▶▶ **337 Form, Rev. 10-06** - completed modifications to include the newest printout for FAA Form 337, Rev. 10-06, in AVM-2000. Print choices still exist to print the 337 form Rev. 12-88 as well, in the event that an "old" 337 may need to be printed.
 - * Some new fields/choices were added such as Aircraft Series, a new choice for 6 B - "Certified Maintenance Organization", a new choice below 6 D - "Extended range fuel per 14 CFR Part 43 App. B", and a new choice for 7 Approval BY - "Maintenance Organization". These choices only affect printouts for form Rev. 10-06.
 - * A new Series field was added to the Aircraft Database > Main page, and if populated, will be auto-filled into the new 337 Series field when the Tail # is selected.
 - * Some fields left in the 337 form are no longer used on the new form Rev. 10-06 and a notation is provided on the screen to indicate this. These fields will only work for printouts for form Rev. 12-88.

- * Some changes were made in the 337 Configuration to accommodate changes on the new form.
- * Formatting changes were made to the Address auto-fill for Registration Address and Block 6 A - Agency per the new form Rev. 10-06. 1 line prints with the street address, 1 line with the City and State, and the last line with the Zip Code and Country. This change will only affect new 337 forms created. (NOTE: If Block 6 A - Agency is auto-filled, the Country used comes from the main Company Address configuration under Admin > Global Config > General > 1 Company Information)
- * Users with 337 Templates may need to update their Templates to accommodate the new form requirements, in particular, Block 6 A - Agency Address.

Specific questions about the effective date for use of this new form, and how to properly fill out the form, etc., should be referred to your local FAA person.

Version 5.11 K released Feb-09-2007

- ▶▶ **Environment > Date** - fixed problem where selecting a date format other than American still printed the dates in American format on most printouts
- ▶▶ **General Ledger** - fixed obscure problem where properly configured accounts would sometimes not show in the GL Picker or on some Reports

Version 5.11 J released Jan-10-2007

- ▶▶ **Invoices > GL AutoLoad Feature** -- fixed problem where GL AutoLoad would issue a non-recoverable error when using the Invoice Default Shipping configured GL account number

Version 5.11H released Jan-09-2007

- ▶▶ **WO Convert to Invoice** -- fixed problem where all aircraft data was not being copied over to the Invoices (Make, Model & Serial # were missing)
- ▶▶ **Screen Size & Position** - new configuration choice for each workstation. Located under the Admin > Local Config > General > Appearance & Navigation. Turning on the new choice to Remember Screen Size & Position will make it easier for those monitors run at a higher resolution to consistently open AVM-2000 to the same screen/window size and same position on the desktop every time AVM-2000 is opened.
- ▶▶ **Vendor Adjustments > Print** - fixed intermittent non-recoverable program error when printing multiple Vendor Adjustments
- ▶▶ **Invoices, P & E's, Customer Adjs, Customer CM's, Customer Deposits, Customer Payments, Vendor Checks, Vendor Payments Made, Vendor Adjustments** - fixed obscure, intermittent error where the POST button would sometimes give the message "Posting Function has been stopped / not completed" even when all necessary fields were properly filled in, etc.

Version 5.11G released Dec-12-2006

- ▶▶ **Reports > Aircraft > Inspection Letters** -- fixed problem where some customer names were "clipped off" on the Inspection Letters and did not print entirely
- ▶▶ **8130's > Printing** - fixed problem where selecting new Dual Release option did not properly print blocks 21 to 23.

Update 5.11f was released on Nov-22-2006

- ▶▶ **Work Orders - Closing and Converting to Invoice protection** - now stops users from Closing or Converting a Work Order if any other user has the Work Order open on their computer. This will prevent errors where the Close Date and/or Invoice # were not being saved in the WO Main Page, etc.
- ▶▶ **Work Orders - Multi-User Task protection** - new configuration option allows users to "lock" individual Work Order tasks to prevent more than one user from editing a task at one time. This will help significantly with data loss by keeping one user from overwriting the work of another user. See Admin > Global Config > Work Orders > General > Main > Protect against multiple users. Users can still work on different tasks in the same Work Order, or make entries from the WO Quick Labor and WO Quick Parts forms into a task that another user has open.
- ▶▶ **Invoice Browse** - now warns user with text "Needs Calc" in the TOTAL column if a Work Order has been converted to an invoice and the tax calculations have not yet been done on the Invoice. Viewing the invoice, or printing the invoice, will calculate the taxes, and make the TOTAL display on the Browse page.
- ▶▶ **Invoices > Print Range of Invoices** - improved to now completely pre-process and re-calculate all Invoices before printing. This will prevent an isolated problem where some users had invoices in the print range that did not print the taxes.
- ▶▶ **8130's** - now allows Dual Release in Block 19
- ▶▶ **WO Quick Labor** - fixed intermittent problem with the Delete button on the Browse page. AVM-2000 sometimes did not let users delete labor entries.
- ▶▶ **Help Files** - the AVM-2000 Help Files and User's Guide (PDF) were updated to include the instructions for using the new Work Order multi-user protection functions, etc.

Update 5.11e was released on Oct-27-2006

- ▶▶ **P & E's Shop Printout - (P & E's > Main > Print > 1)** - fixed problem where Balance Remaining calculation was incorrect on Work Order Requisition items
- ▶▶ **ATC Entry Form [F9]** - If configured, now allows Employees to enter Sick, Vacation, Personal and Comp Time entries. Entries must not exceed time in the "Bank", and supervisors must still Authorize the Times / Entries in the ATC Maintenance Form.
- ▶▶ **Work Orders > Browse** - now has new column "I" with checkmark to indicate if the Work Order has been Invoiced. If no checkmark in this column, the WO has not been invoiced.

Update 5.11d was released on Oct-06-2006

- ▶▶ **Fixed Wing W & B** - added your company's Line 2 Address to the Header of the W & B Printout
- ▶▶ **WO Quick Labor** - added new program code to prevent users from saving Labor entries to DELETED Work Order tasks
- ▶▶ **ATC Form** - added new program code to prevent users from saving Labor entries to DELETED Work Order tasks

Update version **5.11c** was released on Aug-31-2006

- ▶▶ **Aircraft** - now prevents users from saving a record with a BLANK Tail #
- ▶▶ **Aircraft** - now prevents users from CHANGING a Tail # that is BLANK. (User must delete the blank Tail # entry and create a new record.)
- ▶▶ **Aircraft** - added program code to prevent duplicate entries from showing on the Aircraft Inspection Lists when an Aircraft entry has a BLANK customer code
- ▶▶ **Customers & Vendors > Contacts** - added program code to prompt users to SAVE an un-saved record to allow adding a new contact entry

Update version **5.11b** had no public release

Update version **5.11a** was released on Jul-18-2006

- ▶▶ **Work Orders > Browse page** - added new column for Invoice # on the far right of the grid
- ▶▶ **Work Orders > Browse page** - added new highlight function to easily see the status of a Work Order. YELLOW = open; GREEN = Closed, NOT Invoiced; WHITE = Invoiced
- ▶▶ **Work Orders > Tasks > Print** - fixed problem where Work Order printouts did not always print correct Finish Date.
- ▶▶ **Transactions > Vendor Checks & Payments > Clear P & E's** - added a new column for Pending Payments
- ▶▶ **P & E's > Print** - fixed problem where PO Vendor and Shop Printouts were not printing TERMS for the PayTo Vendor
- ▶▶ **CHANGE Buttons** - added new text warning to CHANGE buttons in Customers, Vendors, Aircraft, Employees and Inventory to warn that all other users should be closed out of the AVM-2000 to prevent any problems with the Change function

5.10b to 5.10U Updates

This 5.10 Update Releases section covers updates release from 5.10b, July-2005, to the most current update version 5.10z, June-2006. (Release notes for our initial upgrade release for the new version 5, version 5.10a, can be found in the *Upgrade 5.10a* (see "Update 5.10 a - Initial Release June 2005" on page 64) section.)

The most up-to-date release notes can always be found on our website in the *Version 5 Upgrade* (http://www.tangoware.com/Version6/version_6.htm) section.

Update version **5.10z** was released on June 21, 2006.

- ▶ **Databases > Inspection Items Master** - Added program code to prevent users from making duplicate entries.
- ▶ **Databases > Inspection Items Master** - Added new "CHANGE" button to allow users to change the name / description of an existing Master Item. This name change carries over and updates the Item name for every individual entry assigned to each aircraft for the "changed" Inspection item.

Update version 5.10Y was not publicly released.

Update version 5.10X was not publicly released.

Update version **5.10W** was released on May 08, 2006.

- ▶ **Invoices > Printing** - Fixed intermittent problem from versions 5.10U & 5.10V where some workstations would not print Invoices

Update version **5.10v** was released on May 05, 2006.

- ▶ **Invoices > Flat Rate Parts / Tax Calc Problem** - Fixed error from version 5.10M where taxes were calculated on every individual part's Sell price instead of on the Flat Rate Parts price (when Flat Rate Parts price was used). (Note: See detailed Email notice for more specific information.)
- ▶ **WO Quick Parts / ATC - NEW** - checkbox was added to form to allow users to "look up" which WO # the employee is currently logged into; or if un-checked, the WO # does not get looked up. Also fixed refresh problem where WO # did not update with each new Ecode entered
- ▶ **Print to File - Limit Email list to Code** - fixed problem where the "limit to" function was not restricted to exact matches on the code. (Example: Limit to CHTA would also show email addresses for CHTA1 and CHTAN, etc.)

Update version **5.10u** was released on April 19, 2006.

- ▶▶ **Optional Print-to-File module** - New - Evaluate our new *Print-to-File* (see "Print to File (Optional Module)" on page 759) optional module. Allows you to create PDF, RTF, HTML, DOC & XLS (2000) and TXT files from many AVM-2000 printouts. Email any of these created files directly out of AVM-2000 with no additional software necessary ! See new choice in many *Print Picker* (see "Print Picker Window" on page 126) windows.
- ▶▶ **Invoices > Print > 2 Range of Invoices (for Print Direct to Default Printer)** - Fixed error from version 5.10S where printing a range of invoices would incorrectly print the same name and address on every invoice in the range
- ▶▶ **Work Orders > Details > Update Aircraft Records** - Modified the pop-up confirmation window for this function so that users will see a better picture of what the changes to the Aircraft records will be.
- ▶▶ **Right-click for Phraser** - Modified - Now stops users from highlighting a block of text, and then overwriting the highlighted text with a Phrase. This will prevent problems where users would inadvertently overwrite existing text with a Phrase and would be unable to "Undo" the Phrase insertion. Users will now need to delete any unwanted text before inserting a phrase.
- ▶▶ **Quotes > Text & Details** - New - option to include Text for import into a Work Order's Task Discrepancy field. A default option for this is available in the *Quote Configuration* (see "Configuration / Setup - Quotes" on page 831) section.
- ▶▶ **Work Orders > Details > Print > A Shop Teardown 3** - Fixed - problem where the configured WO Form # was not printing properly on this printout.

Update version 5.10T was not publicly released.

Update version 5.10S was released on March 14, 2006.

- ▶▶ **Invoices > Parts screen** - fixed intermittent problem where incorrect subtotals would sometimes display on the Invoice Parts page screen. Note: All printouts, etc. still print correctly, even if the screen shows incorrect subtotals.
- ▶▶ **Work Orders > Main page > Print** -- when WO's are configured for SINGLE appliance use only -- fixed intermittent problem where sometimes the task printouts would not correctly display the FAA Repair Station text

- ▶▶ **Optional Label Printing module** - fixed problem from 5.10Q where label printing would only print a single label; even when multiple labels were selected to print. (Note: By fixing this issue, another issue has resurfaced where SKU labels cannot be printed from the Print Preview window directly in the Inventory module. SKU labels printed directly in the Inventory module must be printed using the Print Direct to Default printer option. CTI is still trying to find a fix for this issue.)

Update version **5.10R** was released on March 09, 2006.

- ▶▶ **Invoices > Printing** - fixed problem from version 5.10Q only where the Terms is not printing correctly on invoices
- ▶▶ **Warranty Claims & Warranty Apps** - fixed intermittent problem where some users would experience a message on opening the Warranty Claim or Warranty Applications forms: "Before leaving this window, changes were made but not saved. You can either cancel these changes or make additional changes and then save the record." This would then cause the user to be unable to edit any existing records or add any new records.

Update version **5.10Q** was released on March 6, 2006.

- ▶▶ **Admin > Local Config > Modems & Dialing** - added new button to test Modems available for dialing
- ▶▶ **Admin > Local Config > Printing > Thermal Labels** - added new option to set the default for Label Printing to Screen Preview or Print Direct. (Note: This is separate from the choice for standard printing)
- ▶▶ **Admin > System Info > Troubleshoot** - added new "Available Drives" button for help with technical support issues.
- ▶▶ **Label Print Picker Windows** - added new text below each label size showing the printer / driver that will be used to print that specific label
- ▶▶ **Work Orders > Other > Add Trade to Inventory** - fixed intermittent problem where a non-recoverable error would sometimes occur
- ▶▶ **Work Orders > Tasks > R-click to chg Task Type in grid** - was not properly updating the Print RTS and Hrly Rate fields on the Details page of the Work Order. (Note: Changing the task type on the Details page itself DID work correctly.)
- ▶▶ **Work Orders > Details > Print Label** - fixed problem where printing a Work Order Component ID label directly to the default printer sent the label output to the AVM-2000 Standard Printer instead of the Thermal Label printer
- ▶▶ **WO Quick Parts** - added new choice to "After a Save Jump to" drop-down for "WO BarCode" for users with barcode scanners
- ▶▶ **WO Quick Labor** - added new choice to "After a Save Jump to" drop-down for "WO BarCode" for users with barcode scanners

- ▶▶ **Work Orders > Reqs** - added new functionality to WHS field for qualified drop-down list. Now users must choose their WHS from the drop-down list rather than type the WHS manually.
- ▶▶ **PO Quick Reqs** - added new functionality to WHS field for qualified drop-down list. Now users must choose their WHS from the drop-down list rather than type the WHS manually.
- ▶▶ **Inventory > Label Printing** - fixed problem where previewing a label on-screen would cause a "Variable 'pnum' not found error.
- ▶▶ **Invoices > Taxes** - addressed issue where under certain, specific conditions, taxes were not calculated on every invoice. This problem occurred when an Invoice Type was not selected, and the Tax Configuration was not completely and properly filled out. Users are now prevented from printing or posting an invoice unless a Type is selected to prevent this problem from occurring.

Update version **5.10 P** was released on February 21, 2006.

- ▶▶ **Databases > Aircraft > Inspection Data** - MODIFIED - Made changes to how Inspection Items are managed in the Inspection Items grid list. Previously, all items were added / edited directly in the grid using the EDIT button to turn grid editing ON or OFF. New functions shut down all editing in the grid, making it Read Only. Users now get a pop-up editing form to enter all data for an inspection item. All fields of information still remain visible in the grid as they always have been. These functions were modified to prevent problems with selecting and editing items in the grid. The Help > AVM-2000 Help and the Open User's Guide (PDF) were updated to reflect the changes made
- ▶▶ **Admin > Global Config > Work Orders > 3 Other Types > Default** - FIXED - Configuration option to mark one item as the default was not working. Now users who have selected a default item in the Other Types will have the WO Other line items automatically populate with the default entry. Each entry may still be modified manually by choosing a new item from the WO Other "Type" drop-down

Version 5.10 O-- no update release

Update version **5.10N** was released on February 13, 2006.

- ▶▶ **Admin > Global Config > General > 2 Miscellaneous (see "Miscellaneous (Global Config)" on page 115) > Navigation & Advisories > Find Most Recent** - NEW -- Option available to locate "most recent" (newest) entries in Browse > Search fields, instead of first (oldest) entry in the list. Example: Company CHTA has 1200 Work Orders in your Work Orders database; some dating back to 2001. When this option is turned "on", the search field for Customer Code = CHTA will locate the newest, most recent Work Order in the list instead of the first Work Order they had done in 2001. This works in Work Orders, Invoices, P & E's, Log Books, etc. for Customer Codes, Vendor Codes, Tail #'s, etc.
- ▶▶ **Email Error to CTI** (see "Email Error Information to TangoWare" on page 172) - FIXED - intermittent problem where auto-generated was incorrect for emailing error information to TangoWare.
- ▶▶ **General** - NEW - Warning text for messages "This record has skipped ID #'s . . ." modified to include text that another user may have created and not saved a new record. (This issue occurs in multi-user versions of the program only.) Lets the user know that there may not be a real problem with the numbering scheme -- there may just be a user who started a new record in that module and has not yet saved that new record. Users should be reminded to save all new records as soon as they are created to avoid this problem in multi-user installations.
- ▶▶ **General** - NEW - Automatic Font Installation - Startup of AVM-2000 verifies that all fonts required by AVM-2000 are installed at the workstation. If a font is found to be missing, the font is automatically installed for the user.
- ▶▶ **General Ledger** - Fixed - problem where copying an existing POSTED adjustment also copied the POST DATE information, making the new adjustment un-editable and un-postable.
- ▶▶ **P & E Config** - NEW - increased entry fields to hold 9 digits for PO, RO & RGO auto-incrementing numbers.
- ▶▶ **WO's > Exchanges & Repairs** - NEW - increased Description field to hold 35 chars (similar to Inventory > Description field).
- ▶▶ **WO's > Labor pg** - NEW - when "Hide Employee Hrly Costs" (*Admin > Global Config > Work Orders > General > Main* (see "Work Orders General Configuration" on page 941)) is turned on, the "Profit" Total field no longer displays on-screen. (This protects more data and forces the Labor page to behave more like the Tasks page totals.)
- ▶▶ **WO's > Tasks > Add > Move (Transfer) Task** (see "Adding New Tasks to Work Orders" on page 955) - MODIFIED - now checks that no one is logged into the ATC (Time Clock) in the task being moved. The user is stopped and will not be allowed to move the task if an employee is logged into ATC in the task being moved.

- ▶▶ **WO's > Equip & Parts** - NEW - when a task has been marked as a Template, users will now have the option to deplete Inventory or not on the Equipment or Parts pages of the Work Order. A new checkbox option for "This task is a template, deplete Inventory" can be found at the top of the Equip & Parts pages, only for tasks marked as templates. This allows users to set up a "dummy" task Template without affecting on-hand Inventory; or users may choose to deplete the items from Inventory if the task is a "real" task and not just a "dummy" template.
- ▶▶ **WO's > Main pg** - FIXED - problem where users could not manually type 6 characters into the Customer Code field; they were forced to choose 6-digit codes from the italic pop-up list.
- ▶▶ **Help files** - NEW -- added new "Update Release Notes" section to the User's Guide and on-line CHM Help so that users have quick and easy access to the list of new items included in the updates.

Version 5.10 M released Dec-22-2005

- ▶▶ **Inventory Kitting** - NEW Module -- a new function is available to "kit" inventory parts together to create your own new inventory parts. Available for serial or non-serial items. Inventory parts used to create the kit will be depleted from Inventory upon Kit creation. The newly created kit part will be added into the Inventory as a new part. Options and choices available for cost and list pricing, inventory control of BOM (Bill of Materials) items and more. Create a set of Master Kits for ease of use, or copy existing kits to easily create new kits. Picklists may be printed for pulling BOM (Bill of Materials) items from your stock.
- ▶▶ **Inventory Tax Exempt** - NEW - added choices to make individual inventory part #'s exempt from tax when the part is invoiced. See the Databases > Inventory > Other page, and see the Invoices > Parts & Equipment grid (new fields added - scroll to the right). Monthly tax reports note exemptions from tax. Some inventory reports may be restricted to tax exempt items. See the Help > AVM-2000 Help menu choice for more specific information about this new feature. This function may be used to exempt items from Tax 1, Tax 2, Tax and/or Tax 4.
- ▶▶ **Inventory (when WareHouses in use)** - NEW - function available for serialized WHS transfers allows users to transfer a part from one part # + WHS combination (ie: ABCD ^ RPR) to an entirely new part # + WHS combination (ie: ABCD-1 ^ REB).
- ▶▶ **Inventory (when Batches in use)** - NEW - added new button to Inventory > Batches page to make a Batch part become "Standard", so that the user can then make the part into a Serialized part if necessary

- ▶▶ **PO Receive / Inventory** - NEW - Price Averaging for Cost & List values may be turned on for PO Receipts of standard (non-serial, non-batch) inventory items. This function is turned OFF when you first update your AVM-2000, and must be turned on in the Admin > Global Config > Inventory > 1 General > Main page if you wish to use it.
- ▶▶ **Inventory > Serials & Batches** - NEW - increased the field length / viewing size of the Notes field
- ▶▶ **Work Orders Task Statuses** - NEW - configuration option available to populate the Work Order > Details page's Current Status with your own list of statuses. Delete statuses not used to shorten the list, or add new ones to better organize your jobs. See the Admin > Global Config > Work Orders > 5 Task Status Types for more information. Note to users with Security: This is a new menu option, and applicable users will need to be granted access to this new menu option.
- ▶▶ **Employee Labor Reports** - NEW - choice available to exclude a specific Task Type from report. See the Reports > Employees > 2 Labor Summary. This function would be especially useful to exclude SHOP Tasks from the Efficiency reporting (this would only work if all SHOP tasks are assigned one specific task type).
- ▶▶ **ATC Maintenance** - FIXED - problem where some overtime choices may not have been respected. This problem only involved the option for "start OT after XX hrs / week", and was only a problem if "40" was not entered into the hours. OT was not properly calculated for anything other than "40".
- ▶▶ **ATC Maintenance** - FIXED - problem where on-screen Totals at bottom of the ATC Maintenance > Main page did not always "refresh" properly when an entry was edited.
- ▶▶ **ATC Maintenance** - NEW - modified the ATC Maintenance > Main > Edit buttons so that users entering times in the HH:MM:SS fields did not have their times adjusted once the HH.MM field was populated.
- ▶▶ **ATC Maintenance** - NEW - modified the Time Sheet printout (Databases > ATC Maintenance > Main > Print) to now say "YES" or "NO" in Authorization column to make it easier to tell if the times are authorized or not
- ▶▶ **Invoices > Parts & Equip** - NEW - the grid is now "scrollable" for viewing even after posting
- ▶▶ **Invoices > Main > Print > Shop Details** - FIXED - problem where tax explanations for Taxes 2, 3 and 4 were not printing on this printout
- ▶▶ **8130's** - NEW - increased length of part # and serial # fields to 20 chars. Printouts print full 20 characters for both fields.
- ▶▶ **Monthly Totals > Tax (Sales)** - FIXED - problem where printing the Tax Reports did not correctly print the Net Taxed Amount if any OW was exempt from Tax. On-screen reports showed this value correctly.

- ▶▶ **Customer A/R Statements - NEW** - added a "box" around the Balance Due field at the top of the statement to make it easier to see
- ▶▶ **General** - modified multiple forms to allow users to manually type in 6 characters for the Customer Code or Vendor Code instead of forcing user to select the code from the pop-up picklist.

Version 5.10 L released Sep-15-2005

- ▶▶ **Work Orders > Main Page > A/C Hours** - Fixed problem where any Work Orders that existed in the program prior to upgrading to version 5 would display zero A/C Hours instead of the correct A/C Hours originally entered into the Work Order
- ▶▶ **Browse Page Keyboard Shortcuts** - fixed problem where using Alt + B keys to get to some Browse pages did not put the cursor focus into any of the search fields, requiring the user to still use their mouse
- ▶▶ **PO's & Expenses - UnReceive** - fixed message text during Unreceive a PO Quick Req item that incorrectly reported that the item was from a Work Order. Message now indicates that the item came from a Work Order OR a PO Quick Req and cannot be Unreceived.
- ▶▶ **Vendor Adjustments > Browse** - Now shows negative Totals in parentheses
- ▶▶ **Invoices > Print > Shop Detailed Copy** - fixed problem where Balance Due printed incorrect value
- ▶▶ **Aircraft > Inspection Data > Last Maint Date field** - fixed problem where italic pop-up calendar did not insert the date selected into the field.

Version 5.10 K - No Update Release (Installation Build Only)

Version 5.10 J released Sep-01-2005

- ▶▶ **Reports > WO > 3 WIP** - Fixed intermittent problem where some users experienced a non-recoverable error when running the WIP report (Error Message: Function requires row or table buffering mode.)
- ▶▶ **Reports > Inventory > 1 Det Query List** - Fixed problem where query for Shelf Expiration Date was not returning any results, even though there were items meeting the criteria
- ▶▶ **Work Orders > Labor** - Fixed problem where using Right-click to select a Date from the calendar would put cursor focus up to the first entry in the Labor grid, instead of leaving cursor on currently selected labor entry

- ▶▶ **Work Orders > Finished Tasks** - Modified program to prompt users if they want to continue with the add/edit/delete for Labor, Equipment, Parts, Other, Reqs, Exchg/Repairs when a Task has been marked Finished with a Finish Date or Finish Status. Users had previously been prevented from adding/editing/deleting when the task was marked Finished.
- ▶▶ **Work Orders** - fixed problem with Work Order form. When Work Order form is opened to the Details, Text, Labor, Parts, Equipment, Other, Reqs, Exchgs/Repairs pages; and another form is opened, there were problems with the incorrect data appearing when going back to the Work Order. Users now receive a message that they must go to the Items/Task List page to re-select the task. Focus will be on the task that was just being viewed, so users will be able to immediately click right back to the page they were on.
- ▶▶ **Quotes** - fixed problem with Quotes form. When Quotes form is opened to the Text & Details, Labor, Parts, Equipment, or Trades pages; and another form is opened, there were problems with the incorrect data appearing when going back to the Quote. Users now receive a message that they must go to the Items List page to re-select the item. Focus will be on the item that was just being viewed, so users will be able to immediately click right back to the page they were on.

Version 5.10 I -- no update release

Version 5.10H released Aug-25-2005

- ▶▶ **Customer Deposits (Checkbook)** - New option on Pending Deposits page to restrict report to a specific deposit / batch number
- ▶▶ **Manage Checkbook > Report** - Show Invoice and P & E details now also displays customer Check/Pmt Ref #, Check/Pmt Amount and Check/Pmt Date
- ▶▶ **Help > Open User's Guide (.PDF)** - New option available on the Help menu to open the User's Guide from directly inside AVM-2000
- ▶▶ **Recurring Invoices** - added new "Update \$" button to Parts page that will update prices on items in the grid from the Inventory database
- ▶▶ **Recurring Invoices** - fixed problem where changing a customer code in the Customers database did not change the corresponding customer code in the Recurring Invoices database
- ▶▶ **Warranty Apps & Claims** - added program code in an effort to prevent intermittent problems that some users have experienced with forms that become Read Only, or give messages "Changes have been made, but not saved" preventing users from editing or creating new Apps & Claims

- ▶▶ **W & B (Fixed and Rotary)** - fixed issue where the Auto Lookups into Equip Specs was not inserting the Part # data
- ▶▶ **W & B (Fixed and Rotary)** - modified Part # field to enforce upper case entry to be consistent with all other Part # fields in AVM-2000
- ▶▶ **Work Orders > Details > Print** - fixed intermittent problem where the FAA Form #'s configured in the Work Order configuration did not always print the correct Form # on all task printouts
- ▶▶ **Update Routine** - fixed problem with Update routine that prevented external executable files from installing as part of the update. These files include the external backup file, the autolock files, external error log files and external error repair files.

Version 5.10G released Aug-18-2005

- ▶▶ **Phraser** - Fixed - conflict with "Force all text to upper case in all input controls" local configuration option and the Phraser, causing a "Y" character to be inserted instead of the selected phrase into text blocks

Version 5.10F released Aug-09-2005

- ▶▶ **Work Orders > ADD Task from Template** - Fixed - a non-recoverable error that occurred when trying to add a new task from a Template using the Search description field
- ▶▶ **Reports > Work Orders > 1 List By Query** - Fixed - a non-recoverable error that occurred when querying on the "Date, Started" field

Version 5.10E released Aug-01-2005

- ▶▶ **Work Orders > ADD Task from Template** - Fixed - a non-recoverable error that occurred when trying to add a new task from a Template

Version 5.10D released Jul-15-2005

- ▶▶ **Security** - Fixed - an error caused in Version 5.10C with navigation arrows not working in the Security > Users form

Version 5.10C released Jul-12-2005

- ▶▶ **Workstation Email Error function** - Problem Fixed - problem where users attempting to email error information to TangoWare from within AVM-2000 had reports of missing files when working on a workstation computer
- ▶▶ **Inventory > Serials > WHS Transfer** - Problem Fixed - for users with the WareHouses in use, this version fixes a problem where the History entries created during the WHS Transfer function were reporting the incorrect serial number.
- ▶▶ **Security** - Problem Fixed - problem where changes to user permissions were intermittently not be saved

Version 5.10B released Jul-05-2005

- ▶▶ **Fixed Wing W & B** - fixed Non-recoverable Error in the Installed Items ADD button

Update 5.10 a - Initial Release June 2005

This 5.10a Update Release Notes section covers the initial release of upgrade version 5 in June 2005. For update release notes on versions from 5.10b, July-2005, to the most current update version 5.10n, February-2006, see the **5.10 Update Releases** (see "5.10b to 5.10U Updates" on page 54) section.

Upgrade version 5.10 a was initially released in June 2005. Listed below are all the new modules, functions, modifications and fixes included in the initial upgrade files.

GENERAL LEDGER - New GL Chart of Accounts system now in place (Level 3 Users only)

- ▶ Allows configuring account types for Income, Expense, COGS, Assets, Liabilities, Equity, Other Income and Other Expense
- ▶ Includes longer account numbers with 9 digits. (Example: 11111-22-33)
- ▶ Includes options for Cost Centers (Departments)
- ▶ Includes options for Sub Accounts

- ▶ Has new functions for automatically populating the Invoices General Ledger grid with pre-configured default GL account numbers. Default GL account numbers may be configured for Work Order Task Labor, Equipment, Parts and Other for each Task Type; Invoice Taxes may each be configured for a default GL account; each Invoice amount field may be configured for a default GL account; each Inventory part number may be configured for a default GL account number.
- ▶ New Reporting choices for detailed GL Transaction reports, along with a basic P & L Statement
- ▶ New General Ledger Adjustments module allows transferring amounts from one GL account to another, or from one month to another. Also allows a decrease or an increase to any GL account.
- ▶ New General Ledger affects all modules that require GL Account Numbers; Invoices, PO's & Expenses, Credit Memos, Customer Adjustments, Vendor Adjustments and General Ledger Adjustments

++++ DATABASES +++++

INVENTORY -

- ▶ Serial Numbers - Modified AVM-2000 to force upper case entry in ALL Serial Number fields to prevent discrepancies
- ▶ Serial Numbers - Improved functions to prevent users from combining serial and non-serial parts. Users now have buttons on Inventory > Serials page to make a previously serialized part become a standard non-serial part.
- ▶ Inventory form > Main page - Change / Combine function - Limited Change / Combine functions now available for use with the Batch / Lot Tracking option.
- ▶ Inventory form - when WareHouses (WHS) are in use, new Transfer functions are available to easily transfer quantities from one WHS to another.
- ▶ Inventory Reports > Detailed Query List - when WareHouses (WHS) are in use, the three-character WHS code will display in any subtotal lines printed on reports
- ▶ Inventory Reports > Detailed Query List - when WareHouses (WHS) are in use, modified program code to handle problems with reported quantities, when the same part number, under different WareHouses, is serialized under one WHS, and non-serialized under another WHS
- ▶ Inventory Reports > Physical Inventory Count - fixed problem where "Use Main Data" option was pulling the Cost from the Inventory item's Main page and it should not have

- ▶ Inventory Reports > Detailed Query > Sold/Purch/Used page - increased field sizes on printed report to prevent Cost and List from showing asterisks instead of numbers
- ▶ Inventory form > Order Info page - Added new Distributor Code field to Purchase Activity grid

AIRCRAFT -

- ▶ Inspections Report - Now prints Aircraft TT at the time the report was printed
- ▶ Aircraft form - Main page has Clear button to allow user to force the Manufacturer field to be blank
- ▶ Installed Equipment Master - Now prevents saving duplicate entries

CUSTOMERS -

- ▶ Customer Payments form - now has option to print Customer A/R Statement from this form to be used as a receipt for payments made
- ▶ Customers form - Account & Taxes page - has new Default GL # field. When configured for use, the GL Picker in Invoices will automatically open with the customer's Default GL #.
- ▶ Customers form - Browse page - Customer Code search field now allows entry of full six (6) characters
- ▶ Customers form - Account & Taxes page - fixed problem where Invoice Default Discount fields were rounding up to 1 decimal place instead of 2

VENDORS -

- ▶ Vendor Payments form - new Discount GL # available to work with new improved General Ledger module
- ▶ Vendors form - Account & Taxes page - has new Default GL # field. When configured for use, the GL Picker in P & E's will automatically open with the vendor's Default GL #, if one has been configured.

EMPLOYEES -

- ▶ New Configuration option available to "Suppress Inactive Employees". This function prevents Employees marked Inactive from the Quick Fill functions or appearing in the Employee Code italic pop-up lists
- ▶ Employees Form - fixed Date fields to make the pop-up italic calendar function work
- ▶ Reports > Employees > Labor Summary - modified Ecode field to allow manually typing up to 6 characters into the field

- ▶ Employees form - modified conflict with Contacts Grid and Training Records that sometimes occurred during the delete functions

ATC (Attendance Time Clock) -

- ▶ Miscellaneous - modified program code to prevent problems where sometimes a Work Order type entry did not get saved to the Work Order
- ▶ Miscellaneous - WO Tasks may not be deleted if an employee is logged into the task under the ATC
- ▶ Miscellaneous - Users are prevented from entering a WO Task Finish Date in the Work Order's Detail page if an employee is logged into the task under the ATC
- ▶ Entries form - Select WO pop-up list now filters out deleted WO Tasks and opens at top of list
- ▶ Maintenance form - Select WO pop-up list now filters out deleted WO Tasks and opens at top of list
- ▶ Reports - now filters Employee Code pop-up and Quick Fill to only employees participating in the ATC functions

TEST EQUIPMENT -

- ▶ Warning PopUp - improved program code to prevent incorrect dates from being reported. Next Due Date is recalculated every time the Test Equipment
- ▶ Main page - now shows Next Due Date in red text if it is overdue
- ▶ Browse page - now recalculates Next Due Date each time access the Browse page

EQUIPMENT SPECS -

- ▶ Main page - fixed problem where selecting a Vendor from the italic pop-up list populated the Vendor Code field with the first few characters of the Vendor Name instead of the Vendor Code

ATA CODES -

- ▶ Now prevents saving duplicate entries

PHRASER -

- ▶ Improved Cursor Placement - made changes to program code to help prevent text getting "cut off" when a phraser statement is placed in a text block.

- ▶ Improved Inspector Name & Date Stamp - made changes to program code allowing users to insert Inspector Name and Date Stamp at the same time

++++ ENTRIES +++++

WORK ORDERS -

- ▶ Work Orders form is now NON-Modal. This means that the Work Order form may be opened at the same time as most other forms, such as Inventory, PO's, Employees, etc.
- ▶ Work Orders > Exchanges - WO Exchanges received in on PO's now make an Inventory history entry for 0.00 Quantity if a part number match is found
- ▶ New Configuration option available to NOT print "Printed On" dates on Work Order printouts
- ▶ Reports > Work Orders > Detailed Query List - "Task Status" field now contains Pending Inspection choice
- ▶ Work Orders > Details > Print > 3 - modified so that the Discrepancy always prints when the configuration option for "Copy Brief Description to Discrepancy" is turned on
- ▶ Work Orders > Tasks > Add from Quote item now re-uses deleted tasks
- ▶ Improved - Work Orders > Tasks > Copy Task or Task from Template - now gives user choices to exclude copying specific item types: Labor, Equipment, Parts and/or Other. This gives users much more flexibility with creating new tasks.
- ▶ Work Orders > Tasks > Copy Task or Task from Template - now places serialized equipment items on the Requisitions page to prevent inventory control problems.
- ▶ Work Orders > Tasks > Copy Task or Task from Template - now stores the originating task's Work Order + Task # into the new task's Shop Comments field
- ▶ Work Orders > Details page - now allows individual A/C Times When Done for EVERY task on a Work Order. The highest A/C Time found in a Work Order will be used on the Work Order's Main page. Task printouts (such as from the Details page) will print the individual task's A/C Time, unless it is blank. Then it will print the Time from the Main page. This improved function also allows users to update Aircraft Inspection items with a time that may be lower than the current A/C Time.

- ▶ Work Orders > Other > Add Trade to Inventory function now tests for serial number already exists. If serial is found in stock, user is prevented from adding the trade. If the serial is found out of stock, user is prompted to restock the item.
- ▶ WO Quick Parts form - Inventory history entries from Quick Parts now mark the "Source" field in the Inventory History page
- ▶ Work Orders > Reqs - now allows entry of WHS if WareHouses are in use
- ▶ Security - Work Orders > Main page - new security modifications have separate controls for "Open WO" and "Close WO" instead of using the same security control for "Open / Close WO". This will allow security users to Close a Work Order, but not re-open a Closed Work Order.
- ▶ Work Orders > Task List - Right-click in Task Type field now allows changing Task Type from drop-down list
- ▶ Work Orders > Task Transfer - now completely deletes all detail text and fields from the originating task's Details and Text pages to avoid confusion with reporting.
- ▶ Work Orders > Requisitions and Exchanges/Repairs - now ensures that a Task Transfer properly updates items to be received from PO's into the correct Work Order task
- ▶ Fixed Work Order printouts to print a full six character Customer Code

INVOICES -

- ▶ Invoice > Parts > Delete button - now prompts users to restock to Inventory or not. In version 4, all items deleted from the invoice parts grid were automatically restocked into Inventory if possible. Users will now have the option of restocking items.
- ▶ New Shop Detailed Printout available. This printout shows all items on a standard invoice printout in addition to GL accounts, account status information, payment information, etc.
- ▶ Now prevents users from posting Invoices with a negative parts amount or negative total amount to prevent financial reporting problems.

PO's & EXPENSES -

- ▶ Now allows "un-receive" of serialized line items. Simply type a negative 1 (-1) in the Recv column to "un-receive" the item

- ▶ Consistent orders available for the Printouts, Order page and Receive page. This drop-down choice is located on the Text page and lets users choose from "Physical Entry" (leave them in the order they are entered in) or "Part # Alphabetical"
- ▶ Transfer function for Line Items - now keeps link for items from Work Orders that are transferred from one PO to another and does not cause message that Work Order item no longer exists
- ▶ RO Receive process now prompts user with Yes, No or Cancel to prompt about Updating the item in Inventory
- ▶ When WareHouses are in effect, the Auto PO > Add to PO function now copies the WHS to the line item
- ▶ Vendor Printout now shows Seller Invoice #
- ▶ Shop Printout now shows Seller Invoice # and Packing Slip #
- ▶ Modified the RBE (Receive by Exception) function to prevent problems with WO Requisition and Exchange/Repair items
- ▶ Security - fixed problem where Modify Requisition Items security was incorrectly tied to Modify Order Items security
- ▶ Increased length of entry into the Browse page Search field for Ref #
- ▶ PO Quick Requisitions - now accepts entry of WHS when WareHouses are in use

QUOTES -

- ▶ Quotes form is now NON-Modal. This means that the Quotes form may be opened at the same time as most other forms, such as Work Orders, Inventory, PO's, Employees, etc.
- ▶ Profit / Sell Margin - new configuration choices available allowing users to set the margins to match the margins in the Work Orders

++++ TRANSACTIONS +++++

RECURRING INVOICES -

- ▶ Create regular invoices function now creates multiple invoices at once.
- ▶ Create List now automatically marks any recurring invoices that are overdue, or are due in the next thirty days
- ▶ Create page now lets user view recurring invoices due in 1 month, 2 months, or 3 months
- ▶ Users warned during Posting if there is a GL account variance amount

++++ DOCUMENTATION +++++

- ▶ Warranty Applications - Query - added new choice to query on Manufacturer
- ▶ Log Book Stickers - fixed Browse page Order by Work Order number that was not working
- ▶ Fixed Weight & Balance - Security - fixed problem where Right-click on Model # column in Installed and Removed pages could still allow users to modify the W & B when editing rights were denied
- ▶ Rotary Weight & Balance - Security - fixed problem where Right-click on Model # column in Installed and Removed pages could still allow users to modify the W & B when editing rights were denied

++++ REPORTS +++++**MONTHLY TOTALS -**

- ▶ P & L Reports - New reporting function that is part of the new General Ledger functions
- ▶ GL Reports - improved GL Reports allow more flexibility and detail reporting
- ▶ Main Summary - Invoice Tax fields now show user-configured "friendly" Tax Names
- ▶ Main Summary - New fields and calculations for easier reporting
- ▶ Main Summary - Improved summaries for Sales and Purchases now include a separate field for Purchases Tax Adjustments for more detailed reporting.

ANNUAL TOTALS -

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++++ ADMIN +++++**ERRORS -**

- ▶ External Error Log - a new function is available to view AVM-2000 errors with a small external program. This is especially useful when users encounter an error directly upon trying to enter the AVM-2000 software; and therefore, cannot access the Errors Log inside the AVM-2000.
- ▶ External Error Repair Utility - a new function is available to repair some types of AVM-2000 non-recoverable errors from outside of the AVM-2000. This small external program is especially useful when either the Internal Table Repair does not fix the error, or when errors are encountered immediately upon opening AVM-2000, preventing users from accessing the standard Internal Table Repair utility.
- ▶ Admin > Errors form - now has new button to allow users to email error information directly to TangoWare from inside the AVM-2000 software. This function requires the TangoWare email address, your email address, and your ISP's SMTP server name. (Note: This function may not be available for users with web-based email services such as Yahoo and HotMail, etc.)

PURGE UTILITY -

- ▶ New Retain GL Transactions option - users now have the choice of purging documents such as Invoices, PO's, Adjustments, etc. while leaving behind the associated GL entries. This helps to provide accurate historical Monthly Totals and Annual Totals reports.
- ▶ New option for Posted Records Only - Vendor Adjustments, Customer Adjustments, Customer Credit Memos now have option to purge POSTED records Only
- ▶ New option to purge GL Adjustments
- ▶ New Folder Archive Structure for archived XLS files. Archives are now stored in one folder for each day, then in a separate subfolder each time the purge is run on that day.

++++ GENERAL +++++**IMPROVED UPDATE ROUTINE**

- ▶ New, Improved External Update Routine available. This function provides a more integrated update routine than our updates in version 4.
- ▶ Users will execute the update file from a download or CD, and choose the server computer's main AVM-2000 directory to complete the update on.

- ▶ After following a series of prompts, the update will be completed, and NO internal system update will be required.
- ▶ Workstations will automatically update when using the workstation's STARTAVM.EXE file as the shortcut to open the AVM-2000 program

LOCKOUT / UNLOCK FUNCTION

- ▶ New function available to "lock" users out of the AVM-2000 while performing updates, backups, Reindex and Packs, error repairs, etc.
- ▶ This function is configurable and will warn other users that the AVM-2000 will be locked out in xx minutes. You can also add your own text message to users. If users do not save and exit out of the AVM-2000 software, the software will automatically save and exit users out of the program. This is particularly helpful when someone may have left their workstation open to AVM-2000 and stepped away from their desk. This function also prevents users from opening the software when it is locked.
- ▶ There is an "unlock" function to stop the locking process and allow users back into the program.
- ▶ This function may be implemented with a third-party scheduling software to be used in conjunction with external scheduled backups of the AVM-2000

EXTERNAL BACKUP

- ▶ New External Backup module available. This function will be particularly useful for users who wish to implement a third-party scheduling software to run a backup of AVM-2000 files after hours, etc. Users should first schedule a LOCKOUT to close any workstations that may have been left open to AVM-2000, then schedule the Backup. Then an UNLOCK of the files may be programmed for a time after the backup will have been completed.
- ▶ Do not run the External Backup if any users have the AVM-2000 open on their computers. Doing so could prevent database files from properly backing up.
- ▶ This function requires configuration in the Admin > Utilities > Ext BU Config section. This function will OVERWRITE backups every day (NOT Recommended) if the configuration is not changed to a new file / folder name each day.
- ▶ Files will be zipped into a single *.zip file if the PKZIP utility is located in the AVM2000 folder. If not, files will be straight-copied.
- ▶ This external backup only backs up critical data files. No program files, Month End data files, EDS files etc. will be backed up.

BROWSE Pages

- ▶ New highlighting function in Browse grids makes it easier to locate the currently selected record. Current record selected now shows in a bold font, and in some modules also shows highlighted with a light blue background
- ▶ New options available in some Browse pages to choose which field the cursor starts in for Quick Searches, etc.
- ▶ "Legends" now displayed on Browse pages where different record types are highlighted in yellow, green or white
- ▶ Navigation Arrows - fixed problem where using the navigation arrows on the toolbar from the Browse page did not work properly

HELP Files

- ▶ Help files improved to include new content for version 5 modifications and improvements, as well as some existing help file information was expanded
- ▶ New Help "?" buttons added to many forms and pages throughout the AVM-2000 software.

++++ New Optional Module +++++

The Checkbook is a new OPTIONAL module of the AVM-2000. Version 5 will allow you to evaluate the checkbook functions prior to purchasing.

CHECKBOOK -

- ▶ New optional module integrated with other AVM-2000 modules, such as Invoices, Customer Payments Received, PO's & Expenses and Vendor Payments Made
- ▶ Evaluation period available for 100 days, and up to 1200 entries total (This lets you "try it before you buy it".) Current cost of this optional module is \$ 395.00.
- ▶ Allows managing multiple Checking and/or Savings accounts
- ▶ Allows printing checks for Vendor payments directly from AVM-2000. (Note: This may require CTI to program a custom check printout for you if you wish to continue using any checks you already have. Additional fees may apply.)
- ▶ Allows marking Vendor payments made with CC payments, Other Debits, Handwritten checks, Bank Transfers, etc.
- ▶ This function also allows users to mark specific P & E's with the exact amount paid.

- ▶ Allows posting any Vendor discounts taken during payments to a default Discount GL account, or to the GL Discount account selected by the user.
- ▶ Allows marking Customer payments received for batching into deposits for the Checkbook. This function also allows users to mark specific invoices with the exact amount paid.
- ▶ Includes capability of reconciling monthly bank statements
- ▶ Has multiple printing choices for the checkbook register and includes other query reporting options.