Infor Infinium FMS Fixed Assets Technical Guide

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About This Guide

This section focuses on the following information:

- Intended audience
- Purpose of this guide
- Organization of this guide
- Conventions used in this guide
- Related documentation

Intended audience

This guide is for Infinium FA technical personnel who are responsible for establishing, customizing and maintaining Infinium FA.

Purpose of this guide

Use this guide as a reference at your site and also to complement the instructor's presentation during the Infinium FA Technical Training course.

Organization of this guide

This reference and training document combines the technical information into parts. Each part includes the following:

- Overview information and in-depth details on each topic covered in the technical training course
- Additional related topics not covered in the course curriculum

Conventions used in this guide

This section describes the following conventions we use in this guide:

- Fonts and wording
- Function keys
- Prompt and selection screens
- Promptable fields
- Infinium applications and abbreviations

Fonts and wording

Convention	Description	Example
Italic typeface	Menu options and field names The guide uses the same abbreviations as the screen.	*Work with tax book controls* Use *Max Lnth* to specify the maximum length of alpha user fields.
Bold standard typeface	Used for notes, cautions and warnings	**Caution**: You must ensure that all Infinium FA users are signed off before reorganizing and purging. If there are jobs in the queue, those files will not be reorganized.
Bold monospaced typeface	Characters that you type and messages that are displayed	Type **A** to indicate that the position is alphanumeric and type **N** to indicate that the position is numeric. The following message is displayed: **Company not found**
F2 through F24	Keyboard function keys used to perform a variety of commands.	Press F2 to display a list of available function keys.
F13 through F24	Function keys higher than F12 require you to hold down the Shift key and press the key that has the number you require minus 12.	Press F14 to expand the accounting location.

Convention	Description	Example
Select	Choose a record or field value after prompting.	Select *Run period end closing* and press Enter. Select **0** (Corporate), **1** (Tax) or **2** (Both) in *History books*.
Press Enter	Provide information on a screen and when you have finished, press Enter to save your entries and continue.	Press Enter to save your changes and continue.
Exit	Exit a screen or function, usually to return to a prior selection list or menu. May require exiting multiple screens in sequence.	Press F3 to return to the main menu.
Cancel	Cancel the work at the current screen (page) or dialog box, usually to return to the prior screen (page).	Press F12 to cancel your entries.
Help	To access online help for the current context (menu option, screen or field), press Help (or the function key mapped for help). To move through the other applicable levels of help, press Enter at each help screen. To return directly to the screen from which you accessed help, exit the help screen by clicking Exit or by pressing F3.	Press Help for more information about the current field.

Convention	Description	Example
[Quick Access Code]	Quick access codes provide direct access to functions. Most quick access codes in Infinium FA consist of the first letter of each word of the menu option name. Quick access codes are listed on the menu tree and in the path for each task next to the executable function.	▼ *Work with asset* [WWA]
Publication and course titles	Unless otherwise stated, titles refer to Infinium applications and use standard name abbreviations.	*Infinium Fixed Assets Guide to Setup and Processing* is referred to as *Infinium FA Guide to Setup and Processing.*

Function keys

Infinium AM function keys and universal Infinium FA function keys for the IBM System i are described in the following table. All Infinium FA function keys are identified at the bottom of each screen.

Function key	Name	Description
F1	Help	Displays help text
F2	Function keys	Displays window of valid function keys
F3	Exit	Returns you to the main menu
F4	Prompt	Displays a list of values from which you can select a valid entry
F10	Quick Access	Enables you to access another function from any screen Type the quick access code in *Level*. You can change the application designator, such as PA, GL, IC, and so forth, by selecting another application.

Function key	Name	Description
F12	Cancel	Returns you to the previous screen
F22	Delete	Deletes selected item(s)
F24	More keys	Displays additional function keys at the bottom of the screen

Prompt and selection screens

A prompt screen, similar to Figure 1, is the screen in which you type information to access a record or a subset of records in a file.

A selection screen, similar to Figure 2, is the screen from which you select a record or records to perform an action.

When we first explain a task in this guide, we fully document how you access a prompt and selection screen. If a related task uses that prompt or selection screen, we include the prompt and selection steps in that task. However, we do not include the screen(s) again.

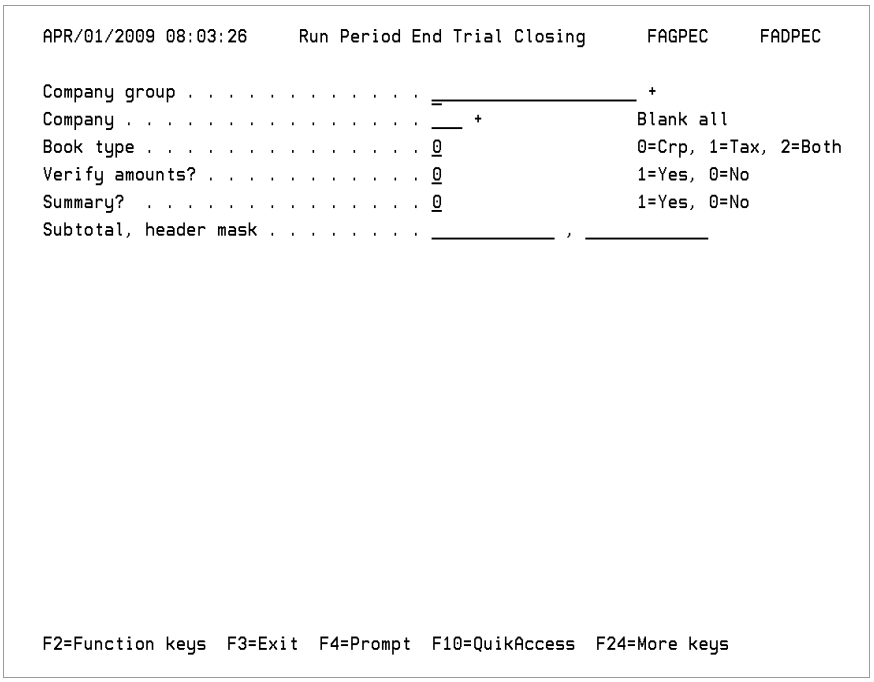


Figure 1: Run Period End Closing prompt screen

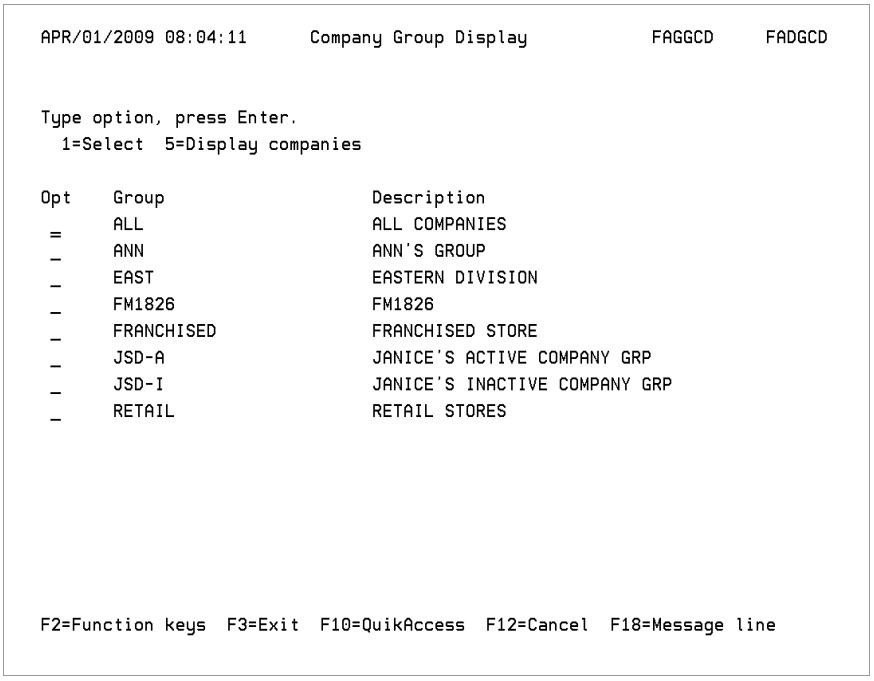


Figure 2: Run Period End Closing selection screen

Promptable fields

A plus sign displayed next to a field indicates that you can choose your entry from a list of possible values. Place the cursor in the field and press F4 to display a list of values.

To select an entry perform one of the following:

- Position the cursor at the desired value, type `1` and press Enter.
- Type the value in the appropriate field.

Infinium applications and abbreviations

The following table lists Infinium names and the corresponding product abbreviations that are associated with this product.

Application	Abbreviation
Infinium Application Manager Infinium Application Manager Extended	Infinium AM Infinium AM/X
Infinium Query Infinium Query Extended	Infinium QY Infinium QY/X

Application	Abbreviation
Infinium Financial Management Suite	**Infinium FM**
Infinium Currency Management	Infinium CM
Infinium Financial Products	Infinium FP
Infinium Fixed Assets	Infinium FA
Infinium General Ledger	Infinium GL
Infinium Global Taxation	Infinium GT
Infinium Payables Ledger	Infinium PL
Infinium Project Accounting	Infinium PA
Infinium Purchasing/Payables Exchange	Infinium PX
Infinium ReportWriter	Infinium RW
Infinium Materials Management Suite	**Infinium MM**
Infinium Cross Applications	Infinium CA
Infinium Journal Processor	Infinium JP
Infinium Purchase Management	Infinium PM

Related documentation

For further information about Infinium FA, refer to the following relevant documents:

- *Infinium FA Guide to Setup and Processing*, Volumes 1 and 2
- Infinium FA Menu Tree
- Online help

Notes

Chapter 1 Infinium FA: An Overview

1

This chapter contains Infinium FA system overview information.

The chapter consists of the following topics:

Product information

Infinium FA is a full-function fixed assets application with extensive interactive data entry, maintenance, and inquiry functions.

Infinium FA also provides you with many standard reports, which are all submitted in batch. You can use Infinium QY to supplement these standard reports.

Application overview

Infinium FA provides functions that help you process and manage your fixed assets data. These functions include:

- Maintaining assets
- Processing a period end or year end close
- Interfacing to a general ledger system
- Running reports and inquiries

The diagram in Figure 1-1 illustrates a high-level overview of the Infinium FA system.

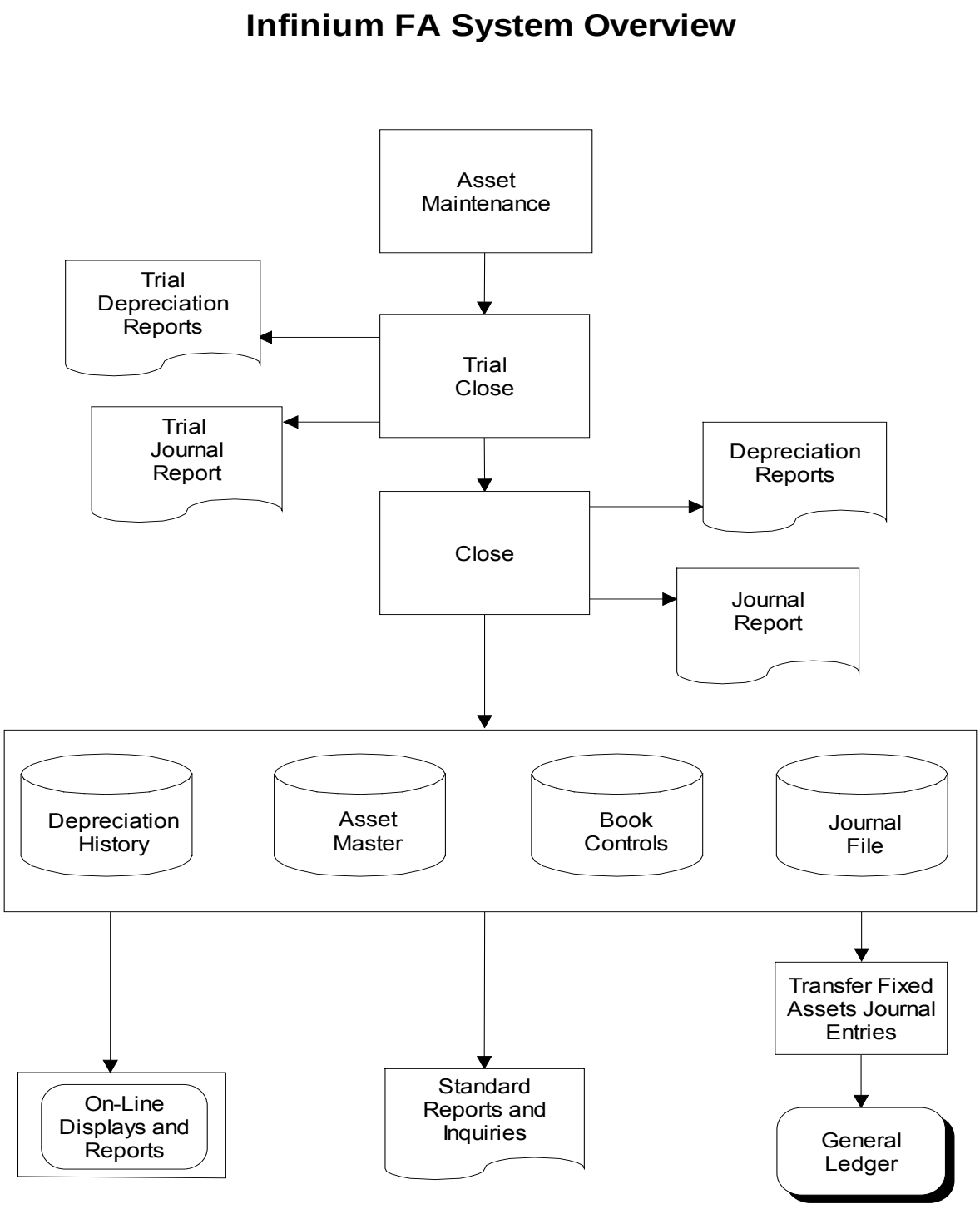


Figure 1-1: Infinium FA System Overview

System considerations

Infinium FA lets you set up a system environment that makes the most efficient use of disk space and CPU cycles and maximizes the functionality and flexibility of Infinium FA.

Consider the following when setting up your system environment:

- Interactive subsystems and batch subsystems
- Library lists, system libraries, and custom libraries
- Job queues and output queues
- System backup schedule

Interactive subsystem

Infinium FA can share any interactive subsystem and requires no special provisions.

Batch subsystem

Infinium FA can share any batch subsystem.

You can run only one Infinium FA update job at a time in the batch subsystem and you should always use a single-threaded job queue. Remember to include this requirement in your work management plans.

Library list

You initiate the interactive library list when you sign on to Infinium FA by calling the Infinium AM initial program, AMCIU, in the AM2000 library.

The table below provides a typical library list for an Infinium FA user.

Sample library list

Library	Type	Description
QSYS	*PROD-SYS	System Library
QTEMP	*TEST-USR	Temporary System Library
FACUST	*PROD-USR	Infinium FA Library for Custom Code
FADBFA	*PROD-USR	Infinium FA Database Library

Library	Type	Description
Infinium FA	*PROD-USR	Infinium FA Program Library
GLDBFA	*PROD-USR	Infinium GL Database Library
GL2000	*PROD-USR	Infinium GL Program Library
PLDBFA	*PROD-USR	Infinium PL Database Library
PL2000	*PROD-USR	Infinium PL Program Library
PADBFA	*PROD-USR	Infinium PA Database Library
PA2000	*PROD-USR	Infinium PA Program Library
AM2000	*PROD-USR	Infinium AM Program Library
QGPL	*TEST-USR	General Purpose Library

This library assumes that:

- The production files are in use
- Infinium GL is installed
- Infinium PL is installed
- Infinium PA is installed
- Custom objects exist for Infinium FA in the custom library, FACUST

System library

To complete the Infinium FA installation, do the following:

1 Verify that no Infinium FA library exists in the system part of the library list by typing this command:

```
DSPSYSVAL SYSVAL(QSYSLIBL)
```

2 Check the objects in the system library.

If you find any Infinium FA objects in the system part of the library list, contact the Customer Support Center immediately for further assistance.

Custom library

If you are creating custom objects, you should create library FACUST to store your custom source objects for Infinium FA. If you create FACUST, you must also maintain this library.

During installation of upgrades and enhancements to Infinium FA, the system saves your custom objects. If upgrading to a new release requires you to update your custom objects based on changes to related programs, you should recompile your custom programs at the new release level.

Single-threaded job queue

You can submit all batch jobs to *BATCH job queue in QGPL. The system can execute only one batch job at a time.

If the batch subsystem that serves the job queue has a maximum number of active jobs greater than one, you must set up control at the job queue entry level to release jobs one at a time into the subsystem. You can set up control by creating job queue FABATCH dedicated to
Infinium FA.

Output queue (OUTQ)

You set up printer file controls to:

- Direct your output to any output queue
- Change your output form size and name, number of copies, and hold status

You can apply printer control overrides for:

- A single user/report combination
- A specific report for all users
- All reports for a specific user
- All reports for all users, including user groups

You should create a printer control for:

- Each system and version
- A blank user profile
- A blank printer file

For more information about printer controls, see the *Infinium AM Administrator's Guide*.

System backup

You can use the SAVE/RESTORE commands to back up your system.

The table below lists the libraries and a suggested backup schedule that you can use to facilitate the backup process.

If you are using this library...	Then you should back up your data when you...
FACUST	Create custom objects for this library and thereafter when you change objects.
Infinium FA	Install Infinium FA and thereafter as part of the year-end backup
FADBFx	Change objects You should also save the entire library before each period end close and year-end initialization.

Infinium naming conventions

The following tables show examples of the naming conventions that Infinium uses for Infinium FA objects, file names, field names, and field reference file names:

Naming conventions for objects

Example of an object: FAGBNT

Character position	Values	
1 - 2	System designator - FA	
3	Object type	
	A	Assembler program C program
	C	CL program
	G	RPG III program
	I	PL1 program
	V	Journal receiver program
4 - 8	Object extension - BNT	

Naming conventions for file names

Example of a file name: FAPAB

Character positions	Values	
1 - 2	System designator - FA	
3	Object type	
	D	Display file
	J	Journal file
	L	Logical file
	M	Message file
	O	Communications file
	P	Physical file
	R	Record Format file
	T	Printer file
	X	Mixed file
4 - 5	File extension - AB	

Naming conventions for field names

Example of a field name: ABSTAT

Character positions	Values
1 - 2	File extension of the associated file - AB
3 - 6	Field identifier - STAT

Naming conventions for field reference file names

Example of a field reference file name: FAFLDREF

Character positions	Values
1 - 2	System designator - FA
3 - 8	FLDREF

Terminology and concepts

Terminology and concepts used in this guide

This section contains Infinium FA terminology and concepts used in this guide.

Entity

Entity refers to information and controls that apply to the entire Infinium FA database. You define entity controls only once, regardless of the number of companies defined in your database.

An example of an entity control is the date format that Infinium FA uses. All companies in the system use the same date format because you define this format at the entity level.

Code types and code values

A code type is a 3-character designator that identifies a code table. You use a code value to specify a system attribute. For some code types, you can assign a list of code values that represent valid values for the attribute.

For example, the code type **RET** identifies the Retirement Code. You can define code values for this code type, such as, sold, write-off, and abandoned, that you can use to categorize the asset retirements.

The code types are system-defined. Code values are both system-defined and user-defined. Infinium FA assigns several code values, such as the code values for code type **PRO** (Prorate Code) that you cannot change.

Assets

Assets refer to items or property that a company owns. You define assets in the system for various purposes, including tracking depreciation, physical location, and net book value.

Depreciation

Depreciation is the process of allocating the cost of an asset to an expense.

Tax book

A tax book is a control file that provides default values, identifies a depreciation method and establishes the yearly calendar.

The system assigns assets to the appropriate tax book based on the installation date. You can define only one U.S. Federal tax book per company, but you can define up to 99 alternate tax books.

Corporate book

The system uses the corporate book to track asset transactions for financial reporting purposes. Activity within the corporate book generates journal entries that you can transfer to the general ledger. Only one corporate book can exist per company.

Short year

A short year is a year with less than 12 periods. You use a short year for a company's accounting year in the following situations:

- The acquisition of a company
- Changing a calendar year to a fiscal year
- Divesting a company as a result of a sale or a buy-out

You can define up to nine short years in any one calendar year.

Internal asset number

An internal asset number is a 5-byte, 9-character, system-generated reference number that the system uses to track an asset through Infinium FA. The internal asset number uniquely identifies each asset in the system.

External asset number

An external asset number provides a means for users to identify an asset. External asset numbers track assets on reports, displays, and inquiries.

Each external asset number can be up to 16 bytes in length, composed of a 13-byte primary asset number and an optional 3-byte component asset number. External asset numbers can be either user-assigned or system-generated. The system assigns an internal asset number to each external asset number.

Asset data segments

Asset data segments are files containing different types of asset information. For example, information related to a corporate book is in the corporate book segment. The system stores each asset data segment as a separate file.

For more information, see the “Asset Data Files” chapter later in this guide.

Physical locations

A physical location is a 50-byte designator that describes where an asset is physically located. You define the physical location structure at the entity level.

Accounting locations

An accounting location is a 50-byte designator that describes where an asset resides financially. You define the accounting location structure at the company level. You can attach general ledger accounts to accounting locations.

Internal location number

An internal location number is a 5-byte, 9-character system-generated reference number that tracks an accounting or physical location through Infinium FA.

Acronym

An acronym is a short name (up to 10 characters) that you can use as a keying shortcut for physical and accounting locations.

Masking

Masking is a technique that uses asterisks to select multiple assets for a function.

You type specific values to define your selection criteria. Use asterisks as wildcards to specify selection of all occurrences of the masked value, as shown in the following example:

001.*.****.020.***

In the preceding example, the masked values indicate that Infinium FA should select all records for company 001 with a department number of 020, regardless of the values in the other components.

Notes

Chapter 2 Control Files

2

This chapter contains information on the Infinium FA control files that the system uses to process asset data.

For more information about Infinium FA controls, refer to Volume 1 of the *Infinium FA Guide to Setup and Processing*.

The chapter consists of the following topics:

Overview

The control files define the basic attributes of the Infinium FA system.

Entity controls are the highest level controls and define information for all of the companies and assets that you set up in the system. At the entity level, you establish controls such as, date format, interface to a general ledger system, physical location structure and user-defined fields.

In physical location controls, you define where assets are physically located.

In company controls you define code values for the code types that the system provides and establish controls such as, accounting location structure, selection of required asset data segments and journal information for the general ledger interface.

In accounting location controls, you define the financial location of an asset.

You use the book controls primarily for editing purposes when you work with assets and for calculation of depreciation. In book controls, you can create up to 99 tax books, but only one corporate book.

Current accounting year controls implement period closing independence between books.

Objectives

After you complete this chapter, you should be familiar with:

- The major system control files
- The relationship of the control files to the components of the Infinium FA system
- Potential problem areas related to control file values

Infinium FA Control File Structure

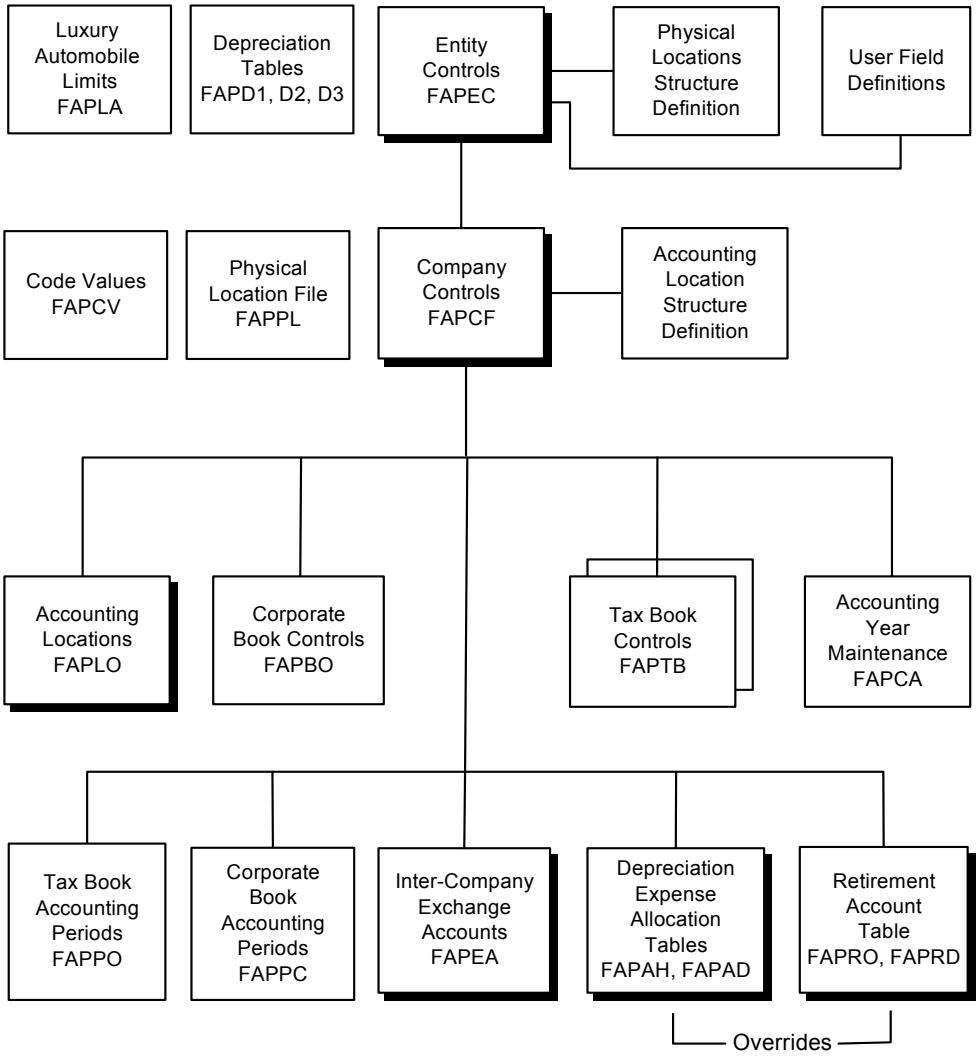
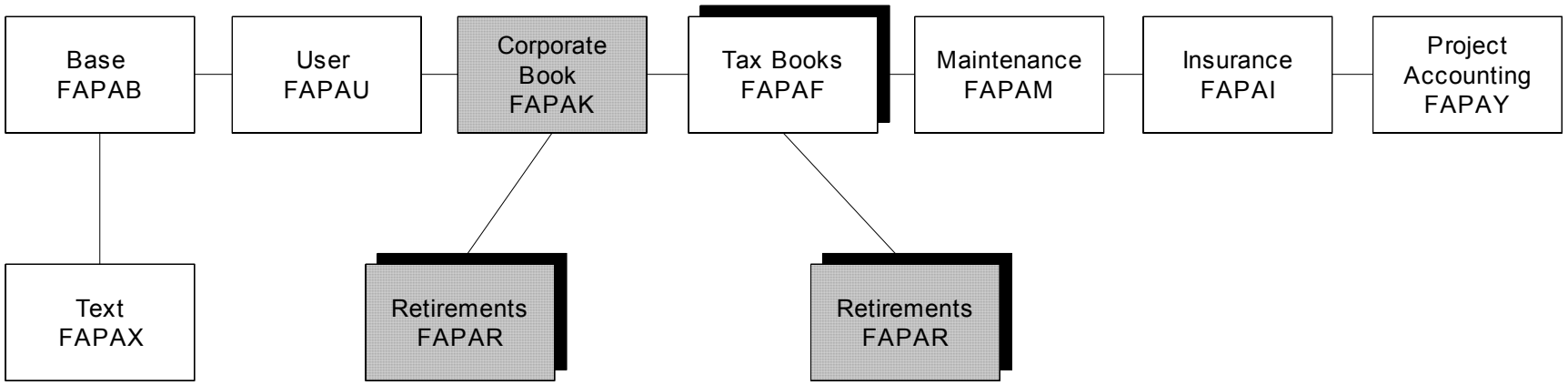


Figure 2-1: Infinium FA Control File Structure

Infinium Fixed Assets

Asset Data File Structure



Note: Shaded boxes denote general ledger control information

Figure 2-2: Infinium FA Asset Data File Structure

Entity Control file, FAPEC

Overview

Infinium FA uses the Entity Control file, FAPEC, throughout the system. These system-wide controls include:

- Date format
- General ledger interface information
- Internal numbers
- Period end processor programs
- Physical location structure
- User-defined field information

The following table provides a technical overview of the Entity Control file, FAPEC.

About Entity Control file, FAPEC

Attributes	This file contains one record.
Unique key	No unique key exists.
Prerequisites	No prerequisites exist.
Suitability for conversion	This file is not suitable for conversion because it contains only one record.
Alternative to conversion	You can manually create this file by using the *Work with entity controls* function in *Control File Maintenance*.

Field information

This topic provides field information from a technical viewpoint to help you understand the Entity Control file, FAPEC. You can access the entity controls screens as follows:

1 From the Infinium FA main menu, select *Control File Maintenance*.

2 Select *Entity Control Files*.

3 Select *Work with entity controls* [WWEC].

The following figure shows the Work With Entity Controls screen 1.

```
APR/01/2009 08:24:47      Work With Entity Controls        FAGECM     FADECM


Description . . . . . . . . . . . . . INFOR INFINIUM FIXED ASSETS 14

Date format . . . . . . . . . . . . . : MDY       MDY, DMY, YMD
GL system installed . . . . . . . . . : IN        IN=Infinium, OT=Other
                                                  BLANK=None
GL company validation program . . . . : FAGCNC
GL account validation program . . . . : FAGCTC

Keep depreciation history?  . . . . . : 1         1=Yes, 0=No

Last Internal Numbers Used
Asset number  . . . . . . . . . . . . :      2099
Model Asset number  . . . . . . . . . :       223
Location number . . . . . . . . . . . :       858
Period end batch number . . . . . . . :    2819

Period End Processor Programs
Pre-processor program . . . . . . . . : FAGPRE
Post-processor program  . . . . . . . : FAGPOST
F2=Function keys  F3=Exit  F10=QuikAccess  F18=Message line  F23=Allow update
```

Figure 2-3: Work With Entity Controls screen 1

Date format

The value in the *Date format* field does the following:

- Determines the date format used throughout the system
- Must match the date format used in your other applications

WARNING! Do not change the date format after you define this format in the system. Changing the date format can result in loss of data integrity.

GL system installed

A value of **IN** in the *GL system installed* field indicates that you are interfacing to Infinium GL. A value of **OT** indicates that you are interfacing to a non-Infinium general ledger system.

If the *GL system installed* field is blank, you are not interfacing to any general ledger system and Infinium FA does not allow you to enter general ledger account numbers or create journal records in the Journal File, FAPHT.

Note: For more information on interfacing to a general ledger system, refer to the “General Ledger Interface” chapter later in this guide.

GL company validation program - FAGCNC
GL account validation program - FAGCTC

When you type **IN** in the *GL system installed* field, Infinium FA automatically uses the following general ledger validation programs:

- FAGCNC - Edit GL Company Number (validation) program
- FAGCTC - GL Account Number Validation program

These programs do the following:

- Check that your Infinium FA company and account also exist in Infinium GL
- Validate your company and account values against the Infinium GL files, GLPCN and GLPCT.
- Verify that your user profile authorizes you to access that company and account.

FAGCTC also checks that your account is active.

If you are not using Infinium GL, you can modify FAGCNC and FAGCTC to interface to your own general ledger system. These programs provide a user exit for your own validation programs.

Last Internal Numbers Used

The system-generated numbers in these fields specify the last number used for the internal asset number, model asset number, internal location number and period end batch number.

Infinium FA uses the *Location number* field for both physical locations and accounting locations. Because these fields share the same sequence counter, you cannot have a physical location or an accounting location with the same internal number.

The programs that update the *Last Internal Numbers Used* fields are the same programs that the system uses to create assets, model assets, accounting locations and physical locations. These programs are:

- FAGABM - Asset Maintenance
- FAGMDM - Model Asset Maintenance
- FAGLOM - Accounting Location Maintenance
- FAGPLM - Physical Location Maintenance

For example, when the system uses the Asset Maintenance program to create a new asset, FAGABM does the following:

- Adds **1** to the value on the entity controls in the *Last Asset #* field, ECASSN
- Updates the entity controls with the new value, ECASSN
- Uses ECASSN as the internal asset number for the new asset in the Asset Master files, such as ABASSN and AKASSN

WARNING! Do not change the values in the *Asset number* field, *Model Asset Number* field or the *Location number* field after converting your data into Infinium FA. Changing these values will result in loss of data integrity

Period End Processor Programs

We provide the following user exit shell programs for period end processing:

- FAGPRE - Pre-processor program
- FAGPOST - Post-processor program

Note: You can enter your own program names to replace FAGPRE and FAGPOST. For more information, refer to the “User Exit Programs” chapter later in this guide.

Physical location structure

The following figure shows the Work With Entity Controls screen 2.

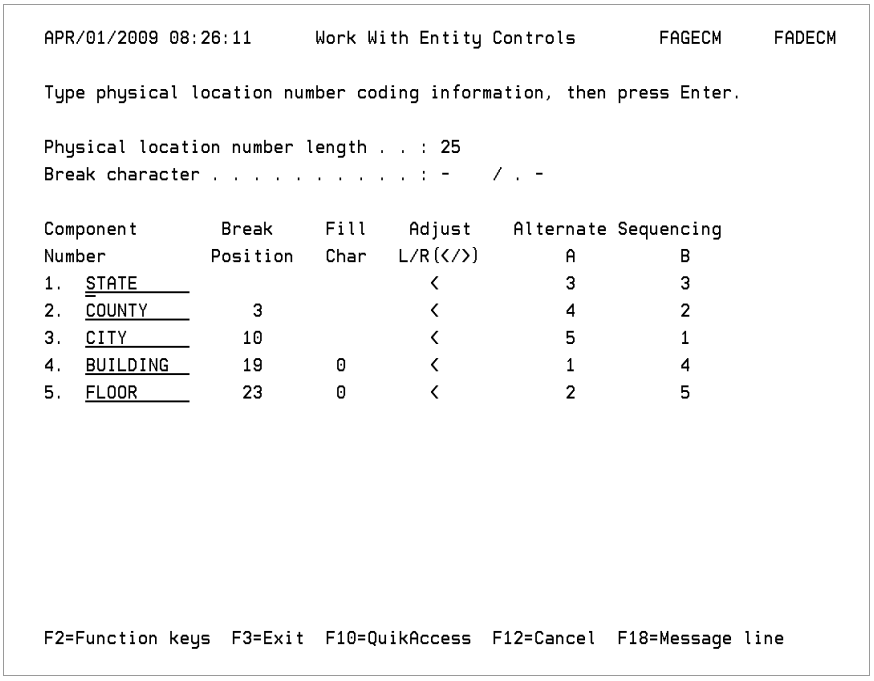


Figure 2-4: Work With Entity Controls screen 2

Physical location number length
Component Number
Alternate Sequencing

Physical locations reside in the Physical Locations file, FAPPL.

The free-form physical location structure has a maximum length of 50 bytes and maximum number of 12 components.

You cannot change the physical location structure after you create physical locations.

Each physical location record has three 50-byte fields that provide:

- One actual physical location field
- Two alternate sequence fields (A and B). Infinium FA uses the logical files, FALPL7A and FALPL7B, to create reports using the alternate sequences.

  If you change the physical location alternate sequence on the entity controls file, you must run the *Mass Maintenance* function, *Mass change phys loc alt seq*, to rebuild the logical files for the physical locations.

Physical location controls

The following figure shows the Work With Entity Controls screen 3.

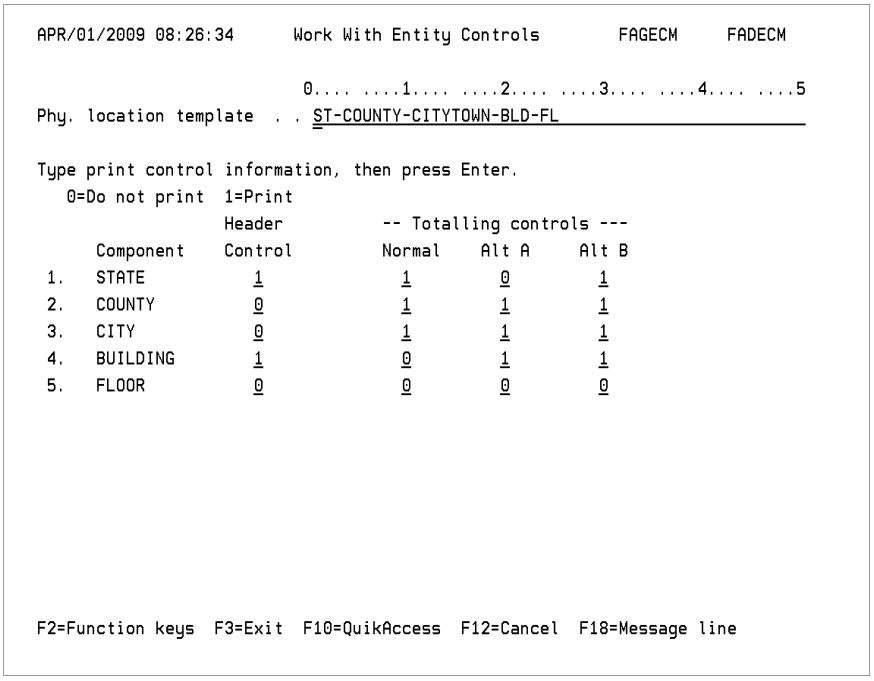


Figure 2-5: Work With Entity Controls screen 3

Phy. location template

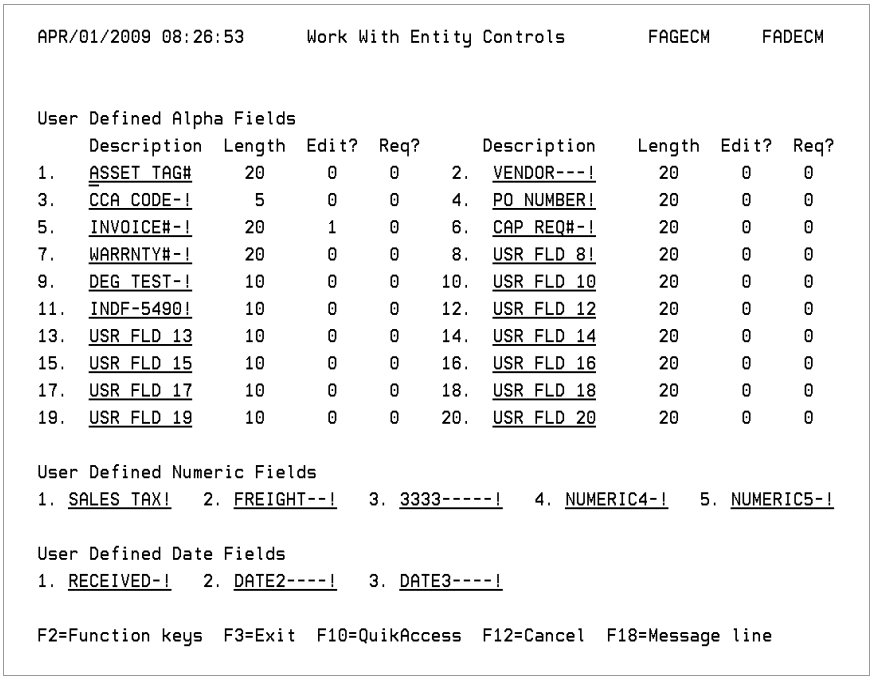
The system uses the information in the *Phy. location template* field to display as a guide in the *Work with physical locations* function.

The length of the component descriptions in the template must match the length of each component of the physical location, as shown in the following example.

Phy. location template:	ST-COUNTY-CITYTOWN-BLD-FL
Physical Location:	MA-HAMPSH-NORTHAMP-001-05

User data structure

The following figure shows the Work With Entity Controls screen 4.



```
APR/01/2009 08:26:53      Work With Entity Controls        FAGECM     FADECM


User Defined Alpha Fields
     Description  Length  Edit?  Req?      Description     Length  Edit?  Req?
1.   ASSET TAG#     20      0      0     2.  VENDOR---!       20      0      0
3.   CCA CODE-!      5      0      0     4.  PO NUMBER!       20      0      0
5.   INVOICE#-!     20      1      0     6.  CAP REQ#-!       20      0      0
7.   WARRNTY#-!     20      0      0     8.  USR FLD 8!       20      0      0
9.   DEG TEST-!     10      0      0    10.  USR FLD 10       20      0      0
11.  INDF-5490!     10      0      0    12.  USR FLD 12       20      0      0
13.  USR FLD 13     10      0      0    14.  USR FLD 14       20      0      0
15.  USR FLD 15     10      0      0    16.  USR FLD 16       20      0      0
17.  USR FLD 17     10      0      0    18.  USR FLD 18       20      0      0
19.  USR FLD 19     10      0      0    20.  USR FLD 20       20      0      0

User Defined Numeric Fields
1. SALES TAX!   2. FREIGHT--!   3. 3333-----!   4. NUMERIC4-!   5. NUMERIC5-!

User Defined Date Fields
1. RECEIVED-!   2. DATE2----!   3. DATE3----!

F2=Function keys  F3=Exit  F10=QuikAccess  F12=Cancel  F18=Message line
```

Figure 2-6: Work With Entity Controls screen 4

User-Defined Alpha Fields

These fields are optional fields in the Asset User Data file, FAPAU, and can store user-defined information that is not contained in other asset data files. These fields include:

- 20 alphanumeric fields

  Maximum length - 20 bytes

  After you add data to these fields in the Asset User Data file, FAPAU, you can increase field length, but you should not decrease field length.

- 5 numeric fields

  Fixed length - 15 bytes, 2 decimals

- 3 date fields

  Fixed length - 10 bytes

  The date format should match the format specified on the Work With Entity Controls screen 1.

Edit?

If the *Edit?* field contains **1**, the system uses code types **U01** through **U20** to edit the user-defined field values against the values in the Company Code Values file, FAPCV.

Req?

If the *Req?* field contains a **1** for a user-defined field, you must type a value in the field during the asset entry process.

Caution: After adding assets to the system, users should not change the value in the *Req* field from **0** to **1**. Changing this value can cause potential asset maintenance problems.

Physical Locations file, FAPPL

Overview

Physical locations describe where assets are physically located and contain information that can be shared by all companies. The system uses the Physical Locations file, FAPPL, as a cross-reference between the physical location, which the user sees, and the internal location number, which is not visible to the user.

Although the system does not require physical locations, you can use physical locations to select and group assets. The following table provides a technical overview of the Physical Locations file, FAPPL.

About Physical Locations file, FAPPL

Attributes	This file contains at least one record for each physical location. Whenever you modify a physical location, the system adds a history record to this file.
Unique key	Each record has three unique keys: ▪ PLLOC - Physical Location ▪ PLLOCN - Internal Location Number ▪ PLACK - Acronym When referring to physical locations between files, the system: ▪ Uses the system-generated Internal Location Number key, PLLOCN, which you cannot change, thus helping to ensure data integrity ▪ Does not use the user-defined Physical Location key, PLLOC, which you can change, thus decreasing the possibility of error
Prerequisites	The Entity Control file, FAPEC, must exist.

About Physical Locations file, FAPPL	
Suitability for conversion	Converting this file should be done only if reliable source data is available. For information about the Convert Accounting Locations program, FAGALOC, refer to the “Conversion Issues” chapter later in this guide.
Alternative to conversion	You can manually create this file by using the *Work with physical locations* function in *Control File Maintenance*.

Field information

This topic provides field information from a technical viewpoint to help you understand the Physical Locations file, FAPPL. You can access the physical location screen as follows:

1. From the Infinium FA main menu, select *Control File Maintenance*.
2. Select *Entity Control Files*.
3. Select *Work with physical locations* [WWPL].

Physical location hierarchy

The following figure shows the Work With Physical Locations screen.

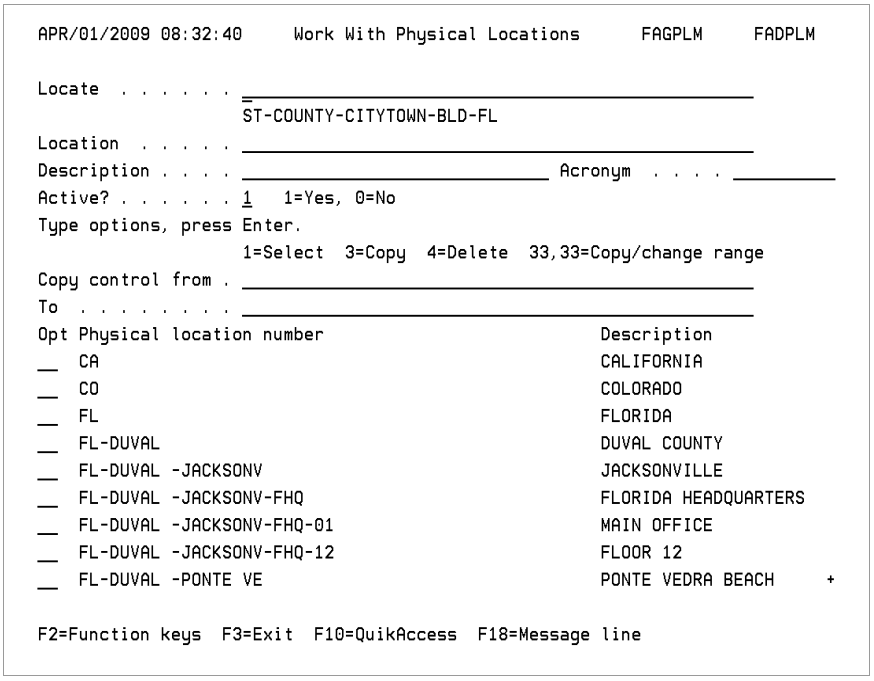


Figure 2-7: Work With Physical Locations screen

Locate

The system displays the physical location template just below the *Locate* field. This template provides a guide for typing a physical location.

Physical locations must have a hierarchical structure. Each level of the hierarchy provides the dependent component for the next level, as shown in the following example.

You must create...	Before you can create...
MA	MA-HAMPSH
MA-HAMPSH	MA-HAMPSH-NORTHAMP

Caution: If you are converting physical locations by program, you should verify that the hierarchical structure for physical locations exists in the system.

Acronym

The system provides the *Acronym* field for typing an abbreviation of up to 10 characters that can be used as a keying shortcut to accessing physical locations.

Active?

You can toggle the *Active?* field from active to inactive at any time.

Company Controls file, FAPCF

Overview

Company controls define the attributes for individual companies within an organization.

You define the accounting location structure in the Company Controls file, FAPCF. The system uses this structure to categorize assets for accounting purposes. You must create an accounting location structure before establishing individual accounting locations.

The following table provides a technical overview of the Company Controls file, FAPCF.

About Company Controls file, FAPCF

Attributes	This file contains one record for each company and includes definitions for: ▪ Accounting location number structure ▪ Asset data file usage ▪ General ledger interface
Unique key	Each record is based on a unique company number, CFCO. The system uses CFCO as the key to other system files, including: ▪ Company Code Values file, FAPCV ▪ Asset Master files, FAPAB and FAPAK ▪ Depreciation History files, FAPHS and FAPHA
Prerequisites	The Entity Control file, FAPEC, must exist. If you are interfacing to Infinium GL, the Infinium GL company controls must also exist.
Suitability for conversion	This file is not suitable for conversion because it contains only one record per company.

About Company Controls file, FAPCF	
Alternative to conversion	You can manually create this file by using the *Work with company controls* function in *Control File Maintenance*.

Field information

This topic provides field information from a technical viewpoint to help you understand the Company Controls file, FAPCF. You can access the company controls screens as follows:

1. From the Infinium FA main menu, select *Control File Maintenance*.
2. Select *Application Control Files*.
3. Select *Work with company controls* [WWCC].

The following figure shows the Work With Company Controls prompt screen.

```
AUG/15/2003 13:57:14      Work With Company Controls       FAGCFM     FADCFM

Company . . . . . . . . . . . . . . . 001 +

To copy an existing company control, enter the following information.

Copy like company . . . . . . . . . . ___ +

F2=Function keys  F3=Exit  F4=Prompt  F10=QuikAccess  F18=Message line
```

Figure 2-8: Work With Company Controls prompt screen

Company

The value in the *Company* field provides an identifier for creating a new company or for displaying or modifying an existing company.

Copy like company

Users can copy the attributes of an existing company by typing the existing company identifier in the *Copy like company* field and then modifying the attributes to fit the new company.

Accounting location structure

The following figure shows the Work With Company Controls screen 1.

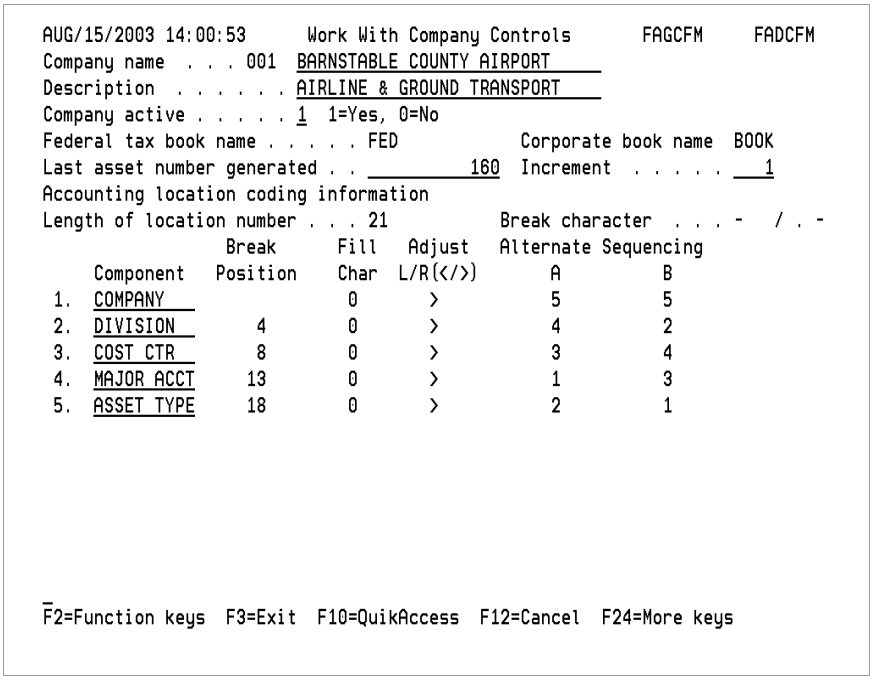


Figure 2-9: Work With Company Controls screen 1

WARNING! After adding accounting locations to the system, users should not change the accounting location structure. Changing this structure can result in loss of data integrity.

Federal tax book name

The system allows you to specify only one U.S. Federal tax book per company. Once the Federal tax book is in the system, the name cannot be changed.

The system assigns specific U.S. tax regulations on the Federal tax book, such as, tax depreciation method.

If users run consolidated tax reports, the system requires the same name for all company and Federal tax books.

Corporate book name

The system allows only one corporate book for a company.

Last asset number generated

When users add a new asset to a company, the system can automatically generate an asset number using the Interactive Asset Maintenance program, FAGABM, or users can manually assign an asset number. This user-assigned number must be unique within the company.

When users manually assign a number to an asset, the system updates the *Last asset number generated* field with that number.

Infinium FA does not reuse an asset number until the asset has been either retired and purged or deleted and purged from the system.

Increment

If this field value is **0** or **blank**, the system does not generate asset numbers. If this field value is greater than **0**, the system adds the number to the number in the *Last asset number generated* field.

Note: For more information about asset numbers, refer to the “Asset Data Files” chapter later in this guide.

Accounting location coding information

The accounting location structure can have a maximum length of 50 bytes, with a maximum of 12 components. The first 3 bytes of the structure must be the company.

Each accounting location record has three 50-byte fields that provide:

- One actual accounting location field
- Two alternate sequence fields (A and B)

Infinium FA uses the logical files, FALLO7A and FALLO7B, to create reports using the alternate sequences.

If you change the accounting location alternate sequence on the company controls file, you must run the *Mass Maintenance* function, *Mass change acct loc alt seq*, to rebuild the logical files for the accounting locations.

Accounting location controls

The following figure shows the Work With Company Controls screen 2.

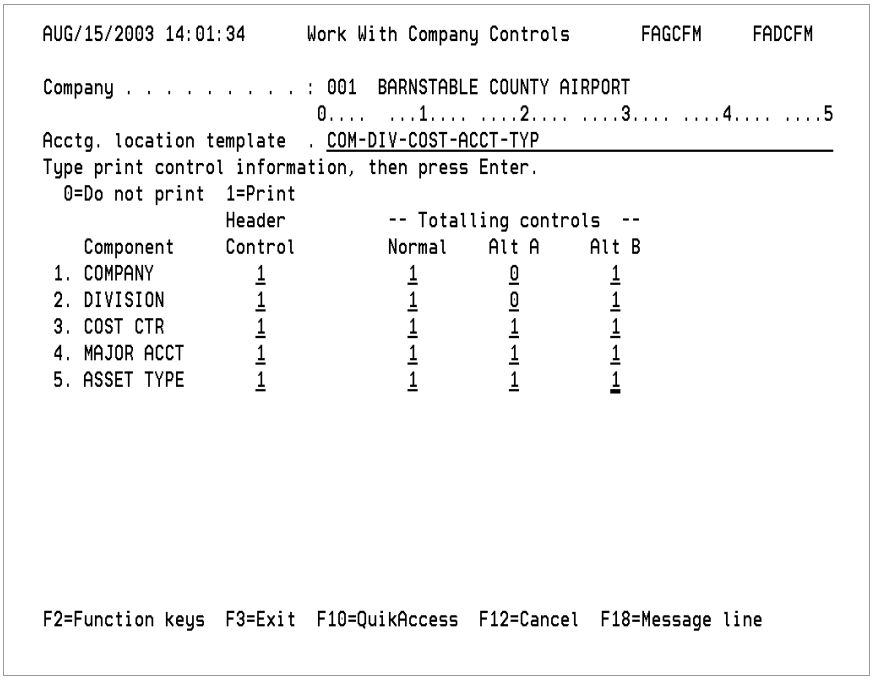


Figure 2-10: Work With Company Controls screen 2

Acctg. location template

The system uses the information in the *Acctg. location template* field to display as a guide in the *Work with accounting locations* function.

The length of the component descriptions in the template should match the length of each component of the accounting location, as shown in the following example.

Acctg. Location template:	COM-DIV-COST-ACCT-TYP
Accounting Location:	001-001-0001-1611-003

Asset Data file control values

The following figure shows the Work With Company Controls screen 3.

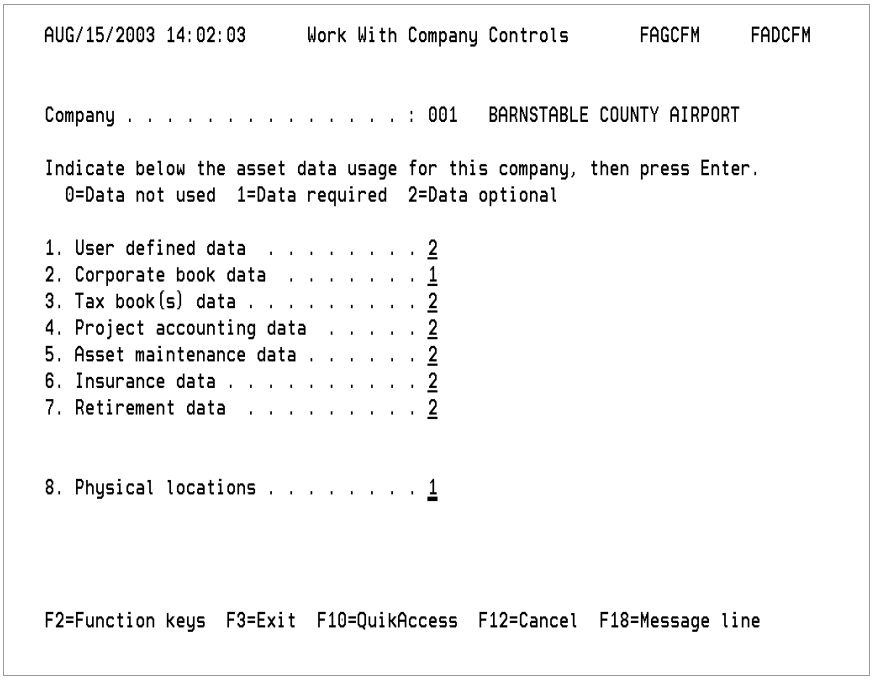


Figure 2-11: Work With Company Controls screen 3

Asset Data Usage Fields

The system controls the creation of asset data files based on the value that you type in each of the asset data usage fields, as shown in the following table.

***Asset data usage* fields**

If you type...	Then the system...
0	Does not allow entry of asset data
1	Requires entry of asset data
2	Allows optional entry of asset data

If you indicated in entity controls that the system requires user field values, you must type **1** in the *User defined data* field on this screen to indicate that the system requires data for the company user fields.

If you type **1** in the *Retirement data* field, the system requires you to create and retire an asset at asset entry.

We recommend that you type **2** in this field to make retirement data optional.

Caution: Do not change your asset data usage settings. Changing these established settings can cause potential maintenance problems.

History and general ledger controls

The following figure shows the Work With Company Controls screen 4.

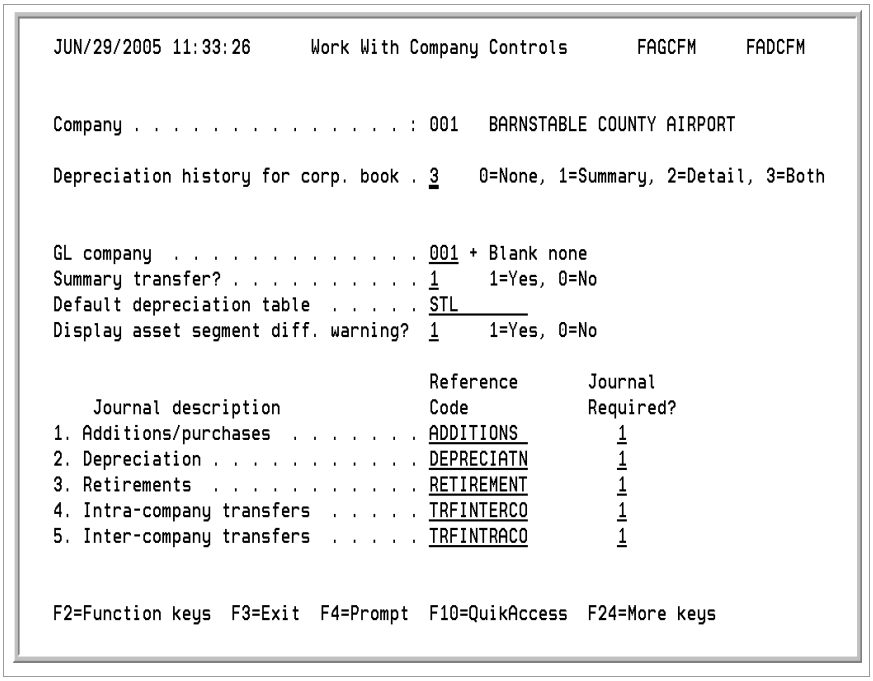


Figure 2-12: Work With Company Controls screen 4

Depreciation history for corp. book

The system manages depreciation history data based on the value in this field, as shown in the following table.

***Depreciation history for corp. book* field**

If the value is...	Then the system does the following...
0	Provides no depreciation history data
1	▪ Stores summary data for up to 13 periods in the Depreciation Summary History file, FAPHS ▪ Creates records for each period end close and generates data totals for each period ▪ Writes records for each company, year and short year combination

***Depreciation history for corp. book* field**

If the value is...	Then the system does the following...
2	▪ Stores detail data for up to 13 periods in the Depreciation Detail History file, FAPHA ▪ Creates records for each period end close and generates data totals for each period ▪ Writes records for each company, year, short year and asset number combination ▪ Depreciation detail history uses considerable disk space because of the volume of data created by storing detail records.
3	Provides both summary and detail data, as listed in this table for values **1** and **2**

We recommend that users type **3** in this field to store depreciation history in both summary and detail.

GL company

To create journals at the period end close, a general ledger company number must exist. The program, FAGCNC, in the entity controls *GL company validation program* field validates the *GL company* number against the Infinium GL file, GLPCN.

Summary transfer?

Data can be transferred to the general ledger in either detail or summary based on the value in this field, as shown in the following table.

***Summary transfer?* field**

If the value is...	Then the system does the following...
1	Transfers the data in summary and writes one record per general ledger account
0	Transfers the data in detail and writes one record per general ledger account and asset number combination

Infinium FA stores the journal transactions in detail, regardless of how the users transfer the transactions. We recommend that users transfer data in summary and store the detail records in the subledger.

Display asset segment diff. warning?

You can specify whether the system displays a warning message window for new assets that you create when you use the copy function in the *Work with asset* option if key base, corporate, and/or tax segment fields have different values. The key fields are the installation date fields and the purchase price and asset cost basis fields.

Display asset segment diff. warning*?* field

If the value is...	Then the system does the following...
1	Displays a warning message window under the circumstances described above
0	Does not display a warning message under the circumstances described above

Journal Required?

The values in these fields affect the journals that the system creates, as shown in the following table.

When users create accounting locations, the system prompts for general ledger accounts based on the values in the *Journal Required?* fields.

***Journal Required?* field**

If the value is...	Then the system...
1	Sets the flags, *ABGFLG* and *AKGFLG*, to create a journal entry for the transaction
0	Does not set a flag, *XXGFLG*, and does not create a journal entry for the transaction

Because accounting methods could change in the future, we recommend that initially users make every journal required for ease of maintenance.

Caution: Changing *Journal Required?* settings affects the journals that the system creates. We recommend that if you do change the settings, you should only do so immediately after a period end close.

Accounting Locations file, FAPLO

Overview

Accounting locations describe the financial location of an account. The system uses accounting locations to select and group assets.

The Accounting Locations file, FAPLO, provides a cross-reference between the accounting location, which the user sees, and the internal location number, which is not visible to the user.

The following table provides a technical overview of the Accounting Locations file, FAPLO.

About Accounting Locations file, FAPLO

Attributes	This file contains at least one record for each accounting location. Whenever you modify an accounting location, the system adds a history record to this file.
Unique key	Each record has three unique keys: ▪ LOLOC - Accounting Location LOLOCN - Internal Location Number LOACK - Acronym ▪ When referring to accounting locations between files, the system ▪ Uses the system-generated Internal Location Number key, LOLOCN, which you cannot change, thus helping to ensure data integrity ▪ Does not use the user-defined Accounting Location key, LOLOC, which you can change, thus decreasing the possibility of error
Prerequisites	Both the Entity Control file, FAPEC, and the Company Controls file, FAPCF, must exist. An Infinium GL company and chart of accounts must also exist if you are interfacing to Infinium GL.

About Accounting Locations file, FAPLO	
Suitability for conversion	Converting this file should be done only if reliable source data is available. **Note:** For more information about the conversion shell program, FAGALOC, refer to the “Conversion Issues” chapter later in this guide.
Alternative to conversion	You can manually create this file by using the *Work with accounting locations* function in *Control File Maintenance*.

Field information

This topic provides field information from a technical viewpoint to help you understand the Accounting Locations file, FAPLO. You can access the accounting locations screens as follows:

1. From the Infinium FA main menu, select *Control File Maintenance*.
2. Select *Application Control Files*.
3. Select *Work with accounting locations* [WWAL].

Accounting location hierarchy

The following figure shows the Work With Accounting Locations screen 1.

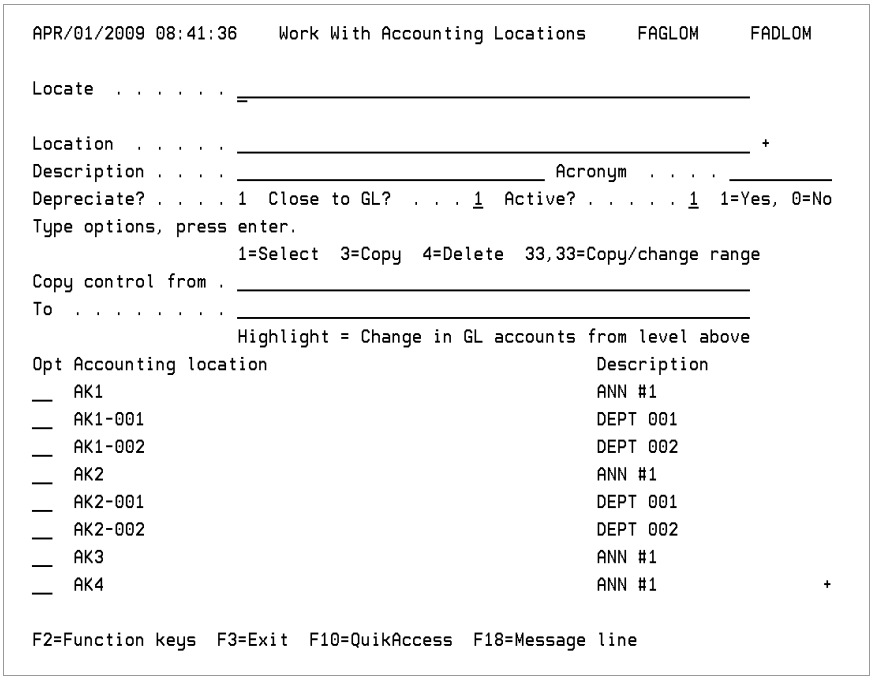


Figure 2-13: Work With Accounting Locations screen 1

Locate

The system displays the accounting location template just below the *Locate* field. This template provides a guide for typing an accounting location.

Accounting locations must have a hierarchical structure. Each level of the hierarchy provides the dependent component for the next level, as shown in the following example.

You must create...	Before you can create...
001	001-001
001-001	001-001-0001
001-001-0001	001-001-0001-1234

Depreciate?

The system provides a default value of **1** in the *Depreciate* field. You cannot interactively update this field.

Close to GL?

The system provides a default value of **1** in the *Close to GL* field. A value of **1** in this field allows users to add assets to an accounting location. A value of **0** restricts users from adding assets to an accounting location.

Users cannot change this field value from **1** to **0** once the system assigns an asset to an accounting location.

If your company interfaces to a general ledger system, a value of **1** in this field also allows users to type general ledger account numbers for transactions associated with assets in that accounting location.

See Figure 2-14, Work With Accounting Locations screen 2.

Active?

You can add assets only to active locations.

A value of **1** in this field allows the system to add new assets to the accounting location.

A value of **0** in this field restricts the system from adding new assets but allows existing assets to process normally.

The *Active* flag can be toggled from active to inactive at any time.

General ledger accounts associated with accounting locations

The following figure displays the Work With Accounting Locations screen 2.

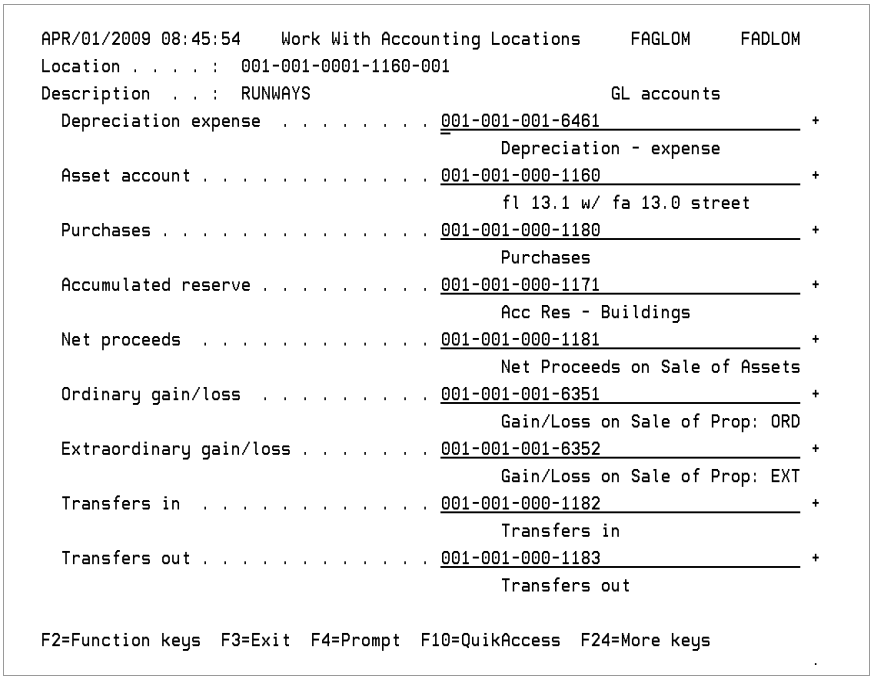


Figure 2-14: Work With Accounting Locations screen 2

GL accounts

This screen shows the general ledger accounts that can be associated with an accounting location. When the user exits from this screen, the system does the following:

- Uses the program in the entity controls *GL account validation program* field to validate the accounting location values in the *GL accounts* fields on this screen
- Saves the accounting location record

Calling the General Ledger Chart of Accounts program

To view the General Ledger Chart of Accounts screen, the user can press F4. The system calls the Infinium GL Chart of Accounts Display program, GLGCTD. See Figure 2-15.

```
 4/01/2009 08:46:50   Display Chart of Accounts      GLGCTD     GLDCTD

                          COM-DIV-DEP-ACCT-SUB                  Page 1 of 1
Locate account/mask . . . 001-001-001-6461
Use(1) . _ +   Type(2) . _ +   Budget?(3) . _   Generic?(4) . _   Active?(5) _

Valid from year/period  . . ____ + __   Valid to year/period  . . . ____ +  __
Account user fields . . __________ +  __________ +  __________ +  __________ +

Opt  COM-DIV-DEP-ACCT-SUB               Description               1 2 3 4 5

 =   001-001-001-6461                   Depreciation - expense    M E 1 1 1
 _   001-001-001-6463                   Depreciation - Vehicles   M E 1 1 1
 _   001-001-001-6464                   Depreciation - Office Equ M E 1 1 1
 _   001-001-001-6465                   Depreciation - Furniture  M E 1 1 1
 _   001-001-001-6467                   Depreciation - Buildings  M E 1 1 1
 _   001-001-001-6470                   Rent Expense              M E 1 1 1
 _   001-001-001-6471                   Property Tax Expense      M E 1 1 1
 _   001-001-001-6472                   Federal Income Tax Expens M E 1 1 1
 _   001-001-001-6473                   Sales Tax Expense         M E 1 1 1
 _   001-001-001-6474                   VAT Expense Account       M E 1 1 +
Type any character to select, press Enter
F2=Function keys  F3=Exit  F4=Prompt  F5=Fold/Unfold  F24=More keys
```

Figure 2-15: Display Chart of Accounts screen

This screen provides the general ledger accounts for the journals that users previously selected at the company controls *Journal Required?* field in Figure 2-12.

Corporate Book Controls file, FAPBO

Overview

The system uses the Corporate Book Controls file, FAPBO, primarily for editing purposes during the *Work with asset* function and for calculation of depreciation.

This file performs these functions:

- Establishes accounting calendars (must be consecutive)
- Provides default information and control values for assets added to the corporate book segment
- Allows corporate standards to be specified on a year-to-year basis

The following table provides a technical overview of the Corporate Book Controls file, FAPBO.

About Corporate Book Controls file, FAPBO

Attributes	This file contains one record for each company/year/short year combination.
Unique key	Each record has three unique keys: ▪ BOCO - Company Number ▪ BOYEAR - Accounting Year ▪ BOSHRT - Short Year
Prerequisites	The following must exist: ▪ Entity Control file, FAPEC ▪ Company Controls file, FAPCF ▪ Accounting year, **AYR**, code values in the Company Code Values file, FAPCV
Suitability for conversion	This file is not suitable for conversion because it contains only one record per company/year/book combination.

About Corporate Book Controls file, FAPBO	
Alternative to conversion	You can manually create this file by using the *Work with corporate book control* function in *Control File Maintenance*.

Field information

This topic provides field information from a technical viewpoint to help you understand the Corporate Book Controls file, FAPBO. You can access the corporate book controls screens as follows:

1. From the Infinium FA main menu, select *Control File Maintenance*.
2. Select *Application Control Files*.
3. Select *Work with corporate book control* [WWCBC].

The following figure shows the Work With Corporate Book Controls prompt screen.

```
APR/01/2009 08:51:03   Work With Corporate Book Control    FAGBOM     FADBOM



Company . . . . . 001 +
Book year . . . . . 2008 +
Short year? . . . . . 0


To copy another corporate book control, enter the following information.


Copy like company . . . . . ___ +
Book year . . . . . ____ +
Short year? . . . . . 0









F2=Function keys  F3=Exit  F4=Prompt  F10=QuikAccess  F18=Message line
```

Figure 2-16: Work With Corporate Book Control prompt screen

Short year?

A value of **0** in the *Short year?* field specifies a full accounting year of 12 or 13 periods. A value of **1** through **9** in this field specifies a short accounting year of less than 12 periods.

Corporate book data for full year

The following figure shows the Work With Corporate Book Controls Full Year screen, which displays depreciation data for a full accounting year.

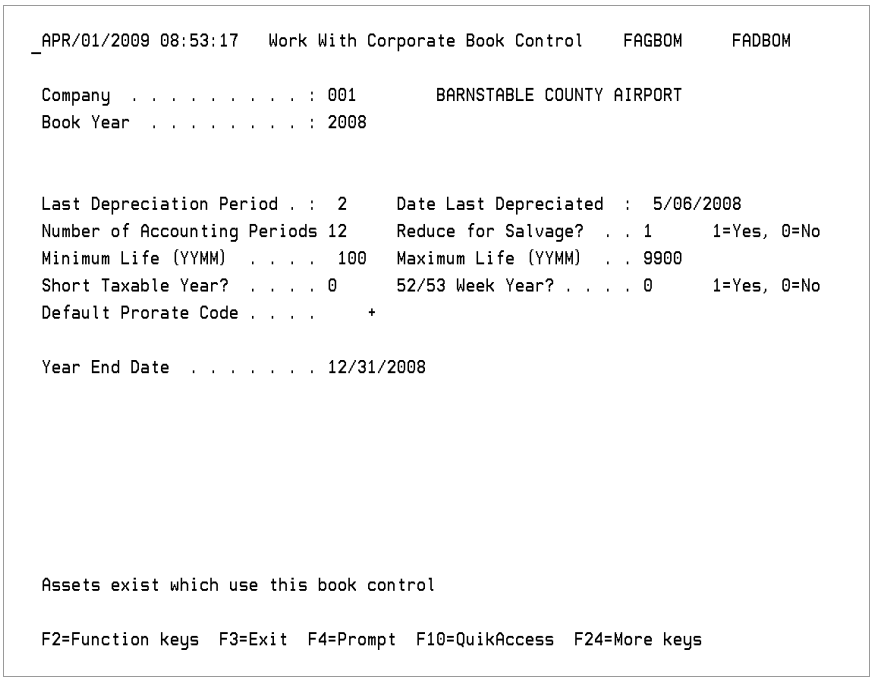


Figure 2-17: Work With Corporate Book Control full year screen

Number of Accounting Periods

A value of **12** or **13** in the *Number of Accounting Periods* field indicates the number of periods of depreciation in the accounting year. All books within a company must be either 12 or 13 periods, and this value cannot be changed from year to year.

Corporate books must be created sequentially, without gaps or overlap, from the time of the earliest installation date to the current year.

Reduce for Salvage?

A value of **1** in the *Reduce for Salvage* field allows the system to reduce the cost basis by the salvage value to determine the depreciable basis.

Default Prorate Code

The value in the *Default Prorate Code* field determines when depreciation begins and ends. The system uses the default prorate code value for all new assets installed in this book year.

Corporate book data for short year

The following figure shows the Work With Corporate Book Controls Short Year screen, which displays depreciation data for a short accounting year.

The system displays this screen if the user had previously typed a value of **1** through **9** in either of these fields:

- The *Short year?* field on the Work With Corporate Book Controls prompt screen
- The *Short Taxable Year* field on the Work With Corporate Book Controls Full Year screen.

```
APR/01/2009 08:58:37   Work With Corporate Book Control    FAGBOM     FADBOM

Company  . . . . . . . . . : 001        BARNSTABLE COUNTY AIRPORT
Book Year  . . . . . . . . : 2008


Last Depreciation Period . :        Date Last Depreciated  :  5/06/2008
Number of Accounting Periods 12     Reduce for Salvage?  . . 1      1=Yes, 0=No
Minimum Life (YYMM)  . . . .  911   Maximum Life (YYMM)  . .  911
Short Taxable Year?  . . . . 1      52/53 Week Year? . . . . 0      1=Yes, 0=No
Default Prorate Code . . . .     +
Year Begin Date  . . . . . . 01/01/2008
Year End Date  . . . . . . . 11/30/2008
First Accounting Year? . . . 0    1=Yes, 0=No









F2=Function keys  F3=Exit  F4=Prompt  F10=QuikAccess  F24=More keys
```

Figure 2-18: Work With Corporate Book Control short year screen

First Accounting Year?

The value in the *First Accounting Year?* field should always be **0** unless this is the first year that the company is in existence.

Corporate book calendar

The following figure shows the Work With Corporate Book Controls Accounting Periods screen, which displays the calendar for this corporate book year.

When the user adds a new asset to Infinium FA, the system accesses this calendar to determine the appropriate period for installation.

```
APR/01/2009 08:59:43   Work With Corporate Book Control    FAGBOM     FADBOM

Company . . . . . : 001         BARNSTABLE COUNTY AIRPORT
Book Year . . . . . : 2008

Accounting Period Controls

 Period Name        Period Beginning Date       Period Ending Date
 1.   JAN               1/01/2008                  1/31/2008
 2.   FEB               2/01/2008                  2/29/2008
 3.   MAR               3/01/2008                  3/31/2008
 4.   APR               4/01/2008                  4/30/2008
 5.   MAY               5/01/2008                  5/31/2008
 6.   JUN               6/01/2008                  6/30/2008
 7.   JUL               7/01/2008                  7/31/2008
 8.   AUG               8/01/2008                  8/31/2008
 9.   SEP               9/01/2008                  9/30/2008
 10.  OCT              10/01/2008                 10/31/2008
 11.  NOV              11/01/2008                 11/30/2008
 12.  DEC              12/01/2008                 12/31/2008


F2=Function keys  F3=Exit  F10=QuikAccess  F12=Cancel  F18=Message line
```

Figure 2-19: Work With Corporate Book Control accounting period screen

Period Name
Period Ending Date

Before adding assets for this year to the system, users can update the *Period Name* and *Period Ending Date* fields. However, users cannot change the end date for the last period in the *Period Ending Date* field.

The system determines the end date for the last period of the year by using the date in the *Year End Date* field on either the full year or short year screen.

After adding assets to the system, users can change only the *Period Name* fields.

Users can set up the Infinium FA accounting period to correspond to the general ledger accounting period, but this is not required.

Tax Book Controls file, FAPTB

Overview

The system uses the Tax Book Controls file, FAPTB, primarily for editing purposes during the *Work with asset* function and for calculation of depreciation. The following information applies to tax books:

- The U.S. Federal tax book provides a basis for federal tax reporting.
- The system allows users to create only one U.S. Federal tax book, but users can create up to 99 alternate tax books.
- The U.S. Federal tax book can have only 12 periods, but all other tax books can have either 12 or 13 periods.
- Tax books do not close to the general ledger.

The following table provides a technical overview of the Tax Book Controls file, FAPTB.

About Tax Book Controls file, FAPTB

Attributes	This file contains tax data, including: ▪ Tax ID number and default regulation ▪ Number of accounting periods ▪ Year begin/end dates and short year designation ▪ Alternate Federal tax elections
Unique key	Each record has four unique keys: ▪ TBCO - Company Number ▪ TBBOOK - Tax Book Name ▪ TBYEAR - Accounting Year ▪ TBSHRT - Short Year

About Tax Book Controls file, FAPTB	
Prerequisites	The following must exist: ▪ Entity Control file, FAPEC ▪ Company Controls file, FAPCF ▪ Accounting year code values in the Company Code Values file, FAPCV
Suitability for conversion	This file is not suitable for conversion because it contains only one record per company/year/book combination.
Alternative to conversion	You can manually create this file by using the *Work with tax book control* function in *Control File Maintenance*.

Field information

This topic provides field information from a technical viewpoint to help you understand the Tax Book Controls file, FAPTB. You can access the tax book controls screens as follows:

1. From the Infinium FA main menu, select *Control File Maintenance*.
2. Select *Application Control Files*.
3. Select *Work with Tax book controls* [WWTBC].

The following figure shows the Work With Tax Book Controls prompt screen.

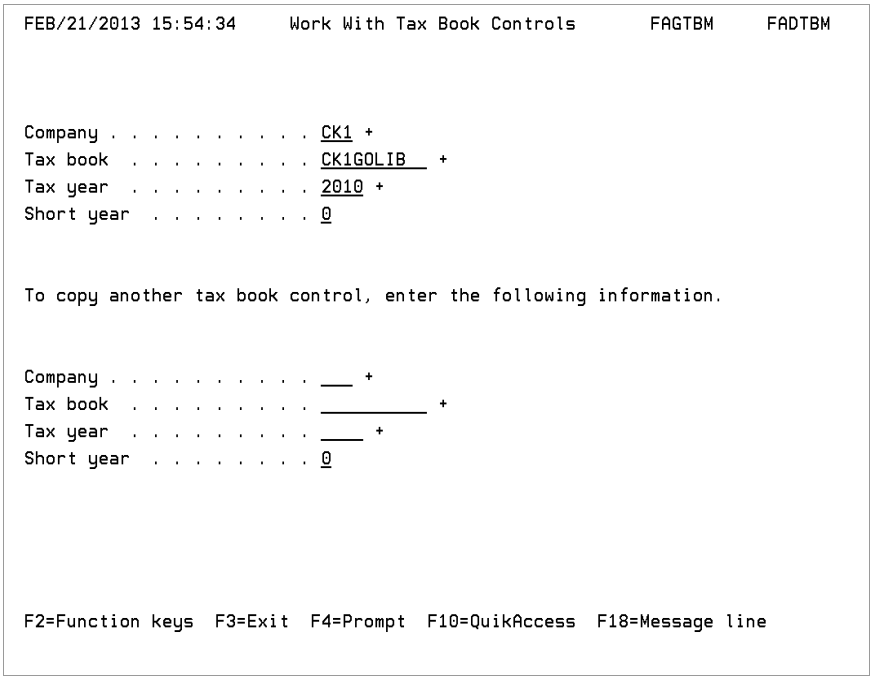


Figure 2-20: Work With Tax Book Controls prompt screen

Short year

A value of **0** in the *Short year* field specifies a full accounting year. A value of **1** through **9** in this field specifies a short accounting year.

Tax book

When you set up the U.S. Federal tax book controls, the value in the *Tax book* field on this screen must be the same value as in the *Federal tax book name* field on the Work With Company Controls screen 1 in Figure 2-9.

You must set up tax book controls consecutively from the earliest installation date to the current year.

Tax book data for full year

The following figure shows the Work With Tax Book Controls Full Year screen.

```
FEB/21/2013 15:59:39     Work With Tax Book Controls       FAGTBM     FADTBM

Company . . . . . : CK1         CAROL'S COMPANY #1
Tax book  . . . . . : CK1GOLIB
Tax year  . . . . . : 2010
Last depreciation period  :               Date last depreciated
Tax book description  . . : FEDERAL TAX BOOK
Tax ID number . . . . . :
Taxing authority  . . . . : USA       USA
Default tax regulation  . : ACR       ACCELERATED COST RECOVERY SYS.
Accounting periods  . . . : 12
Minimum life (YYMM) . . . :  100          Maximum life (YYMM)  : 9900
Short taxable year  . . . : 0             52/53 week year? . . : 0  1=Yes, 0=No

Tax year end date . . . . : 12/31/2010

                                              Gulf Zone property? 1 1=Yes, 0=No
Section 179 expense limit :        500000.00  Threshold  . . :       2000000.00
                                              Expense taken                .00
Used ITC limit  . . . . . :        150000.00  Used ITC taken :             .00
Salvage reduction?  . . . . 0              Anti-churning rules  . 0  1=Yes, 0=No
Mid-quarter convention? . . 0
F2=Function keys  F3=Exit  F10=QuikAccess  F12=Cancel  F24=More keys
```

Figure 2-21: Work With Tax Book Controls full year screen

Tax year end date

Type an appropriate year end date for a full accounting year. The value you type in this field determines the end date for the Tax Book calendar.

If you had indicated a short accounting year, this screen expands with additional fields that require you to type a year begin and end date.

Alternate tax election

If you are not using the regular election, ACR, you can use an alternate tax election.

The following figure shows the Work With Tax Book Controls Modified ACRS Election screen.

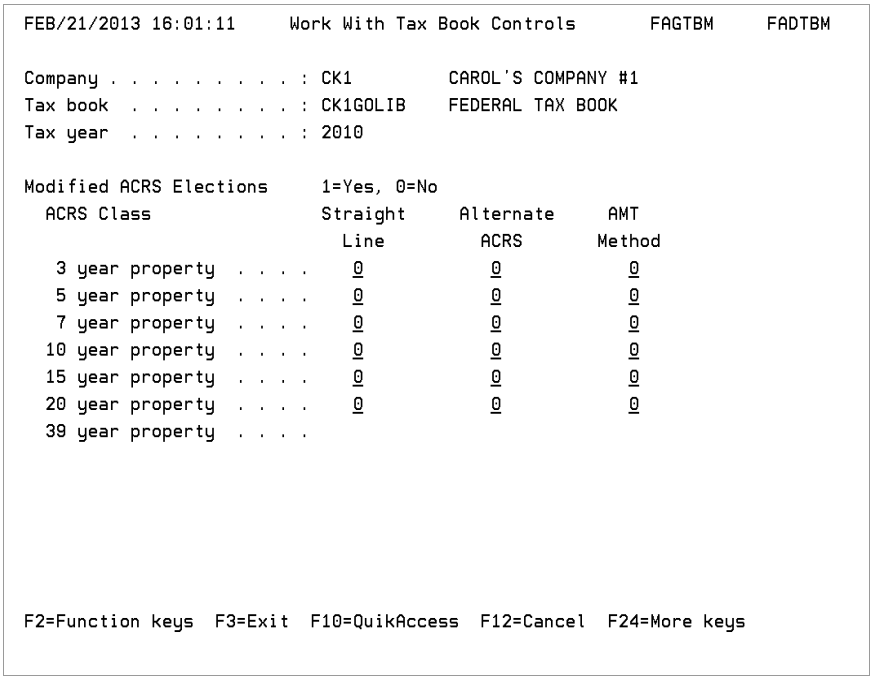


Figure 2-22: Work With Tax Book Controls modified ACRS election screen

ACRS Class

You cannot change an election for a specific class of property if any assets exist for that class in the designated book year. The system performs the elections on a year-by-year, class-by-class basis.

Election Out Bonus Depreciation

The following figure shows the Work With Tax Book Controls Election Out Bonus Depreciation screen.

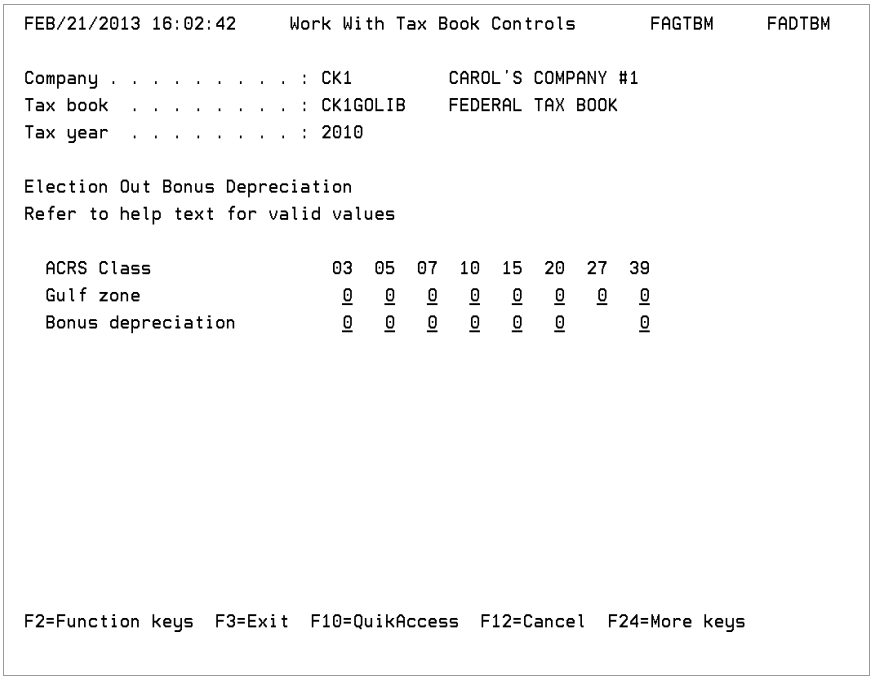


Figure 2-23: Work With Tax Book Controls elect out of bonus depreciation

This screen allows you to elect out of the bonus depreciation for different classes of assets.

Gulf Zone Election Out Bonus Depreciation

Specify for each asset class whether you want to elect out of the bonus depreciation.

If the value in this field is **0** (No), which is the default, bonus depreciation is calculated at the appropriate rate for qualifying property based on the installation date.

Type **1** (Yes) to elect out of bonus depreciation. When the value in this field is **1**, bonus depreciation is not calculated for all assets in that asset class placed in service in that year.

Note: Once asset depreciation has been calculated, you cannot change the election.

Bonus depreciation Election Out Bonus Depreciation

This field allows you to elect out of the bonus depreciation. Valid values are:

0 When the value in this field is **0** (No), which is the default, bonus depreciation is automatically calculated at the appropriate rate for qualifying property based on the installation date.

1 Type **1** (Yes) to elect out of bonus depreciation. When the value in this field is **1**, bonus depreciation is not calculated for all assets in that asset class placed in service in that year.

2 Type **2** (Elect out 50%) to elect the 30% bonus depreciation instead of 50% bonus for assets installed after May 5, 2003. The bonus depreciation is calculated at 30% for all assets in that asset class placed in service in that year.

3 Type **3** (Elect out 30%, Claim 50%) to elect out of the 30% bonus depreciation for assets installed before May 6, 2003, but to claim 50% bonus depreciation for assets installed after May 5, 2003.

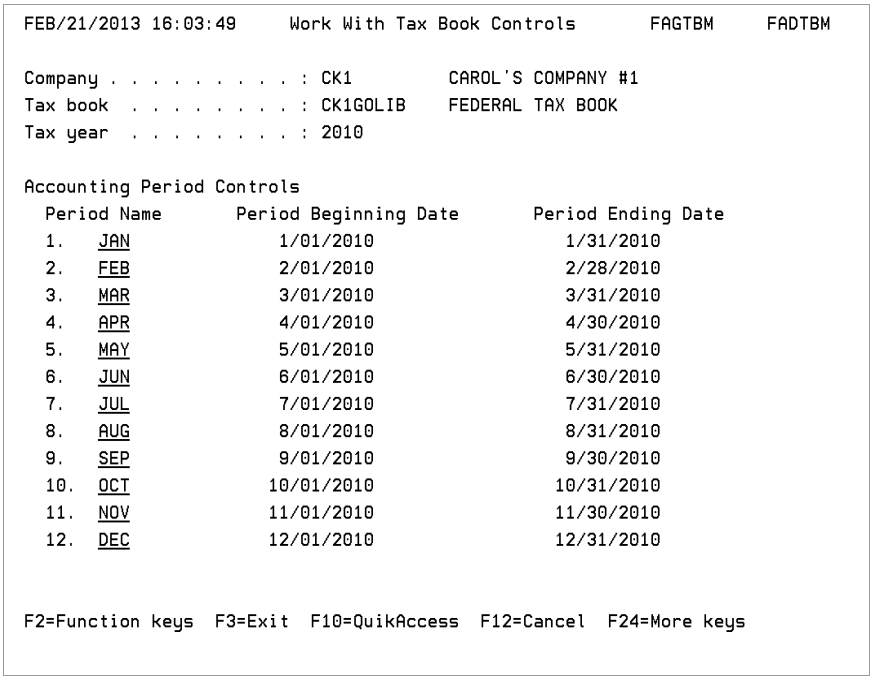
4 Type **4** (Claim 30%, Elect out 50%) to claim the 30% bonus depreciation for assets installed before May 6, 2003, but to elect out of the 50% bonus depreciation for assets installed after May 5, 2003.

5 Type **5** (Claim 50%, Elect out 100%) to claim the 50% bonus depreciation for assets installed into tax books that include the date September 9,2010, but to elect out of the 100% bonus depreciation for assets installed between September 9, 2010 - December 31, 2012.

Tax book calendar

The system refers to the tax book calendar to determine the appropriate installation period based on the asset installation date.

The following figure shows the Work With Tax Book Controls Accounting Periods screen.



```
FEB/21/2013 16:03:49     Work With Tax Book Controls       FAGTBM     FADTBM

Company . . . . . : CK1         CAROL'S COMPANY #1
Tax book  . . . . . : CK1GOLIB    FEDERAL TAX BOOK
Tax year  . . . . . : 2010

Accounting Period Controls
  Period Name       Period Beginning Date       Period Ending Date
  1.   JAN              1/01/2010                  1/31/2010
  2.   FEB              2/01/2010                  2/28/2010
  3.   MAR              3/01/2010                  3/31/2010
  4.   APR              4/01/2010                  4/30/2010
  5.   MAY              5/01/2010                  5/31/2010
  6.   JUN              6/01/2010                  6/30/2010
  7.   JUL              7/01/2010                  7/31/2010
  8.   AUG              8/01/2010                  8/31/2010
  9.   SEP              9/01/2010                  9/30/2010
  10.  OCT             10/01/2010                 10/31/2010
  11.  NOV             11/01/2010                 11/30/2010
  12.  DEC             12/01/2010                 12/31/2010


F2=Function keys  F3=Exit  F10=QuikAccess  F12=Cancel  F24=More keys
```

Figure 2-24: Work With Tax Book Controls accounting periods screen

Period Name
Period Ending Date

Users can edit only the *Period Name* fields.

The system determines the end date for the last period of the year by using the date that you typed in the *Tax year end date* field on either the full year or short year screen.

Current Accounting Year Controls file, FAPCA

Overview

The system uses this file to implement period closing independence between books.

The following table provides a technical overview of the Current Accounting Year Controls file, FAPCA.

About Current Accounting Year Controls file, FAPCA

Attributes	This file identifies the current accounting year for a particular corporate book or tax book.
Unique key	Each record has four unique keys: ▪ CACO - Company Number ▪ CABOOK - Corporate Book or Tax Book Name ▪ CAYEAR - Current Accounting Year ▪ CASY - Short Year
Prerequisites	Before you assign a current accounting year to a book, the following must exist: ▪ Corresponding corporate or tax book controls ▪ Accounting year code values in the Company Code Values file, FAPCV
Suitability for conversion	This file is not suitable for conversion because it contains only one record per company/year/book combination.
Alternative to conversion	You can manually create this file by using the *Work with accounting years* function in *Control File Maintenance*.

Field information

This topic provides field information from a technical viewpoint to help you understand the Current Accounting Year Controls file, FAPCA. You can access the current accounting year controls screens as follows:

1 From the Infinium FA main menu, select *Control File Maintenance*.

2 Select *Application Control Files*.

3 Select *Work with accounting years* [WWAY].

The following figure shows the Work With Accounting Years Controls screen.

```
JUN/07/2006 15:49:21      Work With Accounting Years       FAGCAM     FADCAM

All companies are displayed

Type options, press Enter.
  0=Undo deletion  4=Delete record

Opt   Company     Book Name     Current Year    Begin Date    End Date
 _    M01         BOOK             2006  0      1/01/2006     12/31/2006
 _    M01         FED              2005  0      1/01/2005     12/31/2005
 _    M01         MA               2005  0      1/01/2005     12/31/2005
 _    M01         NY               2005  0      1/01/2005     12/31/2005
 _    M01         TX               2005  0      1/01/2005     12/31/2005
 _    M02         BOOK             2006  0      1/01/2006     12/31/2006
 _    M02         FED              2006  0      1/01/2006     12/31/2006
 _    M02         MA               2006  0      1/01/2006     12/31/2006
 _    M03         BOOK             2006  0      1/01/2006     12/31/2006
 _    M03         FED              2006  0      1/01/2006     12/31/2006
 _    M04         BOOK             2006  0      1/01/2006     12/31/2006
 _    M04         FED              2006  0      1/01/2006     12/31/2006
 _    M05         FED              2006  0      1/01/2006     12/31/2006     +

F2=Function keys  F3=Exit  F5=Refresh  F10=QuikAccess  F24=More keys
```

Figure 2-25: Work With Accounting Years control screen

Current Year

Type the current accounting year for each book that you defined in the *Work with corporate book control* or *Work with tax book control* function.

Always set the current accounting year manually at conversion. Thereafter, year end processing initializes the year by incrementing the current year to the next year.

Notes

Chapter 3 Asset Data Files

3

The chapter consists of the following topics:

Overview

Each asset data file contains a specific type of information for an asset. The system provides the following nine asset data files:

- FAPAB Asset Root Master (Base Data) file
- FAPAX Asset Descriptive Text file
- FAPAU Asset User Data file
- FAPAK Asset Corporate Book file
- FAPAF Asset Tax Book file
- FAPAM Asset Maintenance file
- FAPAI Asset Insurance file
- FAPAY Asset Project Accounting Segment file
- FAPAR Asset Retirement file

Objectives

After you complete this chapter, you should be familiar with:

- Asset data file attributes and prerequisites
- The importance of the internal asset number and asset activity flag
- Information you need for working with and displaying asset data
- Information on like-kind asset exchange files

Asset data file descriptions

Attributes

The table below provides information about the asset data file attributes.

This asset data file...	Does the following...
FAPAB Asset Root Master (Base Data) file	Acts as a cross reference between the asset primary number, ABASSU, and component number, ABASSC, combination and the internal asset number, ABASSN. Maintains physical and accounting locations and their internal location number format, ABPLCN and ABALCN respectively.
FAPAX Asset Descriptive Text file	Allows up to 800 characters of description in the *Asset Text* field. Contains only one record per internal asset number. FAPAX is the only asset data file that has does not have an asset activity flag. Because FAPAX has no asset activity flag, the system does not store history on this segment.
FAPAU Asset User Data file	Stores alphanumeric, numeric, and date type user field information.
FAPAK Asset Corporate Book file	Contains corporate book depreciation information, such as: ▪ Installation date ▪ Corporate depreciation method ▪ Asset cost basis ▪ Accumulated reserve ▪ Year-to-date and current depreciation

This asset data file...	Does the following...
FAPAF Asset Tax Book file	Contains tax book depreciation information, such as: ▪ Installation date ▪ Depreciation table ▪ Asset cost basis ▪ Tax regulation ▪ Tax class
FAPAM Asset Maintenance file	Contains asset maintenance information, such as: ▪ Current cost ▪ Year-to-date cost ▪ Frequency of maintenance ▪ Last maintenance date ▪ Contract expiration date
FAPAI Asset Insurance file	Contains asset insurance information, such as: ▪ Appraised amount ▪ Replacement value ▪ Actual cash value
FAPAY Asset Project Accounting Segment file	Contains information about the progress of projects, such as: ▪ Start date ▪ Budgeted amount ▪ Project company ▪ Project number ▪ Activity number ▪ Completed date

This asset data file...	Does the following...
FAPAR Asset Retirement file	Contains information about the retirement of assets, such as: ▪ Retirement date ▪ Retirement proceeds ▪ Gain/loss data FAPAR can contain more than one active record per asset, because an asset can be partially retired any number of times or retired from many books, thus creating separate records for each retirement.

Internal asset number

Each asset data file contains a 5-byte, 9-character, system-generated internal asset number that does the following:

- Tracks assets through Infinium FA
- Serves as the unique key that links the Base Data file to all other data files

The internal asset number, *ABASSN*, must be unique, whereas the asset primary and component number combination, *ABASSU* and *ABASSC,* must be unique only within company.

For any data file, the *Internal Asset#* field name is *XXASSN*, in which *XX* is the data file extension.

For example:

- *ABASSN* Asset Base Data file internal asset number
- *AKASSN* Asset Corporate Book file internal asset number

When you create an asset, the system assigns the internal asset number by incrementing the entity controls internal asset number by **1**, as shown in the following sample equation:

ABASSN = *ECASSN* + **1**

The system stores the last internal asset number in the *Internal Asset#* field, *ECASSN*, on the Entity Control file, FAPEC.

Asset activity flag

An internal asset number can occur more than once in an asset data file because the system maintains history for all asset data transactions. The system stores the asset data history type in the asset *Activity Flag* field, *XXAFLG*, in which *XX* is the asset data file extension. For example:

- *AKAFLG* Asset Corporate Book file activity flag
- *AUAFLG* Asset User Data file activity flag

The system sets an asset activity flag on each asset data file, except the Text file, FAPAX.

Prerequisites

You can update the asset data files only if the following controls exist:

- FAPEC Entity Control
- FAPCF Company Controls
- FAPLO Accounting Locations
- FAPCV Codes Values (minimum requirement - AYR type)
- FAPPL Physical Locations
- FAPBO Corporate Book Controls
- FAPTB Tax Book Control
- FAPCA Current Accounting Year Controls

The system requires FAPPL and FAPTB only if you are planning to use physical locations and tax book information for your assets.

Suitability for conversion

You should convert asset data file information only if reliable source data is available. For more information about conversion, see the “Conversion Issues” chapter later in this guide.

Alternative to conversion

You can manually enter data in these files by using the *Work with asset* function in *Asset Maintenance and Transfer*.

Working with and displaying assets

The Work With Asset and Display Asset screens provide information that is important for a technical understanding of assets.

Screen display format

For classroom training purposes, this chapter displays the screens on facing pages for ease of viewing and comparison.

Selecting the *Work with asset* function

1. From the Infinium FA main menu, select *Asset Maintenance and Transfer*.
2. Select *Asset Maintenance*.
3. Select *Work with asset* [WWA].

Selecting the *Display asset* function

1. From the Infinium FA main menu, select *Asset Display and Print*.
2. Select *Display Assets*.
3. Select *Display asset* [DA].

Asset prompt screens

The following figure shows the Work With Asset prompt screen:

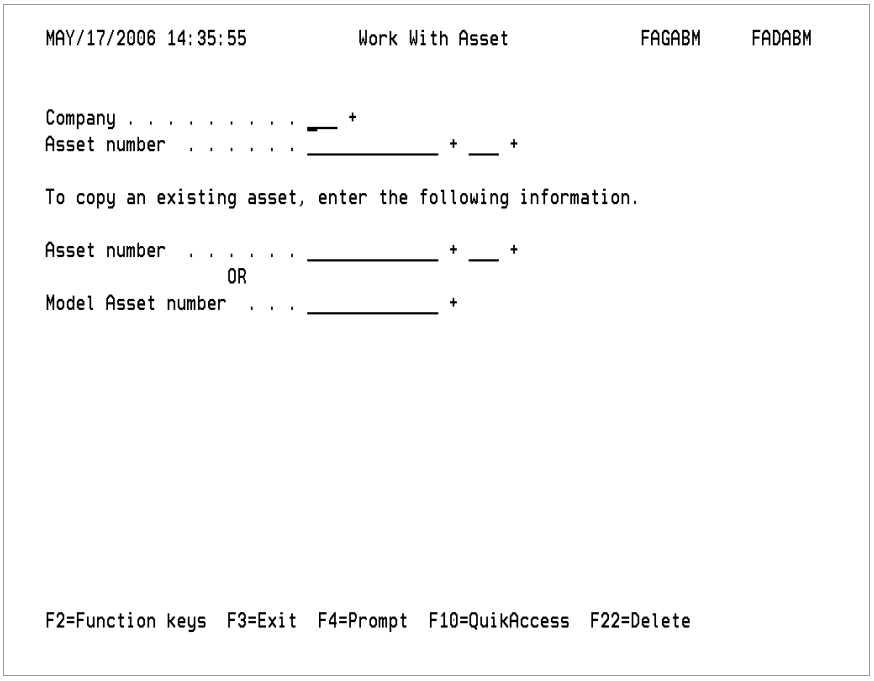


Figure 3-1: Work With Asset prompt screen

To create a new asset or work with an existing asset, users can type a company in the *Company* field and an asset number in the *Asset number* field.

Note: If the system is set up to generate asset numbers, the *Asset number* field must be blank.

To create a new asset based on the attributes defined for an existing asset, users can type a company in the *Company* field and the asset number from an existing asset in the copy *Asset number* field.

To create a new asset based on the attributes defined for an existing model asset, users can type a company in the *Company* field and the model asset in the *Model Asset number* field. Model assets are defined at the entity level and can be used for asset creation in all companies.

To save an asset in the database, the user must press Enter through all of the required screens.

The following figure shows the Display Asset prompt screen:

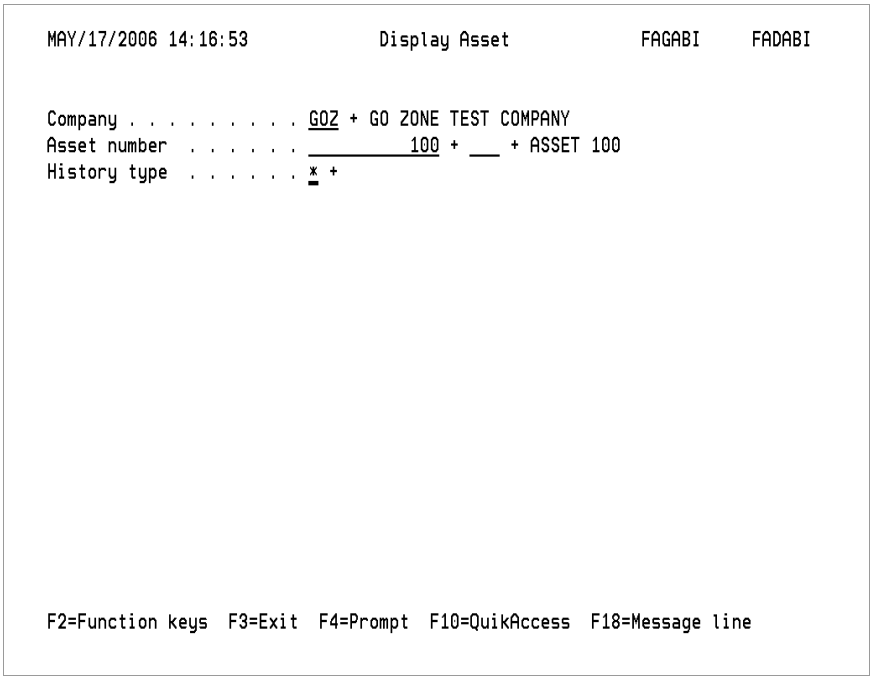


Figure 3-2: Display Asset prompt screen

To display an asset, users can type a company in the *Company* field and an asset number in the *Asset number* field.

The value in the *History type* field determines the next screen that the system displays, as shown in the table below.

If the value you specify in the *History type* field is...	Then the system displays a screen that lists...
Any one of these history types: **C**, **D**, **L**, **M**, **N**, **P**, **Q**, **R**, **T**, or **X**	All records for the specified history type for the asset.
Blank	All active segment types for the asset.
*****	A full audit trail with all active records and history records for the asset.

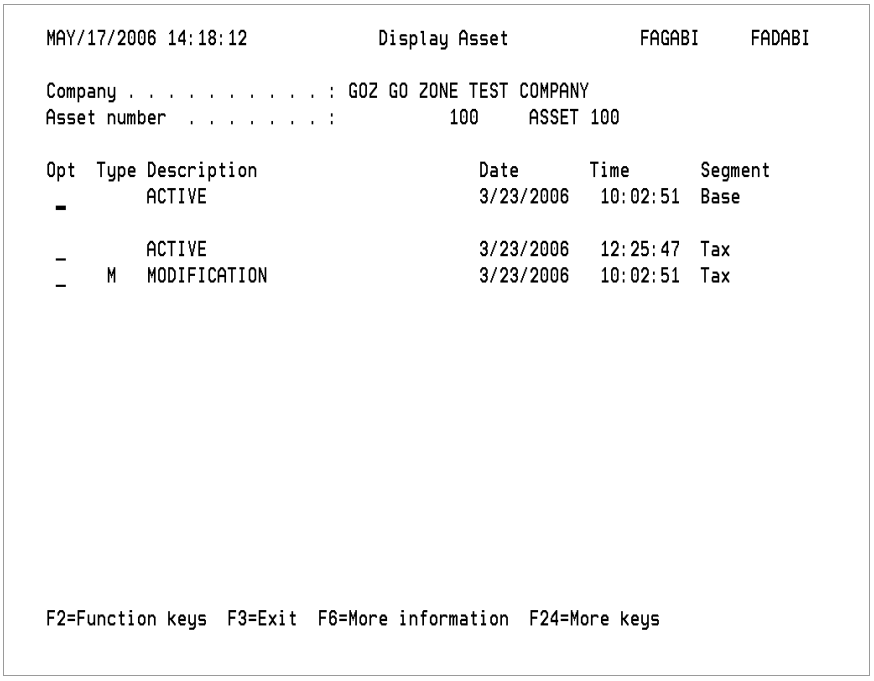


Figure 3-3: Display Asset segment selection screen

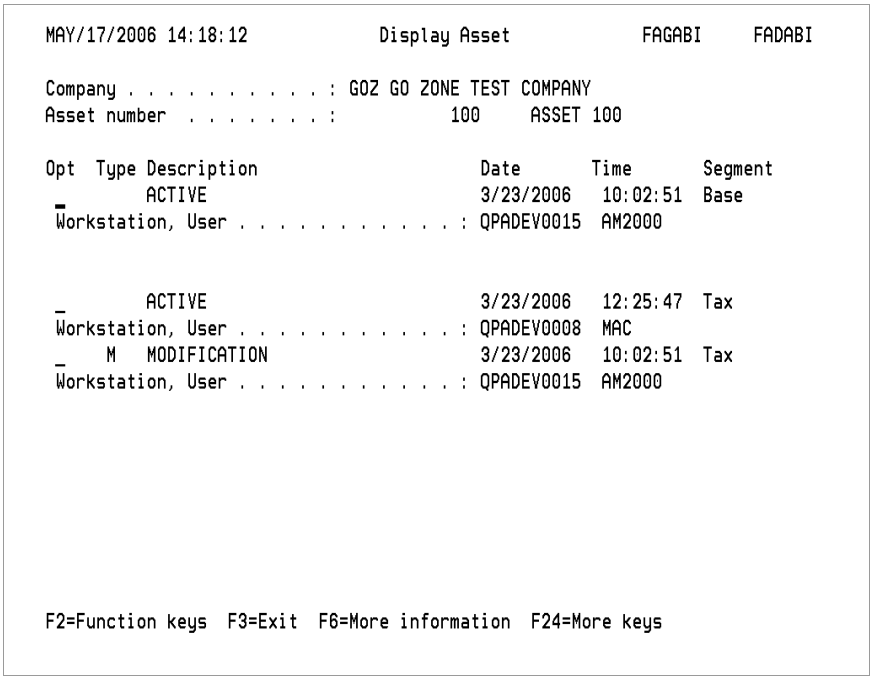


Figure 3-4: Display Asset audit trail screen

The system displays the above screen when you press F6 from the Display Asset segment selection screen.

Asset segment-type selection screens

The following figures show the Work With Asset segment type selection screen and the Work With Asset status screen:

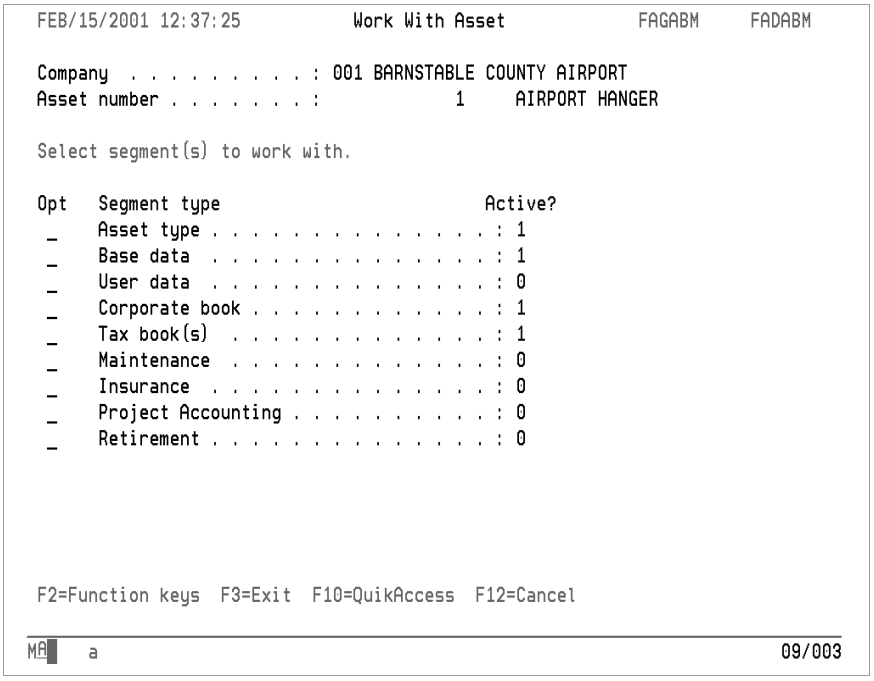


Figure 3-5: Work With Asset segment type selection screen

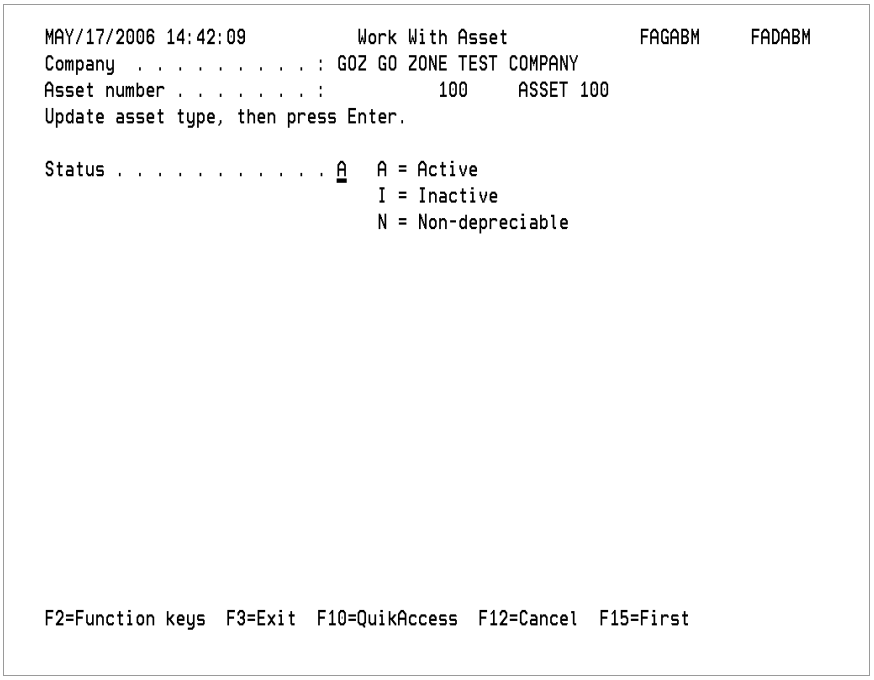


Figure 3-6: Work With Asset status screen

On the segment type selection screen, users can type any character in the *Opt* column to select a segment type. On the status screen, users can update the status of an asset.

The following figure shows the Display Asset Segment Type/Status screen:

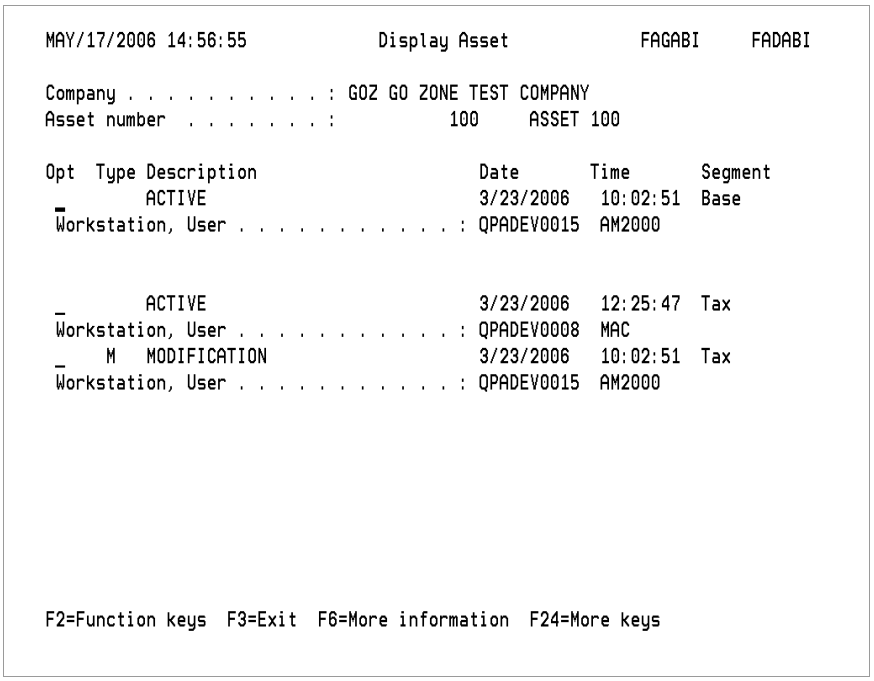


Figure 3-7: Display Asset segment type/status screen

Users can type any character in the *Opt* column to display a selected segment type/history type record.

The table below shows the 1-byte alphanumeric fields that specify the segment usage of a particular asset.

Field	Description
ABTXT	*Text segment used*
ABUSER	*User data used*
ABCORP	*Corporate book used*
ABOTH	*Other tax book used*
ABMAIN	*Maintenance segment used*
ABINS	I*nsurance segment used*
ABCIP	*Project Accounting segment used*
ABRET	*Retirement segment used*

Asset base data screens

The following figure shows the Work With Asset base data screen:

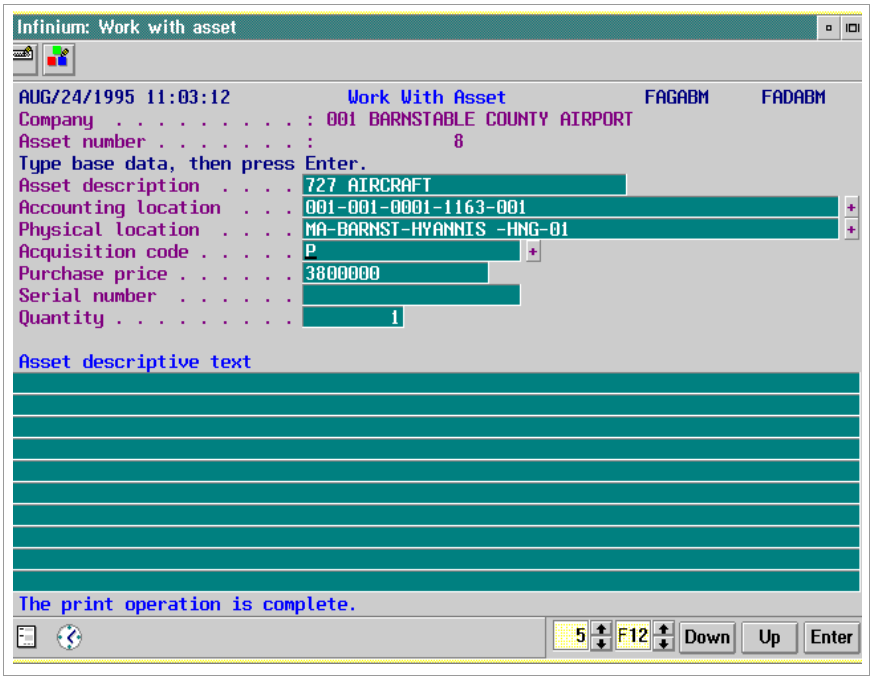


Figure 3-8: Work With Asset base data screen

Asset number

The *Asset number* field contains the external asset number that identifies the asset to the user. This user-assigned number includes the primary asset number, *ABASSU*, and component asset number, *ABASSC*. The system uses the component asset number to identify components of the primary asset.

Infinium FA generates an associated internal asset number that identifies the asset to the system. The system uses the internal asset number to track the asset. The internal asset number does not change, even if you modify the external asset number.

The external asset number resides only in the Asset Base Data file.

Asset descriptive text

The *Asset descriptive text* field, *AXTEXT*, has a maximum length of 800 bytes, regardless of the amount of text that a user types in this field.

The internal asset number *ABASSN* is the unique key for the Asset Root Master (Base Data) file, FAPAB. The system uses *ABASSN* to chain to the other asset data files.

Field	Description
ABASSN	*Internal asset number*
ABASSU	*External asset number - primary asset number* *The system or the user assigns this number.*
ABASSC	*External asset number - component asset number* The user assigns this number.
ABSTAT	*Status:* **A** = Active **I** = Inactive **N** = Non-depreciable
ABALCN	*Internal accounting location*
ABPLCN	*Internal physical location*

The following figure shows the Display Asset base data screen:

```
APR/01/2009 09:40:17            Display Asset            FAGABI     FADABI

Company . . . . . : GOZ GO ZONE TEST COMPANY
Asset number  . . . . . :           100     ASSET 100
Type  . . . . . : ACTIVE                       Entered:  3/23/2006 10:02:51
Main asset data
Company . . . . . : GOZ
Asset number  . . . . . :           100
Description . . . . . : ASSET 100

Date entered  . . :  3/23/2006
Acctng location . : GOZ-004
Physical location :

Acquisition code  . . . . . :
Serial number . . . . . :
Purchase price  . . . . . :           250,000.00
Transfer year, period . . . . . : 0000 0 00
Internal physical location #  . . . :
Internal accounting location #  . . :       669  Internal asset #  :       880
Quantity  . . . . . :         1  Status  . . . . . : A

F2=Function keys  F3=Exit  F10=QuikAccess  F12=Cancel  F18=Message line_
```

Figure 3-9: Display Asset base data screen

If text exists in the *Asset descriptive text* field on the Work With Asset base data screen, users can press Enter at the Display Asset base data screen to view the contents of the text field.

Asset user data screens

The following figure shows the Work With Asset user data screen:

```
APR/01/2009 09:41:04            Display Asset            FAGABI     FADABI

Company . . . . . . . . . . : GOZ GO ZONE TEST COMPANY
Asset number  . . . . . . . :           100     ASSET 100
Type  . . . . . : ACTIVE                          Entered:  5/19/2006 15:53:41
User defined data
ASSET TAG#    . :                      VENDOR---!   . :
CCA CODE-!    . :                      PO NUMBER!   . :
INVOICE#-!    . : 123456789            CAP REQ#-!   . :
WARRNTY#-!    . :                      USR FLD 8!   . :
DEG TEST-!    . :                      USR FLD 10   . :
INDF-5490!    . :                      USR FLD 12   . :
USR FLD 13    . :                      USR FLD 14   . :
USR FLD 15    . :                      USR FLD 16   . :
USR FLD 17    . :                      USR FLD 18   . :
USR FLD 19    . :                      USR FLD 20   . :

SALES TAX!    . :              .05     FREIGHT--!   . :              .00
3333-----!    . :              .00     NUMERIC4-!   . :              .00
NUMERIC5-!    . :              .00
RECEIVED-!  :              DATE2----! :             DATE3----! :

F2=Function keys  F3=Exit  F10=QuikAccess  F12=Cancel  F18=Message line_
```

Figure 3-10: Work With Asset user data screen

The Asset User Data file, FAPAU, stores alphanumeric, numeric and date types of user field data. The system provides fields on the Asset user data screens based on the fields that you previously defined in the Entity Control file, FAPEC. The following figure shows the Display Asset user data screen:

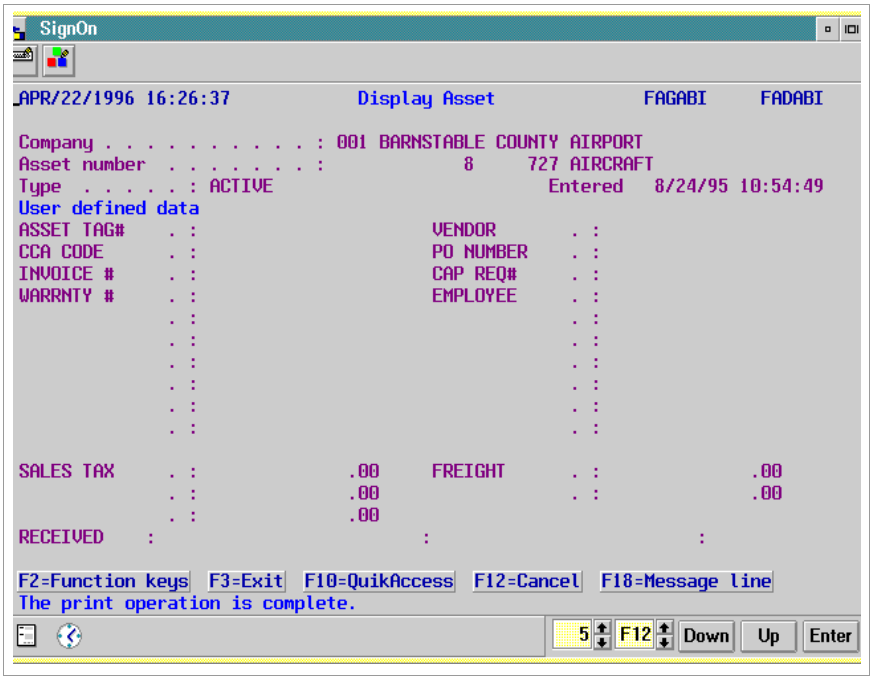


Figure 3-11: Display Asset user data screen

Asset corporate book screens

The following figure shows the Work With Asset corporate book screen:

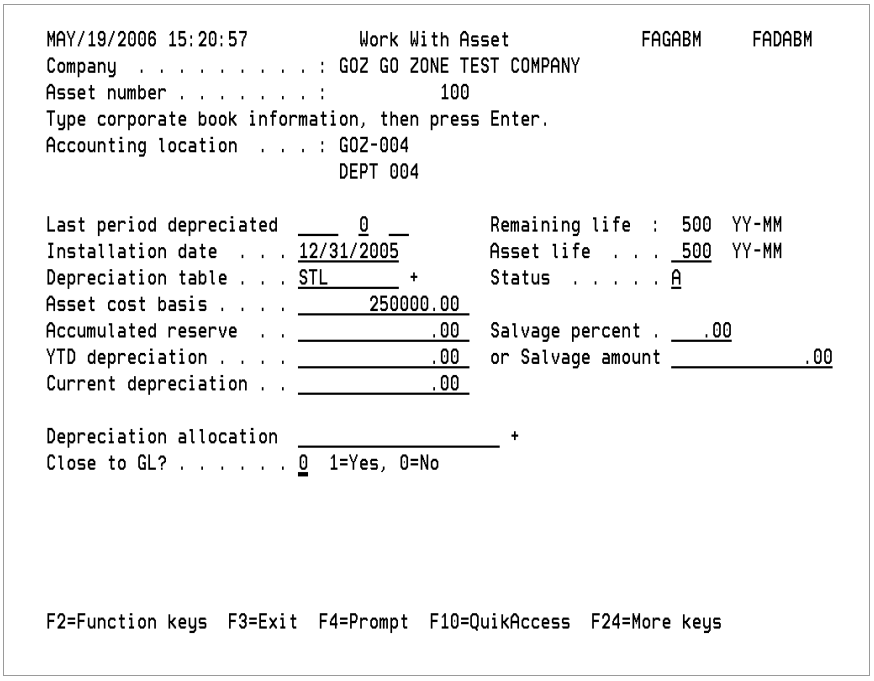


Figure 3-12: Work With Asset corporate book screen

Status

The *Status* field on the Work With Asset corporate book screen defaults to a value of **A** (Active), regardless of the value that the user typed on the Work With Asset Status screen in Figure 3-6.

If the user changes the value in the *Status* field to activate or inactivate assets, the change is for the corporate book only.

The following figure shows the Display Corporate Book Control screen:

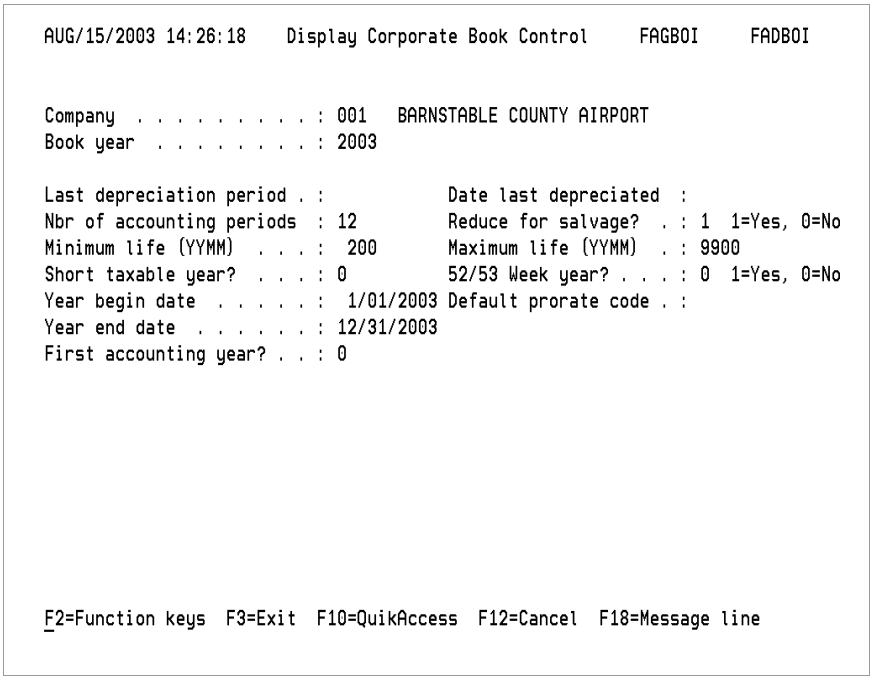


Figure 3-13: Display Corporate Book Control screen

For information on the corporate book fields that the system requires during the conversion process, refer to the last topic in this chapter on “Corporate book and tax book fields for conversion.”

Note: For more field conversion information, refer to the “Conversion Issues” chapter later in this guide.

Asset tax book screens

The figures below show the Work With Asset tax book prompt screen and Work With Asset tax book screen 1. The asset tax book screens contain information about assets for a specific tax book.

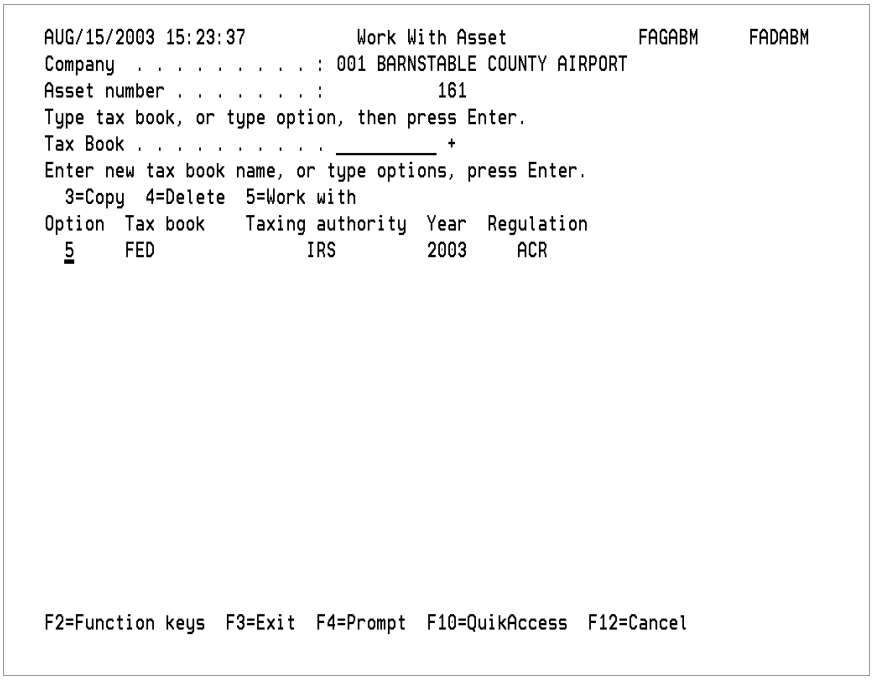


Figure 3-14: Work With Asset tax book prompt screen

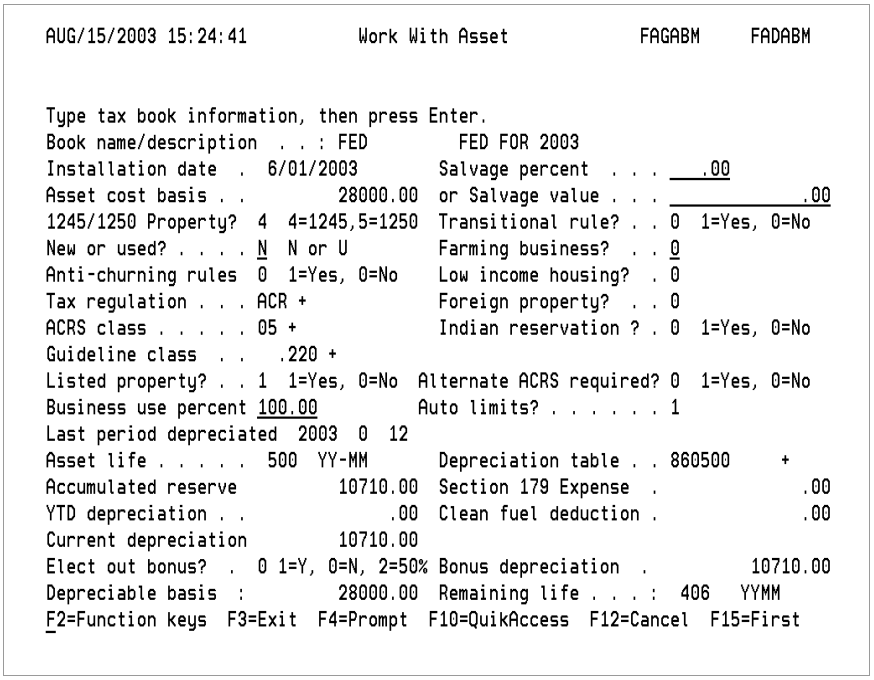
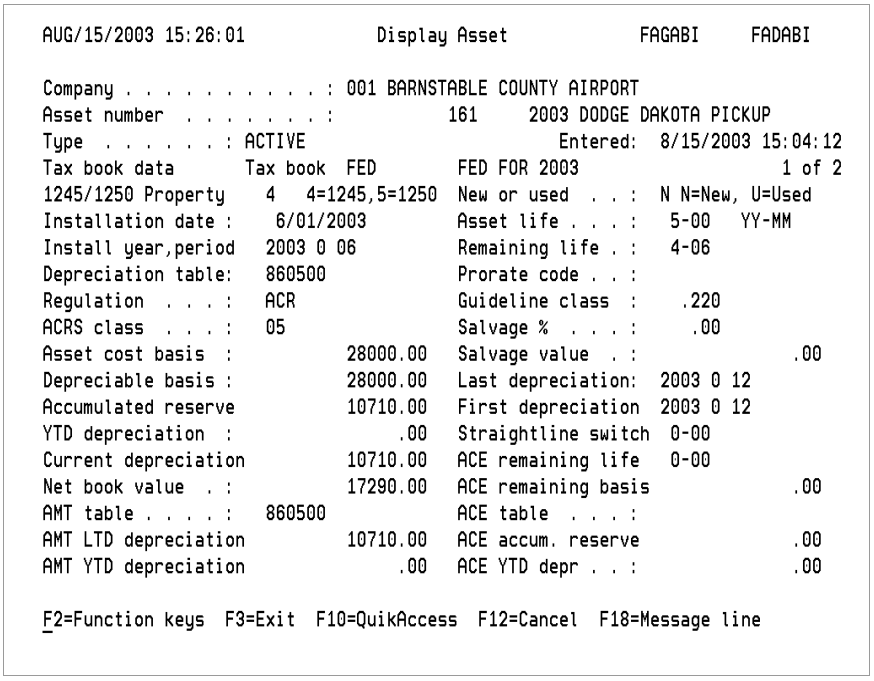


Figure 3-15: Work With Asset tax book screen 1

The following figures show the Display Asset tax book screen 1 and the Display Asset tax book screen 2:

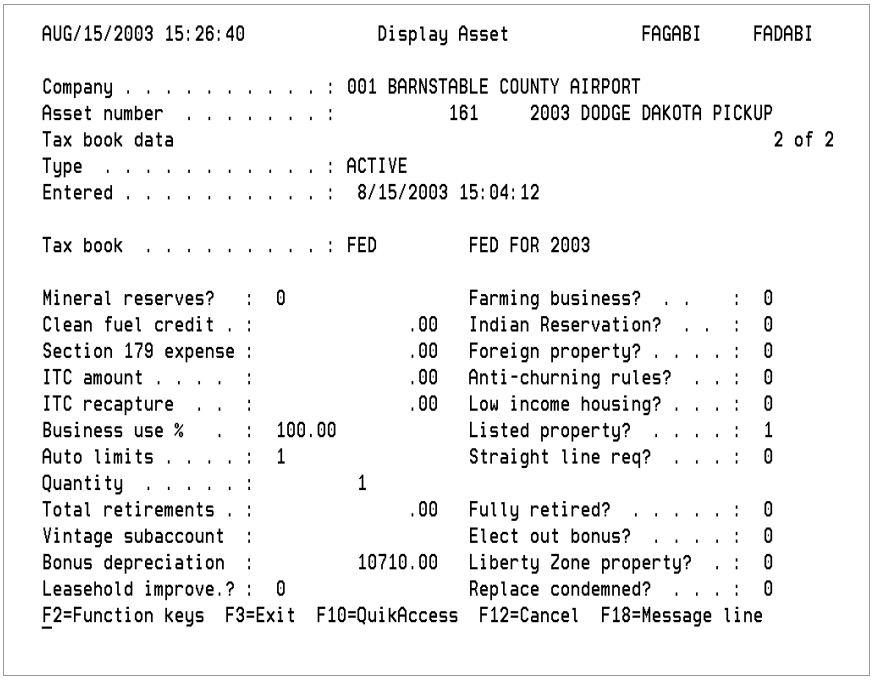


```
AUG/15/2003 15:26:01            Display Asset            FAGABI     FADABI

Company . . . . . : 001 BARNSTABLE COUNTY AIRPORT
Asset number  . . . . . :          161     2003 DODGE DAKOTA PICKUP
Type  . . . . . : ACTIVE                      Entered:  8/15/2003 15:04:12
Tax book data       Tax book  FED       FED FOR 2003                  1 of 2
1245/1250 Property    4   4=1245,5=1250  New or used  . . :  N N=New, U=Used
Installation date :    6/01/2003         Asset life . . . :   5-00   YY-MM
Install year,period   2003 0 06         Remaining life . :   4-06
Depreciation table:   860500            Prorate code . . :
Regulation  . . . :   ACR               Guideline class  :    .220
ACRS class  . . . :   05                Salvage %  . . . :     .00
Asset cost basis  :          28000.00   Salvage value  . :              .00
Depreciable basis :          28000.00   Last depreciation:  2003 0 12
Accumulated reserve          10710.00   First depreciation  2003 0 12
YTD depreciation  :               .00   Straightline switch  0-00
Current depreciation         10710.00   ACE remaining life   0-00
Net book value  . :          17290.00   ACE remaining basis             .00
AMT table . . . . :   860500            ACE table  . . . :
AMT LTD depreciation         10710.00   ACE accum. reserve              .00
AMT YTD depreciation              .00   ACE YTD depr . . :              .00

F2=Function keys  F3=Exit  F10=QuikAccess  F12=Cancel  F18=Message line
```

Figure 3-16: Display Asset tax book screen 1



```
AUG/15/2003 15:26:40            Display Asset            FAGABI     FADABI

Company . . . . . : 001 BARNSTABLE COUNTY AIRPORT
Asset number  . . . . . :          161     2003 DODGE DAKOTA PICKUP
Tax book data                                                      2 of 2
Type  . . . . . : ACTIVE
Entered . . . . . :  8/15/2003 15:04:12

Tax book  . . . . . : FED         FED FOR 2003

Mineral reserves?   :  0                Farming business?  . .    :  0
Clean fuel credit . :              .00   Indian Reservation?  . .  :  0
Section 179 expense :              .00   Foreign property? . . . . :  0
ITC amount . . . .  :              .00   Anti-churning rules?  . . :  0
ITC recapture  . .  :              .00   Low income housing? . . . :  0
Business use %   .  :  100.00            Listed property?  . . . . :  1
Auto limits . . . . :  1                 Straight line req?  . . . :  0
Quantity  . . . . . :          1
Total retirements . :               .00  Fully retired?  . . . . . :  0
Vintage subaccount  :                    Elect out bonus?  . . . . :  0
Bonus depreciation  :          10710.00  Liberty Zone property?  . :  0
Leasehold improve.? :  0                 Replace condemned?  . . . :  0
F2=Function keys  F3=Exit  F10=QuikAccess  F12=Cancel  F18=Message line
```

Figure 3-17: Display Asset tax book screen 2

For information on the tax book fields that the system requires during the conversion process, refer to the last topic in this chapter on “Corporate Book and Tax Book Fields for Conversion.”

Corporate book and tax book fields for conversion

The tables below list some of the asset corporate book fields and asset tax book fields that the system requires during the conversion process. For a more complete list of fields, refer to the appendix on “Field-by-Field Conversion Data.”

Asset Corporate Book fields

Field	Description
AKASSN	*Internal asset number*
AKISTE	*Installation date*
AKCO	*Company*
AKLIFE	*Asset life*
AKDTAB	*Depreciation table*
AKBAS	*Asset cost basis*
The system requires the additional fields below if you are converting accumulated reserve.	
AKLDYR	*Last year depreciated*
AKLDMO	*Last period depreciated*
AKLDSY	*Short taxable year*
AKARES	*Accumulated reserve* **Note:** Depreciation table AKDTAB must be **R** method.
AKDYTD	*Year-to-date depreciation* (Not required if converting at period 12)
The system requires the fields below only if you are converting retired assets. You must also create the asset retirement segment for the book.	
AFTOTR	*Total retirement cost*
AFFRET	*Fully retired flag*

Asset Tax Book fields

Field	Description
AFASSN	*Internal asset number*
AFCO	*Company*
AFBOOK	*Book name*
AFDTAB	*Tax depreciation table - for assets not using ACR regulation code*
AFBAS	*Asset cost basis - original cost*
AFISTE	*Installation date*
AFSECP	*Section 1245/1250 property*
AFACLA	*ACRS class*
AFGUID	*Regulation code*
AFCLS	*Guideline class*
The system requires the fields below only if you are converting retired assets. You must also create the asset retirement segment for the specific tax book.	
AFTOTR	*Total retirement cost*
AFFRET	*Fully retired flag*
The system requires the fields below if you are converting accumulated reserve for ADR, CLS or CON regulation codes.	
AFLDYR	*Last year depreciated*
AFLDMO	*Last period depreciated*
AKLDSY	*Short taxable year*
AFLIFE	*Asset life*
AFARES	*Accumulated reserve*
Note: Depreciation table AKDTAB must be **R** method.	
AFDYTD	*Year-to-date depreciation* (Not required if converting at period 12)

Like-kind asset exchange files

Attributes

The table below provides information about the like-kind asset exchanges file attributes.

This asset data file...	Does the following...
FAPLK Like-kind Exchange file	Contains information for an exchange group from the *Work with like-kind exchanges* input screens, such as: ▪ Exchange group and date ▪ Exchange group description ▪ Fair market value amounts ▪ Adjusted cost basis amounts ▪ Gain/loss on exchange Uses one logical file, FALLK
FAPLL Like-kind Exchange Detail file	Contains the linking information on assets that are linked together within an exchange group. Assets are linked for depreciation, retirement and/or transfer purposes. One record exists for each exchanged asset sequence within the exchange group. You can have a maximum of six records in this file per exchange group. Uses four logical files: FALLL, FALLLC, FALLLE, FALLLR

Suitability for conversion

You should not try to convert like-kind asset exchanges. You should manually enter data in these files using *Work with like-kind asset exchanges* in *Asset Maintenance and Transfer*.

Chapter 4 Period End Processing

4

This chapter contains information about processing period end data.

The chapter consists of the following topics:

Overview

Processing period end data includes:

- Running a trial close and an actual close
- Generating journals
- Generating journals before closing
- Generating period end reports

Before users can generate journals, the following controls must exist in Infinium FA:

- In entity controls, the *GL system installed* field cannot be blank.
- In company controls, the value in the *GL company* field must be a valid general ledger company and this company must also exist in the user's general ledger system.
- The accounting locations must be set to close to the general ledger.

Before adding an asset to the corporate book data segment, the *Close to GL* field must be set to **1**.

Depending on the settings in company controls, Infinium FA generates one or more of the following journals:

- Additions
- Depreciation
- Retirements
- Transfers
- Deletions

Objectives

After you complete this chapter, you should be familiar with:

- The procedures involved in period end processing
- The programs and files involved in the trial close and the actual close
- The programs that generate the period end reports
- Conditions that prevent an asset from depreciating

Period end closing functions

Infinium FA provides the following functions for period end close processing:

- *Run period end trial closing* for the trial close
- *Run period end closing* for the actual close

Based on the period end closing option that the user selects, the system sets a value in the *LZFLG1* field in the Task Coupling Data file, FAPLZ, which determines whether the system performs the trial close or actual close function.

If the value in the *LZFLG1* field is **1**, the system performs a trial close. If the value is **0**, the system performs an actual close.

We recommend that users run a trial close before the actual close to verify that their data is correct.

Caution: We strongly recommend that you back up your Infinium FA database immediately before an actual close. This provides a means of recovery if a system problem occurs during the close process. To recover, simply restore the backup tapes.

The system uses the following programs for both the trial close and the actual close:

- Period End Close program, FAGPEC
- Period End Processor program, FAGPEP
- Period End Processor program, FAGPEPTR (for generating journals)

When creating journals that close to the general ledger, the system uses these files:

- Journal Work File, FAPHT@, for the trial close
- Journal File, FAPHT, for the actual close

The following table provides a technical overview of the close journal files, FAPHT@ and FAPHT.

About the Close Journal files, FAPHT@ and FAPHT	
Attributes	These files contain the general ledger journal entry information for the trial close and the actual close. This information includes: ▪ Transaction type ▪ General ledger account number ▪ General ledger description ▪ General ledger amount ▪ Infinium FA batch number ▪ Infinium FA date and time of closing The system determines the journal entry transaction types by using the values set in the *Journal Required?* fields in the Company Controls file, FAPCF. The Journal Work File, FAPHT@, contains information for only one trial close at a time. Each time users run the period end trial close, the system clears any previous data from the FAPHT@ file. The Journal File, FAPHT, can contain any number of actual closings.
Unique key	No unique keys exist between record occurrences.
Common items between record occurrences	All records for a particular journal must have the same values in the following fields: ▪ Fixed Assets Company field, HTCO ▪ Accounting Year field, HTDY ▪ Accounting Short Year field, HTSY ▪ Accounting Month field, HTDM ▪ Reference Code field, HTRC ▪ Transaction Date field, HTTD

About the Close Journal files, FAPHT@ and FAPHT

Relationship to other files	During period end closings with general ledger journal entry data, the system updates each asset that you close to the general ledger. ▪ Each record contains the internal asset number, *HTASSN*, of the asset for which you create the journal. The system does the following: ▪ Uses the general ledger account number, *HTGAN*, for each journal from the accounting location, *ABALCN* ▪ Selects the journal by the transaction type, *HTTYP*
Prerequisites	The control files and the asset data files must exist before you can create and update the close journal files.
Suitability for conversion	We do not recommend converting these files.
Alternative to conversion	The system automatically maintains these files during the closing process.

Trial close

The following figure shows the Period End Trial Close flow chart.

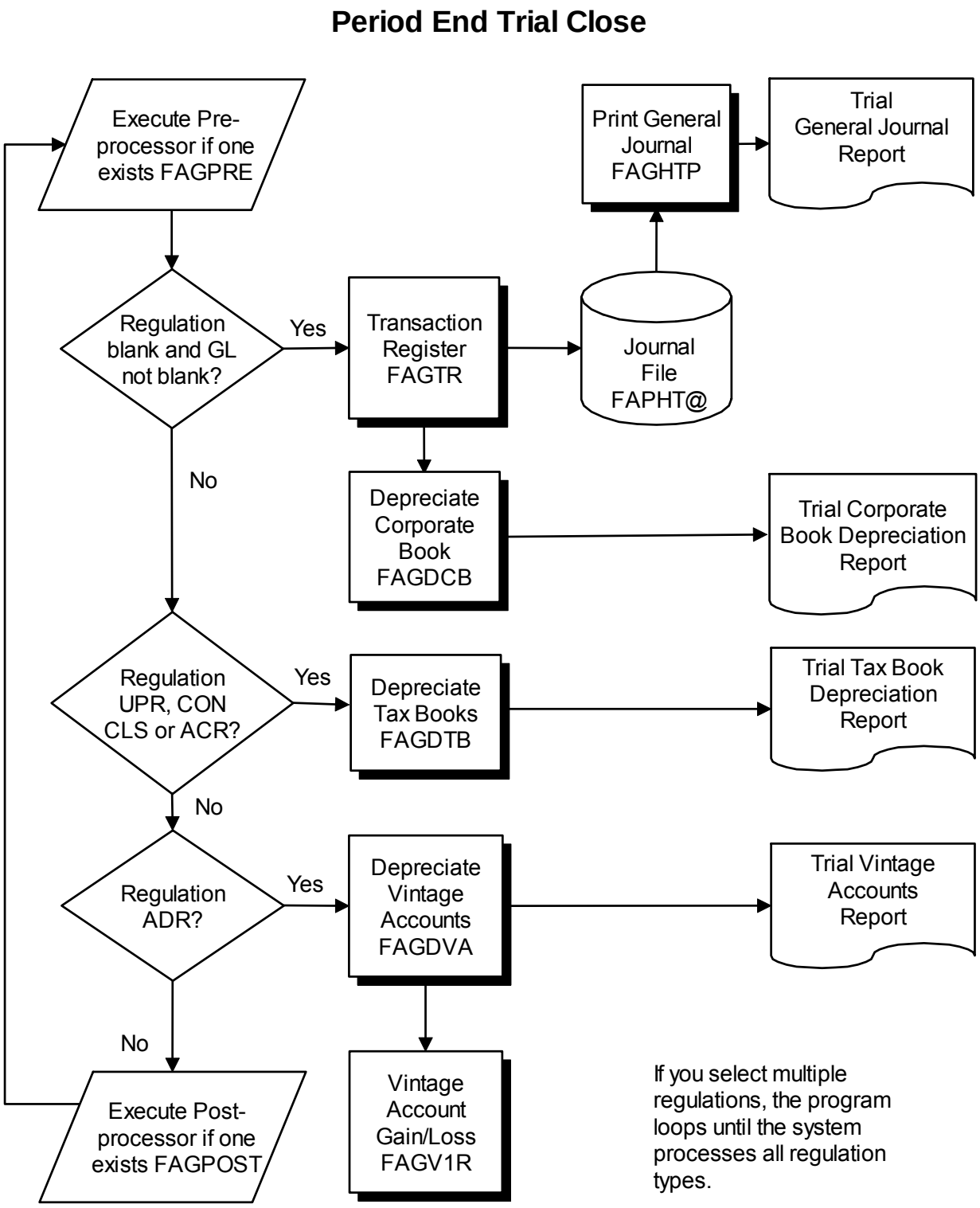


Figure 4-1: Period End Trial Close

Using the trial close function

Run a trial close to check the period end closing results and correct any errors before running the actual close as follows:

1 From the Infinium FA main menu, select *Period End Processing*.

2 Select *Run period end trial closing* [RPETC].

The following figure shows the Run Period End Trial Closing selection screen:

```
APR/01/2009 10:54:25     Run Period End Trial Closing      FAGPEC     FADPEC

Company group . . . . . . . . . . . . _____________________ +
Company . . . . . . . . . . . . . . . ___ +               Blank all
Book type . . . . . . . . . . . . . . 0                   0=Crp, 1=Tax, 2=Both
Verify amounts? . . . . . . . . . . . 0                   1=Yes, 0=No
Summary?  . . . . . . . . . . . . . . 0                   1=Yes, 0=No
Subtotal, header mask . . . . . . . . ___________ , ___________

F2=Function keys  F3=Exit  F4=Prompt  F10=QuikAccess  F24=More keys
```

Figure 4-2: Run Period End Trial Closing selection screen

To obtain journal reports for individual companies, users must do the following:

- Run a trial close for each individual company
- Print the journal for each company involved in the trial close

This process is necessary because the system clears the data in the Journal Work File, FAPHT@, during each trial close. If the user runs multiple trial closes before printing the journal, the system prints only the data from the last trial close.

Processing the trial close

Infinium FA performs the following steps in the trial close:

1 Uses the Period End Close program, FAGPEC, to check the value in the *LZFLG1* field on the Task Coupling Data file, FAPLZ, and if a value of **1** exists in this field, begins the trial close process.

2 Runs the Clear Physical File Member command, CLRPFM, to clear any previous data from the Journal Work File, FAPHT@.

3 Checks the Entity Control file, FAPEC, and if a user-defined pre-processor program exists in this file, runs the program before performing the main processing routine.

4 Runs the main processing routine, which is based on the regulation type, for each company and book type combination.

5 Writes journal records to the Journal Work File, FAPHT@.

   The system does not update any Infinium FA permanent files.

6 Checks the Entity Control file, FAPEC, and if a user-defined post-processor program exists in this file, runs the program before performing the main processing routine.

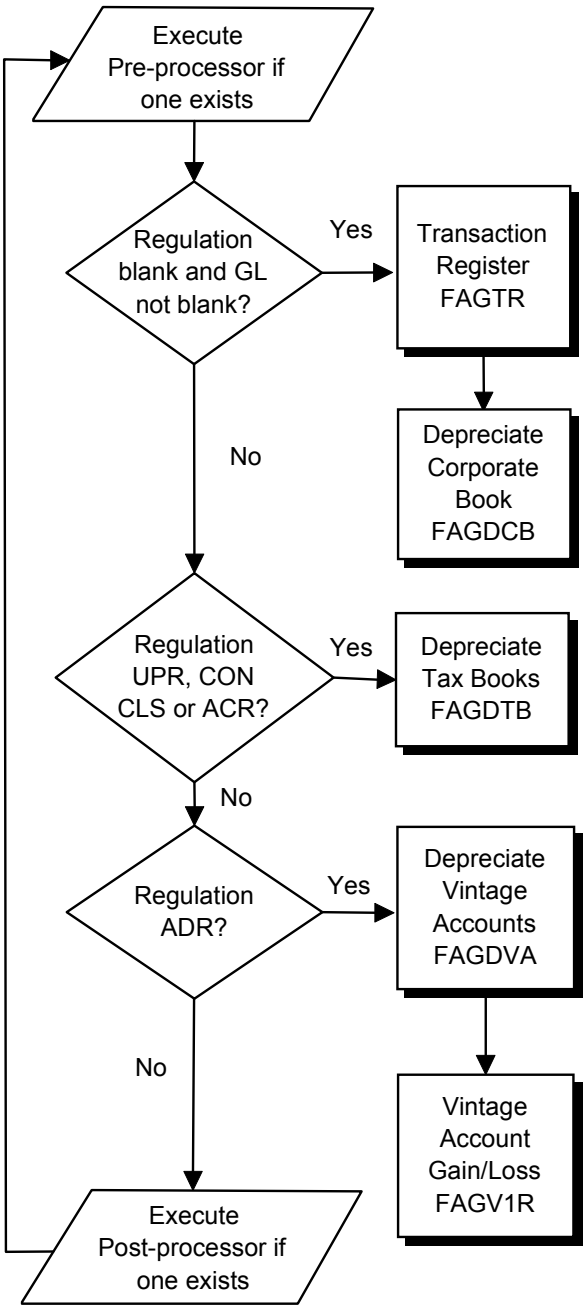
7 Prints a trial depreciation report.

   To run a report on the journals that the system creates in FAPHT@ during the trial close, you must type **1** in the *Trial journals?* field when performing the *Print journals* function.

Actual close

The following figure shows the Period End Close Processing Overview flow chart.

Period End Close Processing Overview



If you select multiple regulations, the program loops until the system processes all regulation types.

Figure 4-3: Period End Close Processing Overview

Using the actual close function

After verifying the results of the trial close, run the actual period end close as follows:

1 From the Infinium FA main menu, select *Period End Processing*.

2 Select *Period End Close*.

3 Select *Run period end close* [RPEC].

The following figure shows the Run Period End Closing selection screen:

```
APR/01/2009 08:03:26     Run Period End Trial Closing      FAGPEC     FADPEC

Company group . . . . . . . . . . . . _____________________ +
Company . . . . . . . . . . . . . . . ___ +               Blank all
Book type . . . . . . . . . . . . . . 0                   0=Crp, 1=Tax, 2=Both
Verify amounts? . . . . . . . . . . . 0                   1=Yes, 0=No
Summary?  . . . . . . . . . . . . . . 0                   1=Yes, 0=No
Subtotal, header mask . . . . . . . . ____________ , ____________

F2=Function keys  F3=Exit  F4=Prompt  F10=QuikAccess  F24=More keys
```

Figure 4-4: Run Period End Closing selection screen

The system writes records to the Journal File, FAPHT, in detail, regardless of whether you transfer transactions to the general ledger in detail or in summary.

Only the corporate book closes to the general ledger.

The following figures show these flow charts:

- Period End Close Processing Corporate Book flow chart
- Period End Close Processing Tax Book (Excluding ADR Vintage Accounts) flow chart
- Period End Close Processing ADR Vintage Accounts flow chart

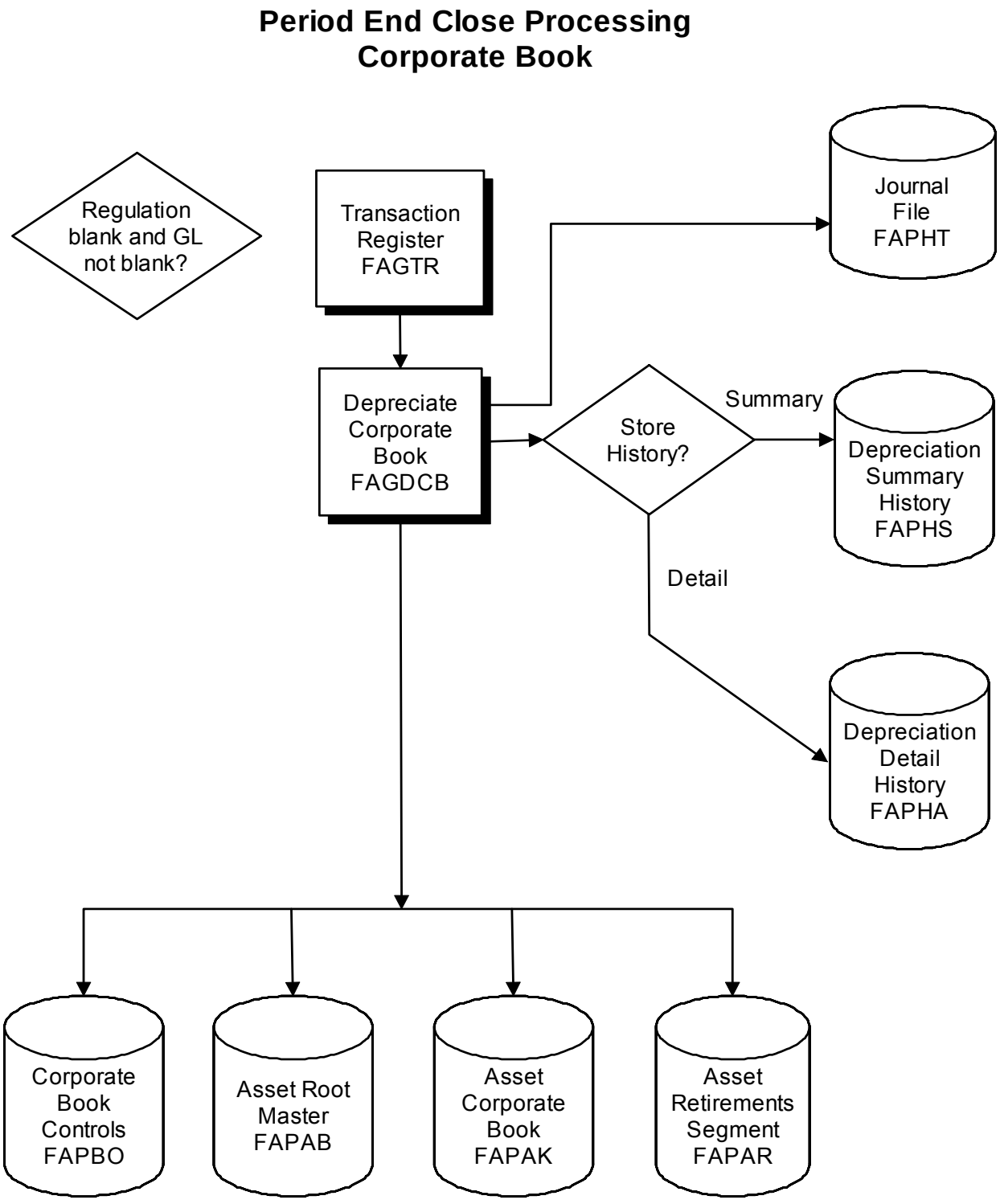


Figure 4-5: Period End Close Processing Corporate Book

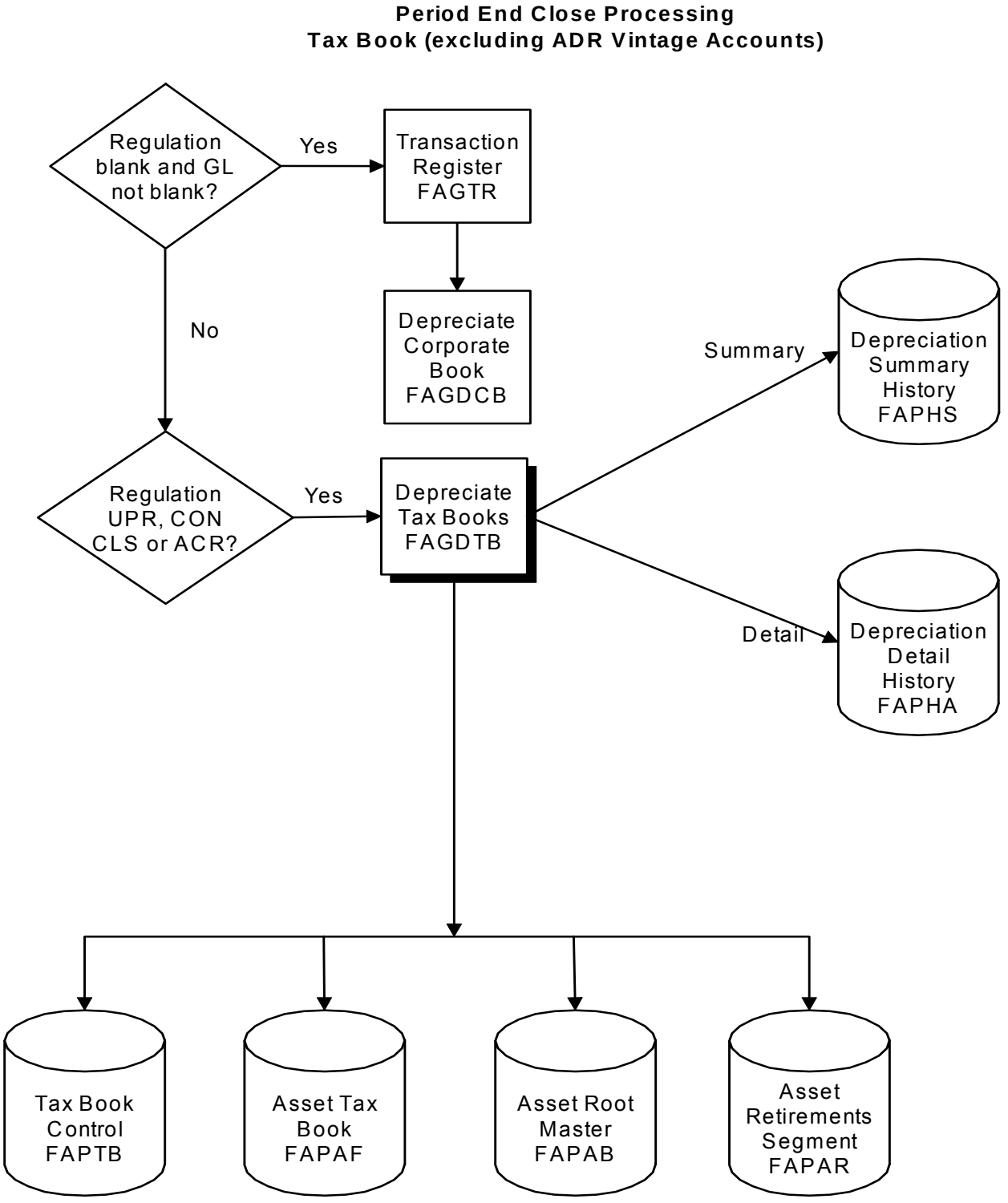


Figure 4-6: Period End Close Processing Tax Book (Excluding ADR Vintage Accounts)

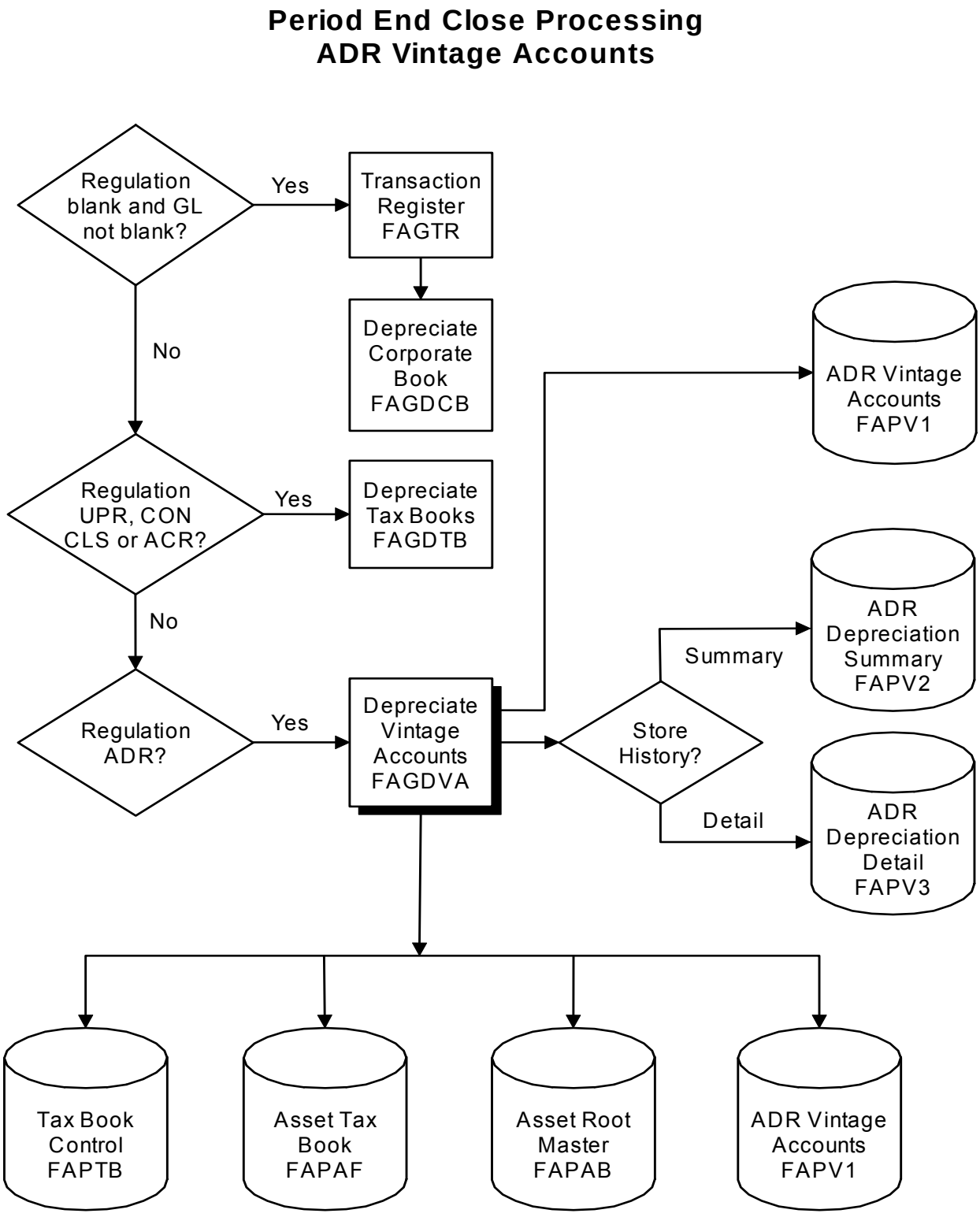


Figure 4-7a: Period End Close Processing ADR Vintage Accounts

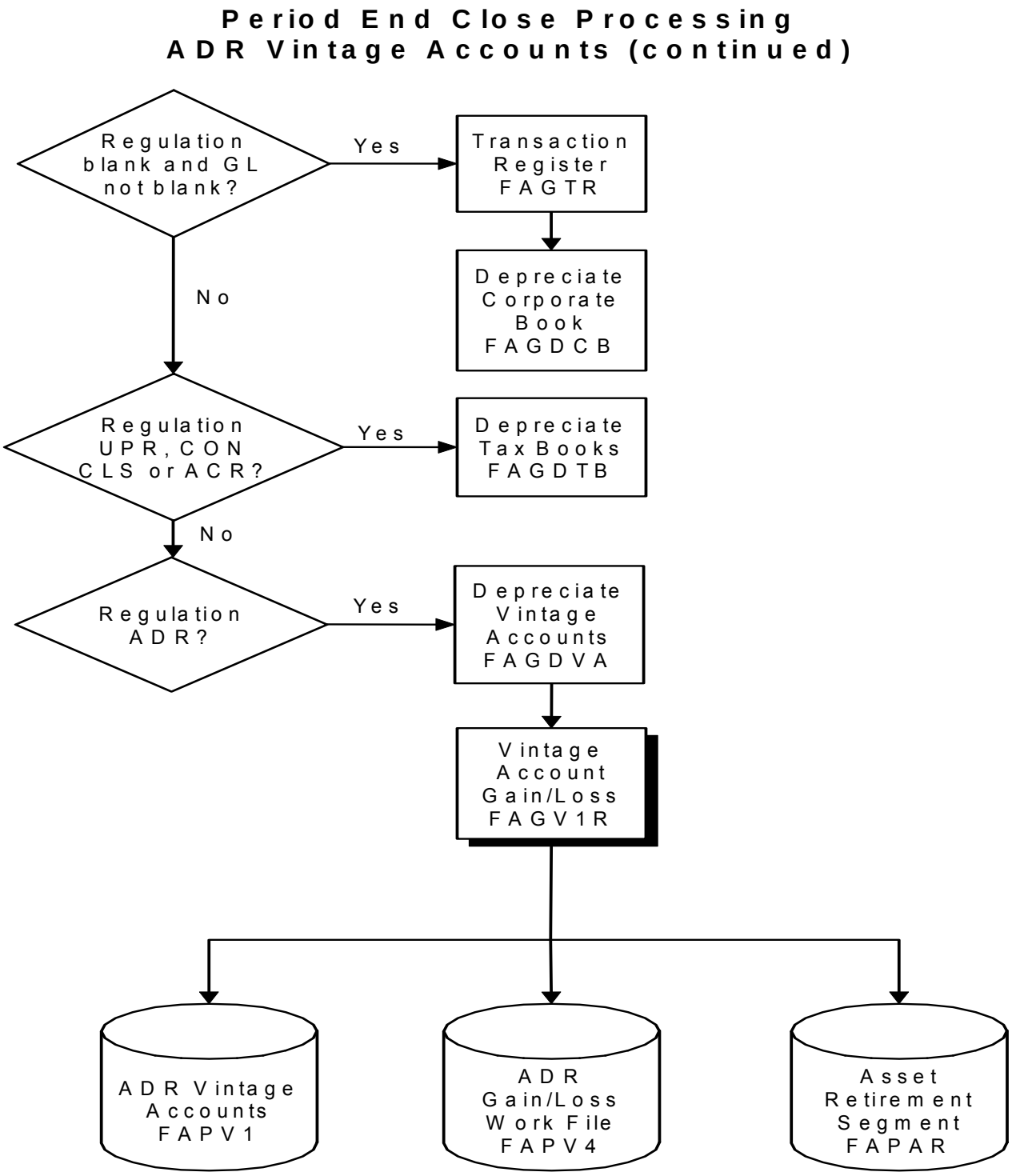


Figure 4-7b: Period End Close Processing ADR Vintage Accounts

Processing the actual close

Infinium FA performs the following steps in the actual close:

1. Uses the Period End Close program, FAGPEC, to check the value in the *LZFLG1* field on the Task Coupling Data file, FAPLZ, and if a value of **0** exists in this field, begins the actual close process.

2. Checks the Entity Control file, FAPEC, and if a user-defined pre-processor program exists in this file, runs the program before performing the main processing routine.

3. Runs the main processing routine, which is based on the regulation type, for each company and book type combination.

4. Writes the journal records from the Period End Close program, FAGPEC, to the Journal file, FAPHT, and updates the asset data files and control files.

5. Checks the Entity Control file, FAPEC, and if a user-defined post-processor program exists in this file, runs the program before performing the main processing routine.

6. Prints a depreciation report.

   To run a report on the journals that the system creates in FAPHT during the actual close, you must type **1** in the *Closed?* field when performing the *Print journals* function.

Generating journals before closing

The *Run period end closing* function calculates depreciation and generates the journals that users can proof and then transfer to their general ledger system.

The *Generate journals* function also generates journals but does not calculate depreciation.

Users can run the *Generate journals* function to generate journals for additions, deletions, retirements, and transfers with no depreciation. Users can then run the *Transfer journal* function to transfer those journals to the general ledger without running a period end close.

To generate journals without performing a period end close, do the following:

1. From the Infinium FA main menu, select *Period End Processing*.
2. Select *Generate journals* [GJ].

The following figure shows the Generate Journals screen.

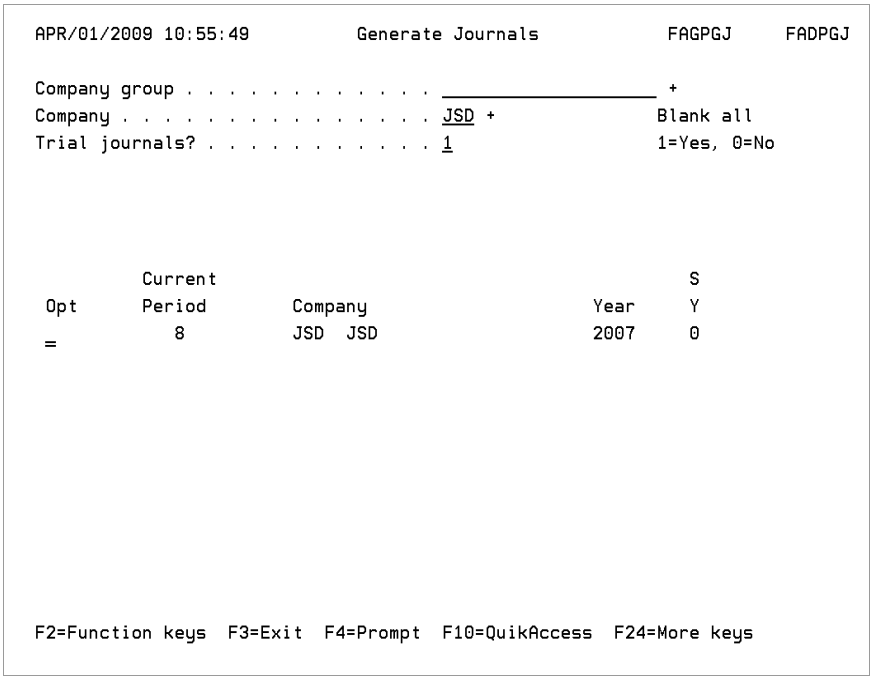


Figure 4-8: Generate Journals screen

Company group
Company

Users must type a company group or company for which to generate journals.

If users provide a valid value in the *Company group* field or a blank value in the *Company* field to indicate all companies, the system displays only those companies that close to the general ledger.

Trial journals?

Users can type **1** in this field to generate trial journals and **0** to generate actual journals.

We recommend that users generate trial journals to review the data before generating actual journals.

Period end reports

During the trial close and the actual close, the Period End Close program, FAGPEC, generates the Depreciate Corporate Book print file, FATDCB, which provides the following depreciation reports:

- Run Period End Trial Closing report (for the trial closing)
- Run Period End Closing report (for the actual closing)

The user-generated print files, Print Journal Detail FATHTPD and Print Journal Summary FATHTPS, provide the following reports:

- Print Journal report (for the trial closing)
- Print Journal report (for the actual closing)

To generate the print files for the user-generated reports, the user must run the *Print journals* function, as follows:

1 From the Infinium FA main menu, select *Period End Processing*.

2 Select *Print journals* [PJ].

The following figure shows the Print Journals screen.

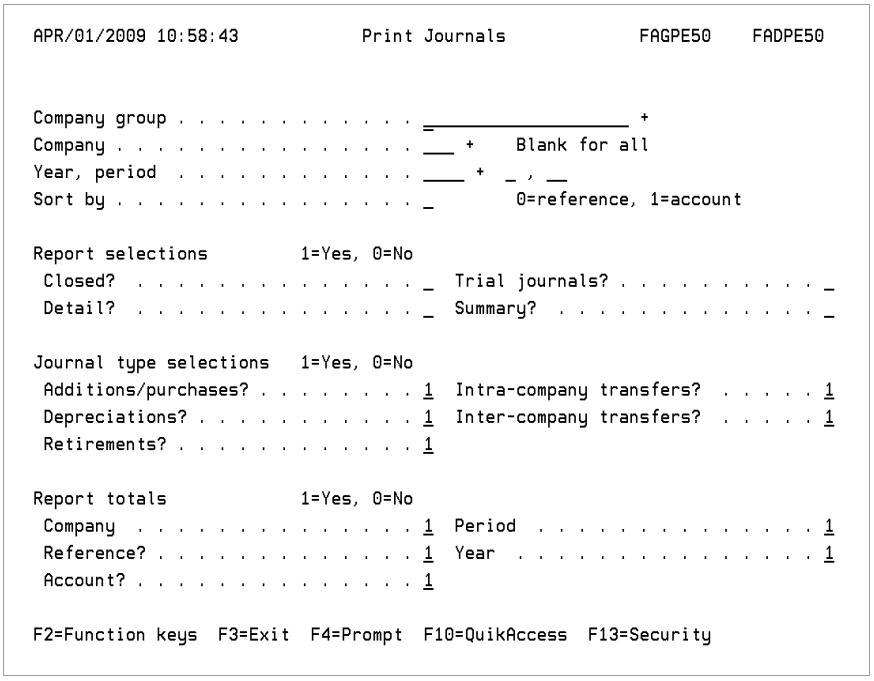


Figure 4-9: Print Journals screen

Use the Print Journals screen to select year and/or period, closed or trial journals, detail or summary journal data, and journal totals.

Conditions preventing an asset from depreciating

If an asset does not depreciate, certain problem conditions can exist. Before contacting Customer Support, check for the following conditions that can prevent an asset from depreciating:

1. Company controls are not defined for the company selected.
2. A book control does not exist for a selected key (company, year, short year).
3. The *Depreciate* flag in the accounting location is not **1**.
4. The depreciation table in the asset book segment does not exist in the Depreciation Table Control file, FAPD1.
5. The depreciable basis, AKREDU or AFREDU, is **0**.
6. The accumulated reserve is greater than or equal to the depreciable basis, but not equal to **0**.
7. The asset is fully retired; that is, AKFRET or AFFRET is equal to **1**.
8. The depreciation table type is **formula** and the remaining life equals **0**.
9. The asset status, ABSTAT or AKSTAT, is not **A** for active.
10. The installation year equals **0** or is greater than the current year for depreciation.
11. An asset is listed property, but the business usage percentage is **0**.
12. The installation period is later than the period that is being closed.
13. The asset is deleted from the system.
14. A custom table has no entry for the year and period being closed.

Chapter 5 General Ledger Interface

5

This chapter contains information about the programs and processes that Infinium FA uses to interface to a general ledger system.

The chapter consists of the following topics:

Overview

Infinium FA can interface to Infinium GL or to a non-Infinium general ledger system.

Infinium FA uses the following programs when interfacing to Infinium GL:

- Transfer Journal program, FAGHTT
- Edit GL Company Number program, FAGCNC
- GL Account Number Validation program, FAGCTC

Objectives

After you complete this chapter you should be familiar with:

- The Infinium FA integration points to a general ledger system
- General ledger company and account validation processes
- Special considerations for interfacing to a non-Infinium general ledger system
- Information about the Infinium GL Chart of Accounts Display
- Information on maintaining your general ledger accounts in Infinium FA

Transferring Journals flow chart

The diagram below shows the Transferring Journals flow chart.

Transferring Journals

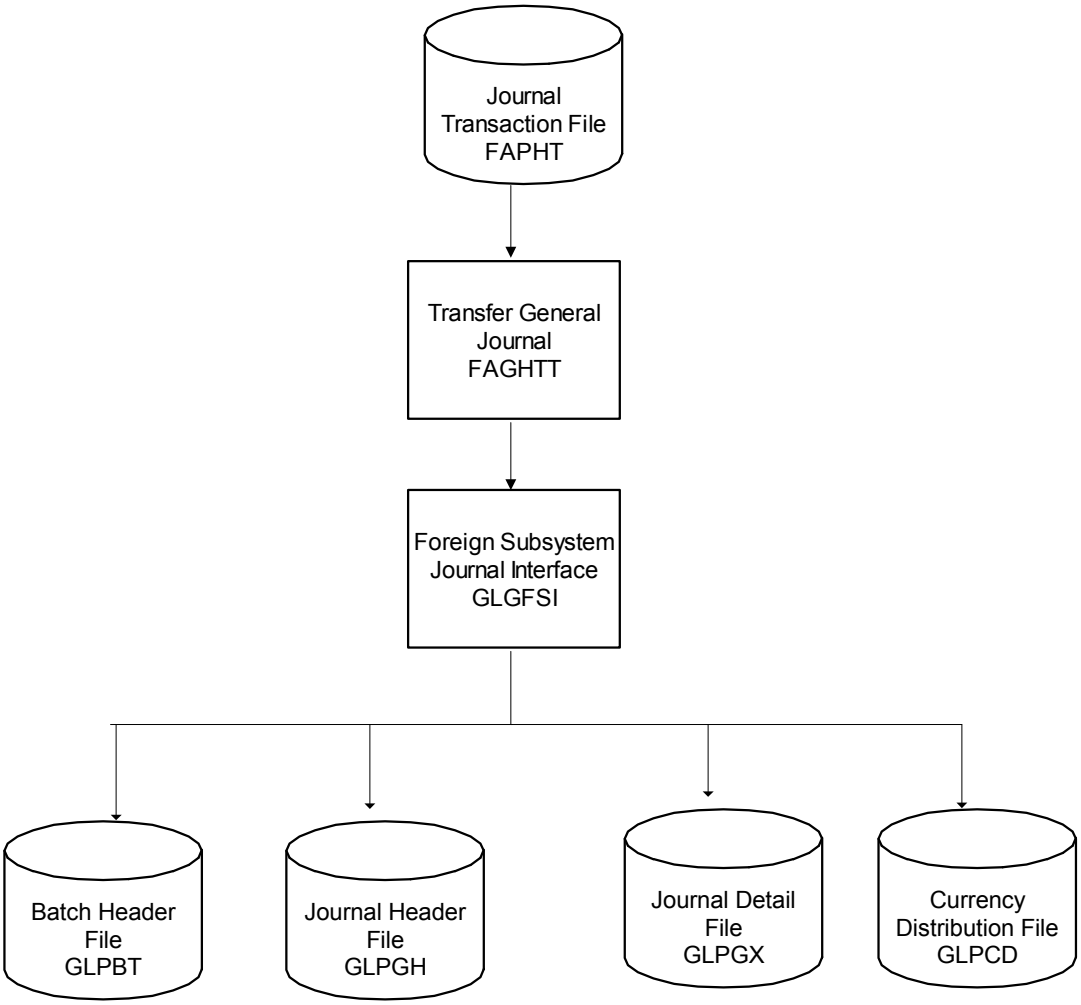


Figure 5-1: Transferring Journals

Transferring journals

Overview of the Transfer Journal program, FAGHTT

The system uses the Transfer Journal program, FAGHTT, to pass Infinium FA journal information to the Infinium GL Foreign Subsystem Journal Interface program, GLGFSI, which transfers the journal information to Infinium GL.

The Infinium GL database and program libraries must be in the Infinium FA library list before the transfer process.

If you are using Infinium CM with Infinium GL, you must also add the Infinium CM database and program libraries to the Infinium FA library.

Note: For more detailed information about the Infinium GL values, refer to the *Infinium GL Technical Guide*.

Clearing the Journal file, FAPHT

When transferring a journal record to your general ledger system, Infinium FA sets a value of **1** in the *Closed to GL* field, *HTCTG*, in the Journal file, FAPHT, to indicate that the transfer is complete.

To determine when to clear the Journal file, FAPHT, consider the advantages and disadvantages below.

About clearing the Journal file, FAPHT

Advantages	If the transfer to the general ledger fails and if you had run the *Clear transferred journals* function for multiple periods, you do not need to search through many records to find the ones for the period you are transferring.
Disadvantages	If you clear the Journal file, you cannot print journals for prior periods.

If you decide to clear the Journal file, FAPHT, you should consider saving transferred data in FAPHT for one period following the period end close in

the event that the transfer to the general ledger fails. You could then clear the transferred journals before the next period end close.

You can perform the *Clear transferred journals* function as follows:

1 From the Infinium FA main menu, select *Period End Processing*.

2 Select *Clear transferred journals* [CTJ].

When running the *Clear transferred journals* function in *Period End Processing*, Infinium FA deletes all journal records that match your submission criteria and display **1** in the *Closed to GL* field, *HTCTG*.

Non-Infinium general ledger considerations

If you are changing the source code in the Transfer Journal program, FAGHTT, to interface to a non-Infinium general ledger system, replace the Infinium GL files with your general ledger files.

General ledger company validation

Overview of the Edit GL Company Number program, FAGCNC

The Entity Control file, FAPEC, provides the name of the program that performs the general ledger company validation. The Infinium FA default program is the Edit GL Company Number program, FAGCNC.

FAGCNC calls your general ledger company validation program to verify that the company in the *GL company* field on the Company Controls file, FAPCF, also exists in your general ledger system.

Validation process

The Edit GL Company Number program, FAGCNC, performs the following steps in the validation process:

1. Verifies that the Infinium GL company exists
2. Calls the Infinium GL Check Company Security program, GLGU1M, to do the following:
   - Validate the user's ownership
   - Check the Infinium GL security established for the company
   - Determine Infinium GL company group security

Non-Infinium general ledger considerations

If you are interfacing to a non-Infinium general ledger system, you can do one of the following:

- In the Entity Control file, FAPEC, provide a different validation program that accepts the parameters passed by FAGCNC.
- Modify the FAGCNC program code as follows:

- Change the name of the general ledger company file that you are accessing and, if necessary, update the parameter list for the call to the general ledger program.
- Call the appropriate general ledger security checker program.
- Add any custom processing that your general ledger system requires.

General ledger accounts validation

Overview of the GL Account Number Validation program, FAGCTC

The Entity Control file, FAPEC, provides the name of the program that performs the general ledger accounts validation. The Infinium FA default program is the GL Account Number Validation program, FAGCTC.

FAGCTC calls your general ledger accounts validation program to verify that the general ledger account numbers used in Infinium FA also exist in your general ledger system.

You provide general ledger accounts for:

- Accounting locations
- Depreciation allocation tables
- Intercompany exchange tables
- Retirement override tables

If you are using Infinium GL, FAGCTC calls the Infinium GL Check Account Number program, GLGCTC, to verify that these accounts exist in Infinium GL.

The table below lists the parameters for the GL Account Number Validation program, FAGCTC.

GL Account Number Validation program, FAGCTC

Parameter	Description	I/O	Values
@GAN	GL Account Number	I/O	Not applicable
@FLG	Return Code	O	**0** = Input string is invalid **1** = Input string is valid **2** = Company number is invalid **3** = Input is valid but is not an account **4** = Account is valid but is non-posting **5** = Account is valid but is inactive **6** = Company component but not an account

GL Account Number Validation program, FAGCTC

Parameter	Description	I/O	Values
@CO	Company Number	O	Valid company
@AT	Account Type	O	**M** = Monetary **S** = Statistical
@AD	Account Description	O	Not applicable
@AP	Account Page	O	Not applicable
@LR	End Program	I	**0** = Do not end program **1** = End program and return

Non-Infinium general ledger considerations

If you are interfacing to a non-Infinium general ledger system, you can do one of the following:

- In the Entity Control file, FAPEC, provide a different validation program that accepts the parameters passed by FAGCTC.
- Modify the FAGCTC program code as follows:
  - Change the name of the general ledger company file that you are accessing and, if necessary, update the parameter list for the call to the general ledger program.
  - Call the appropriate general ledger account number validation program and return the appropriate parameter values.
  - Add any custom processing that your general ledger system requires.

Infinium GL Chart of Accounts Display program, GLGCTD

To view the Infinium GL chart of accounts from Infinium FA, do the following:

1. Go to an Infinium FA screen that displays a promptable general ledger account field.
2. Press F4. Infinium FA calls the Infinium GL Chart of Accounts Display program and display file, GLGCTD and GLDCTD, to display the Infinium GL chart of accounts.

Non-Infinium general Ledger considerations

If you are interfacing to a non-Infinium general ledger system, you must change the prompt program in the Infinium FA general ledger account fields to call an appropriate display program from your general ledger database.

To change the prompt program, do the following:

1. Go to an Infinium FA screen that displays a promptable general ledger account field
2. Press F1 for Help and then press F6 to update user-defined Help text.
3. Change the value in the *Prompt program* field to the appropriate prompt program for your general ledger system.

   Note: Changing this value updates both the system and user prompt programs.

   The following Infinium FA functions call your general ledger display program:

   - *Work with accounting locations*
   - *Work with retirement overrides*
   - *Work with depreciation allocatn*
   - *Work with interco exchange*
   - *Mass change GL accounts*

General Ledger account maintenance

Because Infinium FA does not automatically update the Accounting Locations file, FAPLO, with changes to your general ledger accounts, you must manually track these changes.

To change general ledger account data in Infinium FA, you can run the *Mass change GL accounts* function, as follows:

1. From the Infinium FA main menu, select *Mass Maintenance*.
2. Select *Mass change GL accounts* [MCGA].

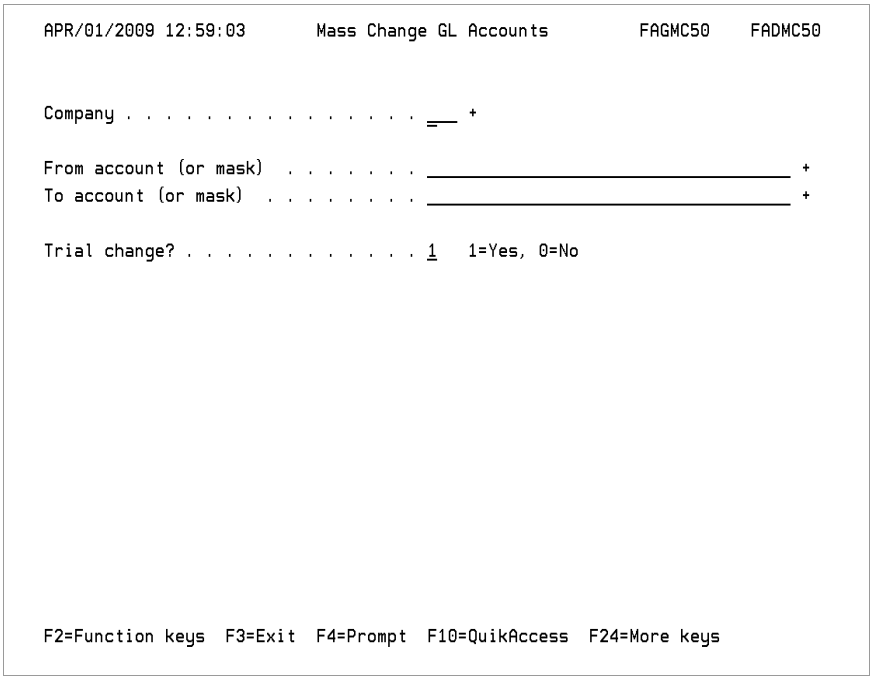


Figure 5-2: Mass Change GL Accounts screen

To account (or mask)

To run the *Mass change GL accounts* function, the account number in the *To account (or mask)* field must also exist in your general ledger system. The GL Account Number Validation, FAGCTC, verifies this account number.

Walking back from Infinium GL to Infinium FA

Overview

You can view source information for transactions in Infinium FA from which a general ledger journal originated. Infinium FA creates journal transactions for asset additions, depreciation, retirements, intracompany and intercompany transfers. The company control in Infinium FA determines which journal transactions to create and whether to transfer journals to Infinium GL in detail or summary.

Transfer Journal program

To support the walkback from Infinium GL to Infinium FA, the Transfer Journal program, FAGHTT, initializes the following fields in the data structures used by the Journal Entry API, GLGFSI:

- Foreign Subsystem, BTFS - initialized to **FA**
- Foreign Subsystem program, BTFSP - initialized to **FAGXGL**
- GL Closing Sequence Number 2, GXSN2

  A change in the account number or a change in a higher level, such as the company, results in the creation of a new record in the Input Journal Detail file, GLPGX. The system increments the value in the *GL closing sequence number* field by one for each new record written to the GLPGX file. The system also stores the *GL closing sequence number* value in the *FA closing number sequence* field, HTGLCN, in Infinium FA.

- GL Closing Sequence Number 1, GXSN1

  This field is based on the batch number. The system assigns a unique fixed assets audit number, HTAUGJ, to each close in Infinium FA. The system derives this number from the *Period end batch number* field, PSBNBR, in the Period end Selection file, FAPPS. Because the batch number for deleted assets is zero, the system takes the batch number directly from the entity using the *Last batch number* field, ECBNBR.

Walkback process

You can walk back from Infinium GL to Infinium FA from the Transaction Details screen in *Interactive trial balance* or *Display processed journals*. Infinium GL calls the Infinium GL to Infinium FA Walkback Driver program, FAGXGL, which displays the detail journals transferred from Infinium FA.

When you select a journal transaction line, the Asset Inquiry program, FAGABI, enables you to view the detail asset transaction information in Infinium FA. You can also use FAGABI within the corporate book segment to inquire against assets through the Asset Inquiry program, FAGAII.

When you close in Infinium FA, the system populates the *FA audit number* field, HTAUGJ, with the closing batch number. The system passes this information to Infinium GL using the *Sequence number one* field, GXSN1, in the Transfer Journal program, FAGHTT.

Because there can be multiple closes to Infinium GL, a summarized account can have multiple Infinium FA transfer records with different audit numbers. When the system transfers these records to Infinium GL, it passes only the first audit number, HTAUGJ, to the *Sequence number one* field, GXSN1. The system then updates the first audit number in the FA Transfer file, FAPHT, for the corresponding account records in the *GL cross reference number* field, HTXGL.

When you walk back from Infinium GL, you can view many records in Infinium FA with different audit numbers even though only one audit number was passed to Infinium GL at the time of transfer.

Notes

Chapter 6 Validating Infinium FA Entities from Other Applications

6

This chapter contains information on technical considerations for using the Infinium FA entity validation program.

The chapter consists of the following topics:

Overview

Infinium FA entities can be validated through the program FAGEVL as an interface between other Infinium products or custom programs and Infinium FA. The following topics are included:

- Using the entity validation process
- Parameters required by FAGEVL
- Parameter details for each request
- Sample program code

Objective

After you complete this chapter you should be able to understand how to use FAGEVL in your custom programs or from other products.

Using the entity validation program

The FAGEVL program provides an interface between other Infinium products or custom program and Infinium FA to provide verification of information within Infinium FA. This single interface approach eliminates the need for multiple APIs.

Application programs that access this program are not likely to be affected by subsequent releases of Infinium FA. This validation program does not provide for adding, changing or deleting information from Infinium FA.

If you create interfaces to Infinium FA, your user profile must be a member of the S2KOBJOWNR group profile or must have *USE authority to S2KOBJOWNR objects. This authority ensures that any objects you create have the proper authority to access Infinium objects.

As illustrated in the validation program receives parameter information from a subledger application program and returns the requested data.

Entity validation program overview

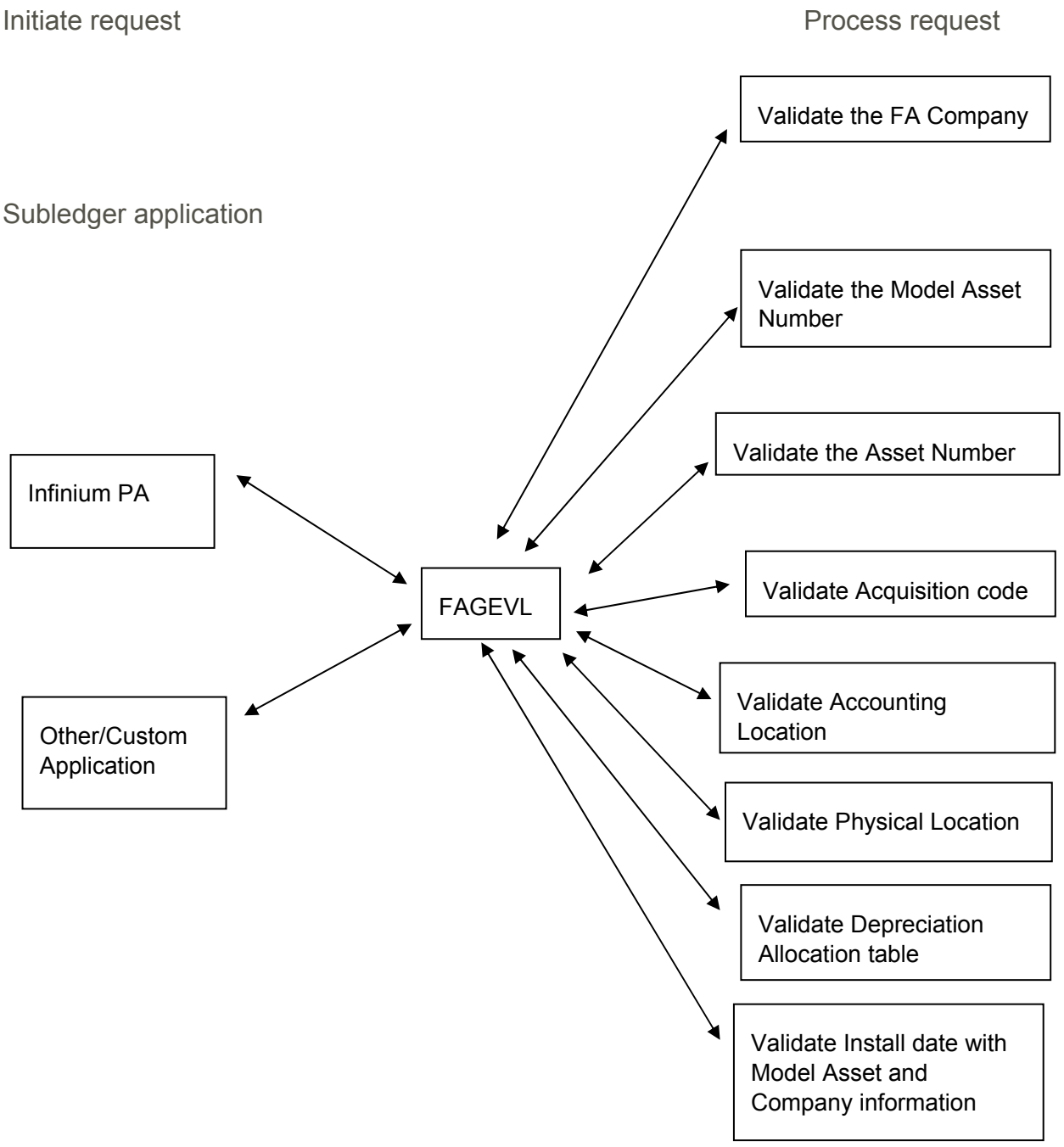


Figure 6-1: Entity validation program overview

Parameters required by FAGEVL

The following two parameters are passed between the subledger program and the validation program.

Parameter	Size	Size attributes
Control data structure - FASCT Contains reference and status Information, including a reference code that identifies the function to be performed	256 bytes	Constant
A general prompt data structure FASDS. It contains the information requested by the subledger.	203 bytes	Constant

The length of the data structures in your subledger programs must match the length of the validation program data structure to avoid overwriting program storage.

Control data structure

Fields - FASCT

The fields in data structure FASCT are illustrated in the table below.

Start position	End position	Field name	Field description	Values
1	3	CTRM	Release and Modification	For future use

Start position	End position	Field name	Field description	Values
4	5	CTREF	Reference code	**01** Validate FA Company **02** Validate Model Asset No **03** Validate Asset No **04** Validate Acquisition code **05** Validate Accounting Location **06** Validate Physical Location **07** Validate Depreciation Allocation Table **08** Validate Install Date with Book Controls and Model Asset
6	7	CTCND	Reference control	For future use
8	8	CTSM	Send message	Should FAGEVL send the error message to the program message queue? **(0** = no, **1** = yes)
9	9	CTRMT	Retrieve message text	Should FAGEVL return the message in CTMID and CTMSG? **(0** = no, **1** = yes)
10	19	CTPGM	Calling program	What program should receive message? (**blank** = *PRV) Only blank is currently supported
20	29	CTUSER	Calling user	User profile that message is sent to if it is not sent to the calling program This field is for future use.
30	30	CTRET	Return code	Status of validation program request. This is a one byte code, **0** or **1**. **0 =** valid **1 =** invalid
31	32	CTRES	Reason code	Further defines the return code; see the specific validation for the defined codes
33	34	CTTYPE	Reason code 2	Further defines the reason code. This field is for future use
35	41	CTMID	Message ID	Returned Message ID if CTRMT = **1**
42	121	CTMSG	Message text	Returned message text if CTRMT = **1**

Reference Code 01, Validate FA company

The table below provides additional detail about the validation program parameters for Reference Code 01.

Validate FA company - Reference Code 01 input parameters

Parameter	Description	Required fields	Value
FASCT	Control Data Structure	CTREF	**01** - Validate FA Company
FASDS	Prompt Data structure	@WCO	FA company to be validated

Returned values in FASCT

Field	Description	Value/explanation
CTRET	Return code	**0** = Company is valid (no errors)
		1 = Company is invalid (errors encountered)
CTRES	Reason code	**00** = Company is valid
		01 = Company does not exist
		02 = Company is valid but not active
		03 = User is not authorized to company
CTMID	Message ID	Returned Message ID if CTRMT = **1**
CTMSG	Message text	Returned Message text if CTRMT = **1**

Returned values in FASDS

Field	Description	Value/explanation
@WFLG1	Filler	**0** = Company does not use automatic generation of asset numbers
		1 = Company uses automatic generation of asset numbers
@WFCO	Company	GL Company for the passed FA Company
@WFLG2	Filler	**1** = Physical location required for all assets
		2 = Physical location is optional for all assets

Reference Code 02, Validate model asset number

The table below provides additional detail about the validation program parameters for Reference Code 02.

Validate model asset number - Reference Code 02 input parameters

Parameter	Description	Required fields	Value
FASCT	Control Data Structure	CTREF	**02** - Validate Model Asset Number
FASDS	Prompt Data structure	@WUSRN	Model Asset to be validated

Returned values in FASCT

Field	Description	Value/explanation
CTRET	Return code	**0** = Model Asset Number is valid (no errors) **1** = Model Asset Number is invalid (errors encountered)
CTRES	Reason code	**00** = Model Asset Number is valid **01** = Model Asset Number does not exist
CTMID	Message ID	Returned Message ID if CTRMT = **1**
CTMSG	Message text	Returned Message ID if CTRMT = **1**

Reference Code 03, Validate FA asset

The following table provides additional detail about the validation program parameters for Reference Code 03.

Validate the FA asset - Reference Code 03 input parameters

Parameter	Description	Required fields	Value
FASCT	Control Data Structure	CTREF	**03** - Validate FA Asset
FASDS	Prompt Data structure	@WCO	The Company to which Asset belongs
		@WUSRN	The Primary Asset Number
		@WCMP	The Component No for this Primary Asset

Returned values in FASCT

Field	Description	Value/Explanation
CTRET	Return code	**0** = Asset is valid
		1 = Asset does not exist
		2 = Asset is invalid
CTRES	Reason code	**00** = Asset is valid
		01 = Asset does not exist
		02 = Asset exists but is inactive
		03 = Asset existed but has been deleted
		04 = Asset existed but number has been changed
CTMID	Message ID	Returned Message ID if CTRMT = **1**
CTMSG	Message text	Returned message text if CTRMT = **1**

Reference Code 04, Validate acquisition code

The table below provides additional detail about the validation program parameters for Reference Code 04.

Validate acquisition code - Reference Code 04 input parameters

Parameter	Description	Required fields	Value
FASCT	Control Data Structure	CTREF	**04** - Validate Acquisition code
FASDS	Prompt Data structure	@WCODE	The Acquisition code to be checked

Returned values in FASCT

Field	Description	Value/explanation
CTRET	Return code	**0** = Acquisition code is valid
		1 = Acquisition code is invalid
CTRES	Reason code	**00** = Acquisition code is valid.
		01 = Acquisition code is invalid
		02 = Acquisition code is present but inactive

Field	Description	Value/explanation
CTMID	Message ID	Returned Message ID if CTRMT = **1**
CTMSG	Message text	Returned Message ID if CTRMT = **1**

Reference Code 05, Validate accounting location

The table below provides additional detail about the validation program parameters for Reference Code 05.

Validate the accounting location - Reference Code 05 input parameters

Parameter	Description	Required fields	Value
FASCT	Control Data Structure	CTREF	05 - Validate Accounting Location
FASDS	Prompt Data structure	@WCO.	The FA company
		@WLOC	The Accounting Location that is checked

Returned values in FASCT

Field	Description	Value/explanation
CTRET	Return code	**0** = Accounting Location is valid **1** = Accounting Location is invalid
CTRES	Reason code	**00** = Accounting Location is valid. **01** = Accounting Location is invalid **02** = Accounting Location is present but inactive **03** = Accounting Location is present but non-posting **04** = Accounting Location Invalid for FA Company
CTMID	Message ID	Returned Message ID if CTRMT = 1
CTMSG	Message text	Returned Message ID if CTRMT = 1

Returned value in FASDS

Field	Description	Value explanation
@WDSC	Description	Accounting location description

Reference Code 06, Validate physical location

The table below provides additional detail about the validation program parameters for Reference Code 06.

Validate physical location - Reference Code 06 input parameters

Parameter	Description	Required fields	Value
FASCT	Control Data Structure	CTREF	06 - Validate Physical location
FASDS	Prompt data structure	@WLOC	The Physical Location to be checked

Returned values in FASCT

Field	Description	Value/explanation
CTRET	Return code	**0** = Physical Location is valid **1** = Physical Location is invalid
CTRES	Reason code	**00** = Physical Location is valid **01** = Physical Location is invalid **02** = Physical Location is present but inactive
CTMID	Message ID	Returned Message ID if CTRMT = 1
CTMSG	Message text	Returned Message ID if CTRMT = 1

Returned values in FASDS

Field	Description	Value explanation
@WDSC	Description	Physical location description
@WLOC	Location	Physical location

Reference Code 07, Validate depreciation allocation table

The table below provides additional detail about the validation program parameters for Reference Code 07.

Validate the depreciation allocation - Reference Code 07 input parameters

Parameter	Description	Required fields	Value
FASCT	Control Data Structure	CTREF	**07** - Validate the Depreciation Allocation table
FASDS	Prompt Data structure	@WCO	The company number
		@WCODE	The Depreciation Allocation table to be checked

Returned values in FASCT

Field	Description	Value/explanation
CTRET	Return code	**0** = Depreciation Allocation table for company is valid
		1 = Depreciation Allocation table for Co. is invalid
CTRES	Reason code	**00** = Depreciation Allocation table for company is valid
		01 = Depreciation Allocation table for company is invalid
CTMID	Message ID	Returned Message ID if CTRMT = **1**
CTMSG	Message text	Returned Message ID if CTRMT = **1**

Reference Code 08, Validate install date with book controls and model asset

The table below provides additional detail about the validation program parameters for Reference Code 08.

Validate the install date with book controls and model asset reference code 08 input parameter

Parameter	Description	Required fields	Value
FASCT	Control Data Structure	CTREF	**08** - Validate the Install date with book controls and Model Asset
FASDS	Prompt Data structure	@WCO	The company number
		@WFDAT	The Install date
		@WUSRN	The Model Asset Number

Returned values in FASCT

Field	Description	Value/explanation
CTRET	Return code	**0** = Install date is valid in both books
		1 = Install date is invalid in either or both books
CTRES	Reason code	**00** = Install date is valid in the books present
		01 = No Corporate book found for Install date
		02 = No Current Accounting year control for Corp book
		03 = No tax book found for this installation date
CTMID	Message ID	Returned Message ID if CTRMT = 1

Returned values in FASCT

Field	Description	Value/explanation
CTMSG	Message text	Returned Message ID if CTRMT = 1

Program code

The following coding segments illustrate input specifications, field initialization, and the call to FAGEVL to validate a FA company.

This example illustrates a request for validating a FA company, using reference code 01. The parameters are data structure FASCT, which is defined as QQCT, and the prompt data structure FASDS parameter, which defined as QQFA.

```
D*   Control block data structure
D QQCT          E DS          256 EXTNAME(FASCT)
D*   Prompt data structure
D QQFA          E DS          203 EXTNAME(FASDS)
**
C                   MOVE      @COM        @WCO
C                   MOVE      '01'         CTREF
C                   CALL      'FAGEVL'
C                   PARM                   QQCT
C                   PARM                   QQFA
C*
```

Figure 6- 2: Reference Code 01 Request

After FAGEVL returns control, the QQCT data structure contains the return and reason codes and the QQFA data structure has information about whether the company uses automatic generation of asset numbers, field @WFLG1, and the GL company for the validated FA company, field @WFCO.

Chapter 7 User Exit Programs

7

This chapter contains information on the user exit programs that are available in Infinium FA for specialized processing during a period end close.

The chapter consists of the following topics:

Overview

Infinium FA provides the following user exit programs:

- Pre-period End Close program, FAGPRE
- Post-period End Close program, FAGPOST

Objectives

After you complete this chapter, you should be familiar with:

- Information about using the pre-period end close and post-period end close user exit programs
- Key component requirements for the user exit programs

User exit programs, FAGPRE and FAGPOST

Users can use the two user exit shell programs, the Pre-period End Close program, FAGPRE, and the Post-period End Close program, FAGPOST, for specialized validation, processing, or reporting procedures during the actual period end close.

The system automatically calls these programs during the close process.

To use these programs, users must access the first entity controls screen.

1 From the Infinium FA main menu, select *Control File Maintenance*.

2 Select *Entity Control Files*.

3 Select *Work with entity controls* [WWEC].

The following figure shows the Work With Entity Controls screen 1:

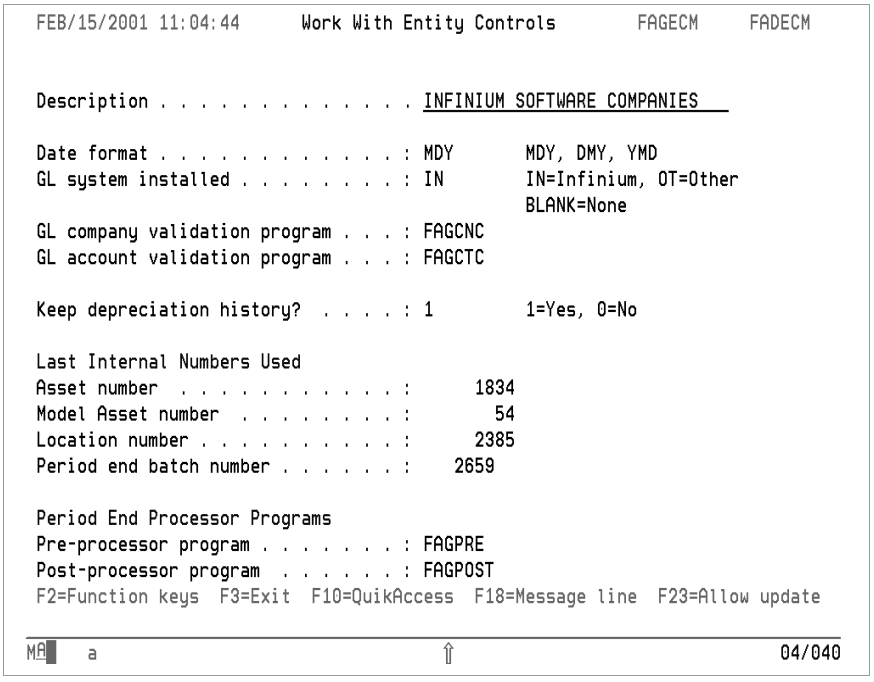


Figure 7-1: Work With Entity Controls screen 1

Period End Processor Programs

To process period end data, Infinium FA provides the shell programs, FAGPRE and FAGPOST, in the *Pre-processor program* and *Post-processor program* fields.

You can use these shell programs or you can provide your own program names to replace FAGPRE and FAGPOST.

FAGPRE and FAGPOST must accept the 28-byte key to the Task Coupling file, FAPLZ. This key contains the following components:

- Job name
- IBM job number
- Date
- Time

Chapter 8 Conversion Issues

8

This chapter contains information about converting existing fixed assets data to Infinium FA.

The chapter consists of the following topics:

Overview

Because the source of the data to be converted varies by customer site, this chapter emphasizes the content of the Infinium FA conversion programs and files. Technical personnel who control the conversion process should understand the following:

- The software applications and operating system involved in the conversion
- The RPG IV programming language

Infinium FA provides a shell conversion program, FAGALOC, for the conversion of accounting and/or physical location hierarchies.

Infinium FA does not provide a data conversion program. Technical personnel must define a program for converting data at the customer site. For more information about converting data, refer to “Field-By-Field Conversion Data” appendix.

Objectives

At the conclusion of this chapter you should understand the following:

- Conversion considerations for security and library lists
- Special conversion considerations for ACE tax depreciation
- Information to help you convert your accounting locations, physical locations, and your asset data files

Conversion overview flow chart

The diagram below shows the conversion overview flow chart.

Infinium Fixed Assets Conversion Overview

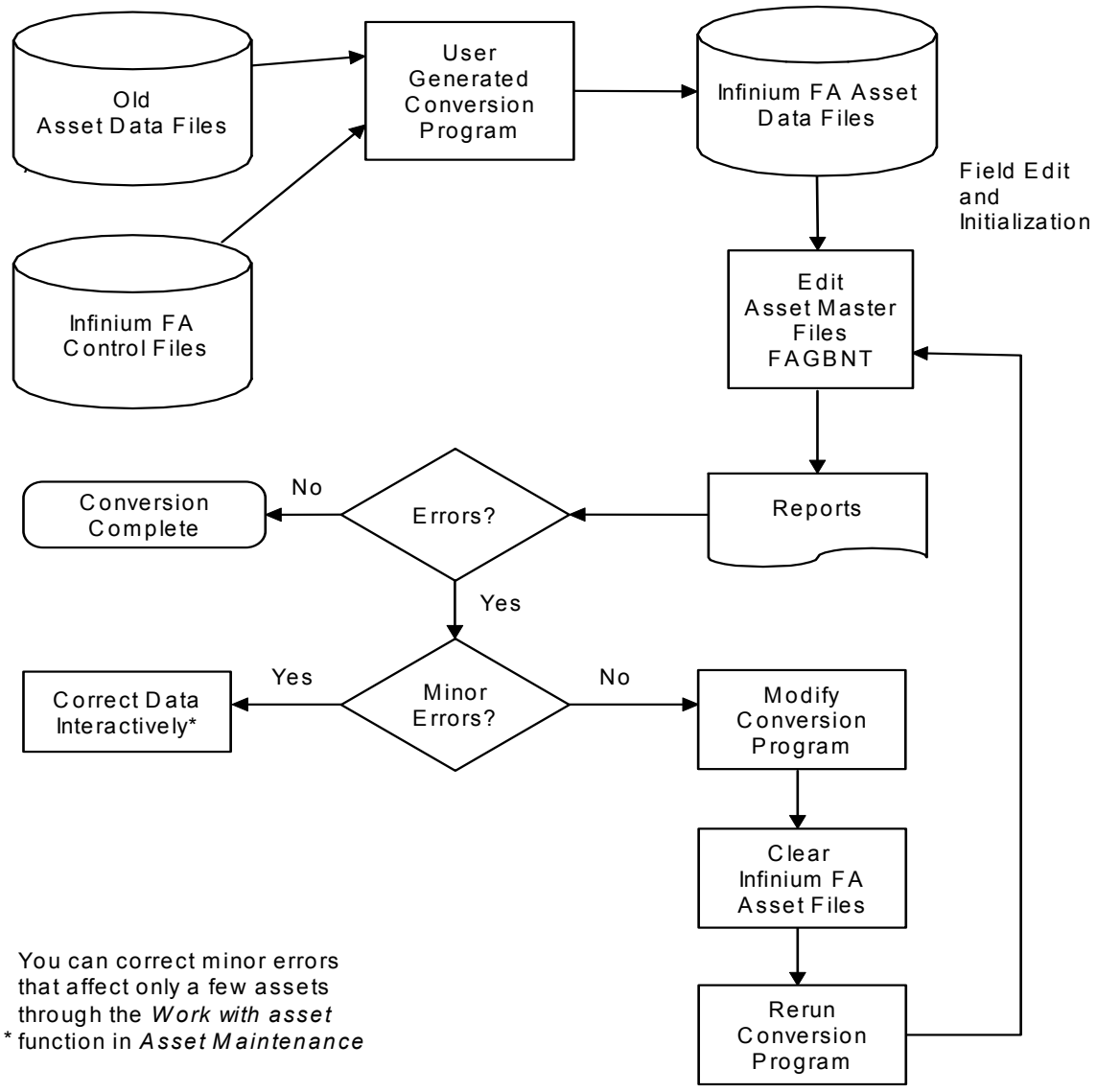


Figure 8-1: Conversion Overview

Converting accounting and physical locations

The value of converting accounting locations and physical locations from your old fixed assets system to Infinium FA is directly proportional to the number of locations your system requires.

Pre-conversion issues

Prior to conversion, consider the following:

- If you convert any data by using a program, you should execute the conversion through Infinium AM. Signing on as AM2000 gives you the authority to the application objects and maintains the ownership of all objects by S2KOBJOWNR.
- If S2KOBJOWNR does not have authority to access the commands, CRTDSPF, CRTPRTF, CRTBNDRPG, and CRTRPGPGM, you must assign object authority to S2KOBJOWNR.

Note: For more information about conversion issues using Infinium AM, refer to the *Infinium AM Administrator's Guide*.

Prerequisites for conversion

Before you convert your accounting locations and physical locations, you must create the following files:

- Company Controls file, FAPCF, which contains the accounting location structure
- Entity Control file, FAPEC, which contains the physical location structure

Conversion shell program, FAGALOC

Infinium FA provides one shell program, FAGALOC, for converting accounting locations and physical locations.

Before modifying FAGALOC, do the following:

1 Copy FAGALOC from library FA2000 into library FACUST.

   If possible, use the CRTDUPOBJ command with DATA(*YES) to copy your old files into FACUST for conversion. If this is not possible, you must add the resident library name to the application library list.

2 Create two copies of shell program FAGALOC in library FACUST.

3 Modify each copy separately, one for Accounting Locations file FAPLO and one for Physical Locations file FAPPL.

   Infinium FA requires the use of the Accounting Locations file, FAPLO, throughout the system. The system does not require the Physical Locations file, FAPPL.

   You should use a program for converting accounting locations and physical locations only if reliable source data is available. You can create these files manually by using the following *Control File Maintenance* functions:

   - *Work with accounting locations*
   - *Work with physical locations*

   Note: For detailed information about specific fields in FAPLO and FAPPL, refer to the “Field-by-field Conversion Data” appendix later in this guide.

Converting your locations

To convert locations using the shell conversion program, FAGALOC, do the following:

You can assume that any reference to a location applies to both accounting locations and physical locations, unless otherwise indicated.

1 Confirm the source of all valid combinations of location components in your old system. This source can be an organizational structure similar to Infinium FA, or it can be a combination of fields. The system requires the following:

   - An expanded location number with embedded separator characters
   - All valid combinations of the location number components
   - A description of the full location number

2 Review the detailed field-by-field list for other fields that you may want to convert.

3 Determine if you need to do any reformatting or number conversion as part of the file conversion. Then complete the definition and develop any routines as required.

   Reformatting may be necessary because the system requires embedded separator characters in the Infinium FA location number.

4 Create any location numbers that you cannot convert from your old system.

   Each of the location files has a unique hierarchical structure that requires the existence of a location number to define each level of the hierarchy.

   For example:

   - If location number 001-01-00001-908988 exists, 001-01-00001 must exist.
   - If location number 001-01-00001 exists, 001-01 must exist.
   - If location number 001-01 exists, 001 must exist.

   For accounting locations, the first component (001 in the example) must be equal to the company number to which the accounting location belongs. Physical locations are not related to any company. Therefore, the first component of a physical location does not have to be equal to any particular value.

   You can create these hierarchical components by doing one of the following:

   - Use the *Work with accounting locations* and *Work with physical locations* functions in *Control File Maintenance*.
   - Modify shell program FAGALOC by incorporating the hierarchy build routine from the General Ledger Chart of Accounts Conversion shell program, GLGCCT.

5 Make a backup of the location files, FAPLO and FAPPL, and the Entity Control file, FAPEC, in case you must rerun the conversion.

6 Use the shell program, FAGALOC, in library FA2000 as a base for your program. Then copy FAGALOC into library FACUST and modify the FACUST version.

   FAGALOC accesses the Entity Control file, FAPEC, to obtain and maintain the *Last Location Number* field, *ECLOCN*. You must update this field each time you create a new accounting location or physical location number. You can also create your own program for the location conversion.

7 Test run your location conversion data. Use the functions on the menu in *Control File Display and Print* to print your accounting location. If you run the

Print accounting locations function with the *List GL accounts* field set to **1**, the system validates the general ledger accounts to the general ledger chart of accounts.

You can run this program several times to allow for error correction. You do not have to restore the files before re-executing the program, unless you need to delete the files in your conversion and begin again.

8 Run the *Mass Maintenance* functions, *Mass change acct loc alt seq* and *Mass change phys loc alt seq*, to create the alternate sort sequences for each location as defined in the location structure.

Converting asset data files

The value of converting your asset data files is directly proportional to the validity of your source data and the number of assets in your system.

For detailed information about specific fields in each asset data file, refer to the appendix on “Field-by-field Conversion Data” later in this guide.

Using the *Run edit asset master file* function

You can use the *Run edit asset master file* function in *System and Application Setup* to validate your conversion data. The following figure shows the Run Edit Asset Master File screen.

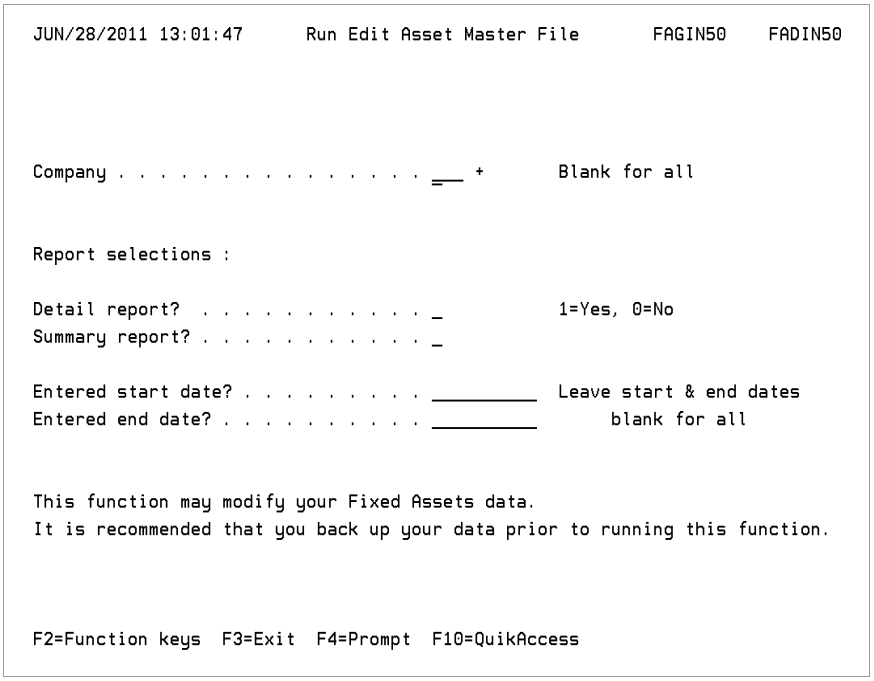


Figure 8-2: Run Edit Asset Master File screen

Type **0** in the *Detail report?* field and **1** in the *Summary report?* field to obtain a report listing errors only.

This function executes the Batch Asset Maintenance program, FAGBNT, and does the following:

- Initializes derivable fields or fields used internally by the system for assets that fall within the date range stipulated or for all assets if no date range is specified
- Produces a report that indicates errors
- Updates tax books based on asset data

You use the *Run edit asset master file* function for conversions and net new additions where a date range can be used to select assets. If you run the *Run edit asset master file* function over historical data, assets with transfer history are edited and updated base on the current company.

The *Run edit asset master file* function recalculates and replaces tax book Section 179 expensing information for any tax book associated with assets entered into the system within the date range specified. Only those assets entered into the system within the date range are considered when updating a tax book.

If you enter assets with 179 expensing into the system outside of the date range specified, you must expand your date submissions to ensure that the associated tax books are updated accurately.

You can run this function repeatedly as part of the conversion process to initialize and validate converted data. Because run time for this function depends on the number of assets in your system, you should schedule this time accordingly.

If you are creating asset data files through an interface program, you can use the *Run edit asset master file* function after moving from your test environment to your production environment. Infinium FA uses the program, FAGBNT, to validate the data.

Conversion process

You can use this conversion process to verify the steps that you are taking to convert your fixed assets data to Infinium FA.

Converting locations and assets

Perform the steps below to prepare for conversion and to convert locations and assets.

Conversion preparations

1. Clear the test data shipped with the software.
2. Create the required control files.

Convert locations

3. Convert or manually add the accounting and physical locations (physical locations are optional).

Convert assets

4. Either manually enter the assets or write an asset conversion program and convert the asset data. Non-ACRS and MACRS tax assets should be converted to the end of the year.
5. If you used a conversion program to convert your assets, execute the *Run edit asset master file* function.
6. Correct any assets in error.
7. Validate the following:
   - Total number of assets and total cost for book and tax
   - Total accumulated reserve for book
8. Initialize ADR vintage accounts if converted from another system.
9. Print the asset detail report.

10 Back up the database.

Setting up ACE values and tables

Before Infinium FA can calculate Adjusted Current Earnings (ACE) depreciation for assets installed before tax year 1990, you must set up the following values and tables:

- ACE Remaining Basis
- ACE Remaining Life
- ACE Depreciation Tables

Continue with the conversion steps to set up ACE values and tables.

11 Using the *Work with accounting year* function, change the current accounting year for the Federal tax book to 1989.

For fiscal years, adjust the year 1989 to the year that contains the date December 31, 1989.

For example, if the fiscal year 1990 begins on 07/01/89 and ends on 06/30/90, change the current accounting year to 1990.

You must adjust all other dates listed in the subsequent steps accordingly.

12 Copy and save your database.

13 Use the *Run period end closing* function to close period 12 in 1989 for ACR assets only. Close only your ACR assets by selecting the items that have ACR in the *Tax Reg* field.

14 Run the *Initialize year end* function for 1989 to advance the current accounting year to 1990; this year can be different for fiscal years.

Update ACE tables

15 Run the *Update ACE tables* function for the system to assign the *ACE remaining basis* and *ACE remaining life* fields.

16 Use the *Display asset* function to check the *ACE remaining basis* and *ACE remaining life* fields for assets installed before 1990.

Note: If you do not see figures in both the *ACE remaining basis* and *ACE remaining life* fields, stop the ACE setup procedure and contact the Customer Support Center. If you do see figures in these fields, continue to the next step in this setup procedure.

17 Verify the accuracy of the *ACE remaining basis* and *ACE remaining life* fields for an ACRS asset and a MACRS asset.

18 Use the *Run period end closing* function to close period 12 in 1990 for your ACR assets only.

19 Run the ACE report to verify ACE depreciation figures as of 12/31/90.

Initialize year end for 1990

20 Run the *Initialize Year End* function for 1990. Running this function automatically advances the current accounting year to 1991.

21 Repeat steps 13 and 14 for each subsequent year up to the year in which you want to perform your reconciliation.

22 Validate accumulated reserve for tax purposes.

23 Copy and save your database.

Closing current year data

24 Perform retirements on assets retired in the current year if you have not converted these assets.

25 Clear the transfer file, FAPHT, to avoid double posting to the general ledger, or transfer transactions to the general ledger and delete the journal batches in the general ledger.

Completing the conversion

Complete the conversion process by reconciling all of your converted data.

Chapter 9 Security

9

This chapter contains information about Infinium FA security.

The chapter consists of the following topics:

Security overview

Infinium FA provides two types of security:

- External security (IBM's object authority)
- Internal security (Infinium's functional security)

External security restricts a user from accessing an application except by using that application's menus or by using the quick access codes from within the application. External security ensures that all objects are available to any user who is authorized to a function allowed on that user's profile.

Internal security allows an application supervisor to create and maintain individualized menus for each user or group of users. Internal security allows users to execute any functions they can see and to see only functions they can execute.

The Infinium user profile, S2KOBJOWNR, has complete authority over all objects in Infinium FA. All users of the system are part of the S2KOBJOWNR user's group. No public or other private authorities exist in Infinium FA. Users require no explicit object authority other than the authority that the users adopt from their group profile. S2KOBJOWNR must exist on the System i before you restore any libraries in Infinium FA.

Infinium FA requires the user profile, Infinium FA. This profile is the default owner and supervisor of the system. Infinium provides the user profiles, FA2000 and AM2000, with the Infinium FA system. You should change the passwords for these profiles to protect the systems from unauthorized access. You must set up FA2000 and AM2000 as IBM user profiles on your system.

Objectives

After you complete this chapter, you should be familiar with:

- Setting the levels of security in Infinium FA
- A sample menu structure for assigning security to different user types
- Information about company group security

Levels of security

Infinium FA provides these three levels of security:

- Menu level
- Company group level
- Field level

The following table describes how you can use the security levels:

If you provide security at the…	You can…
Menu level	Restrict a user from selecting specific menu options by eliminating those options on that user profile. **Note:** For more information about user security, see the next topic on “Security user types.”
Company group level	Restrict a user to specific companies by securing that user profile to a company group
Field level	Restrict a user from accessing the data in a field by assigning field level security through the *Help* function.

Note: For more information about security, you can refer to the *Infinium AM Technical Training Guide*.

Security user types

This topic provides a Sample Menu Structure that includes the three menu levels available in Infinium FA and the possible user types that you can assign to access the functions at each level.

The Sample Menu Structure Legend shows the values that represent the user types listed in the table.

Sample menu structure legend

Value	User type
A	Accounting supervisor
D	Data entry
M	MIS
T	Tax supervisor
*****	All users

Use the sample menu structure below to help you assign user security.

Sample menu structure

Level 1	Level 2	Level 3	User type
Control File Maintenance FACMM010	*Application Control Files* FAAPPCTLM	Work with company controls FACMI110	A,M,T
		Work with accounting locations FACMI120	A,M
		Work with corporate book control FACMI130	A,M
		Work with tax book controls FACMI140	A,M,T
		Work with accounting years FACMI115	A,M,T
		Work with vehicle limits FACMI150	A,M,T
		Work with interco exchange FACMI160	A,M
		Work with depreciation allocatn FACMI170	A,M
		Work with retirement overrides FACMI175	A,M
		Work with company groups FACMI180	A,M,T
		Create code values FACMI190	A,M,T
	Entity Control Files FASYSCTLN	*Work with depreciation tables* FACMI520	A,M
		Work with model assets FAMAI100	A,M
		Work with code types FACMI530	M
		Work with entity controls FACMI540	A,M
		Work with physical locations FACMI550	M,T,A

Sample menu structure

Level 1	Level 2	Level 3	User type
Control File Display and Print	*Display Application Control File*	*Display company controls* FACII110	*
FACLM020	FAAPPCTLD	*Display accounting locations* FACII120	*
		Display corporate book control FACII130	*
		Display tax book controls FACII140	*
		Display accounting years FACII115	*
		Display depreciation allocation FACII150	*
		Display retirement overrides FACII155	*
		Display company groups FACII160	*
		Display code values FACII170	*

Sample menu structure

Level 1	Level 2	Level 3	User type
Control File Display and Print	*Print Application Control Files*	*Print company controls* FACIB520	*
FACLM020	FAAPPCTLP	*Print accounting locations* FACIB530	*
		Print corporate book controls FACIB540	*
		Print tax book controls FACIB550	*
		Print accounting years FACIB525	*
		Print depreciation allocation FACIB560	*
		Print intercompany exchange acct FACIB590	*
		Print retirement overrides FACIB565	*
		Print company groups FACIB570	*
		Print code values FACIB580	*
	Display Entity Control File	*Display depreciation tables* FACII320	*
	FASYSCTLD	*Display physical locations* FACII330	*
	Print Entity Control File	*Print depreciation tables* FACIB720	*
	FASYSCTLP	*Print physical locations* FACIB730	*
		Print model assets FACIB740	*

Sample menu structure

Level 1	Level 2	Level 3	User type
Asset Maintenance and Transfer FAAMM040	*Asset Maintenance* FAASSETM	*Work with asset* FAAMI100	A,D,M,T
		Work with ADR vintage account FAAMI101	A,M,T
		Work with like-kind exchanges FAAMI120	A,M,T
		C*hange asset number* FAAMI102	A,M,T
		Delete depreciated asset FAAMI110	A,M,T
	Asset Transfers FATRANSFER	*Interactive asset transfer* FAAM1220	A,D,M,T
		I*nteractive partial transfer* FAAM1230	A,D,M,T
		Mass transfer by accounting loc FAAMB240	A,D,M,T
		Mass transfer by physical loc FAAMB245	A,D,M,T
Asset Display and Print FAAIM050	*Display Assets* FAASSETD	*Display asset* FAAII100	*
		I*nquire against assets* FAAII110	*
		Display ADR vintage accounts FAAII120	*

Sample menu structure

Level 1	Level 2	Level 3	User type
Asset Display and Print FAAIM050	*General Reports* FAGENREP	*Print asset register* FAAIB210	*
		Print corporate book by year FAAIB220	*
		Print tax books by year FAAIB230	*
		Print retirement book by year FAAIB240	*
		Print book comparison report FAAIB280	*
		Print ADR vintage accounts FAAIB250	*
		Print Reconciliation Report FAAIB260	*
	Standard Reports FASTNDREP	*Print asset additions* FAAIB320	*
		Print asset depreciation FAAIB330	*
		Print asset retirements FAAIB340	*
		Print asset transfers FAAIB350	*
		Print asset deletions FAAIB355	*
	Depreciation History FADPRHIS	*Display depreciation history* FAAII520	*
		Print asset depreciation history FAAIB620	*
		Display ADR depreciation history FAAII530	*
		Print ADR depreciation history FAAIB630	*

Sample menu structure

Level 1	Level 2	Level 3	User type
Interface Items FAINTER	*Work with interface items* WWAPI		A,D,M,T
	Print interface items FABPRTII		*
Mass Maintenance FAAIM055	*Mass change acct loc alt seq* FACMB620		A,M
	Mass change phys loc alt seq FACMB630		A,M
	Mass maintain acct locations FACMB640		A,M
	Mass maintain phys locations FACMB650		A,M
	Mass change acct locations FACMB645		A,M
	Mass change GL accounts FACMB660		A,M
	Mass retire assets FACMB670		A,M
	Mass create corporate book cntrl FAINI255		A,M
	Mass create tax book controls FAINB265		A,M
Projections FAPRM070	*Print FASB 109 report* FAPRB130		A, M, T
	Print depreciation projections FAPRB150		A, M, T
	Print all projections FAPRB160		A, M, T

Sample menu structure

Level 1	Level 2	Level 3	User type
Period End Processing FAPPM080	*Run period end trial closing* FAPPB100		A, M, T
	Run period end closing FAPPB105		A, M, T
	Generate journals FAPPB205		A, M
	Print journals FAPPB130		A, M
	Transfer journals FAPPB140		A, M
	Clear transferred journals FAPPB150		A, M
Year End Processing FAYEM090	*Year End Reports* FAYRENDR	*Print Form 4562 (depr & amort)* FAYEB170	A,M,T
		Print Form 4797 (gain/loss) FAYEB220	A,M,T
		Print Form 4626 - AMT worksheet FAYEB210	A,M,T
		Print Form 4626 - ACE worksheet FAYEB250	A,M,T
		Print year end summary report FAYEB260	A,M,T
		Print Schedule M worksheet FAYEB270	A,M,T
Year End Processing FAYEM090	*10K Summary Report* FA10KREP	*Print 10K summary report* FAPPB120	A,M,T
		Print 10K with prior year adds FAPPB121	A,M,T
		Run synthetic year end balance FAPPB110	A,M
		Maintain 10K year end balances FAPPI115	M

Sample menu structure

Level 1	Level 2	Level 3	User type
	Year End Maintenance FAYRENDPRO	*Test for mid-quarter convention* FAYEB190	A,M,T
		Apply mid-quarter convention FAYEB200	A,M,T
		Initialize year end FAYEB230	A,M,T
Insurance Valuation FAINS	*Work with revaluation classes* FAIITM		A,M
	Work with revaluation indicies FAIIXM		A,M
	Print revaluation index values FABILS		A,M
	Calculate insurance valuation FABIRE		A,M
	Print insurance valuations FABIVL		A,M
Supervisor Functions FASFM100	Work with user security FASFI320		M
	Reset dates for short year FAYEB240		M
Supervisor Functions FASFM100	*Reorganize and Purge* FAREORGPUR	*Reorganize FA2000 files* FASFB110	M
		Purge asset data FASFB120	M
		Purge asset history FASFB130	M
		Print purged asset history FASFB135	M
		Copy purged history to tape FASFB137	M
		Purge miscellaneous files FASFB140	M
		Purge retired assets FASFB145	M

Sample menu structure

Level 1	Level 2	Level 3	User type
	Reorganize and Purge FAREORGPUR	*Print purged retired assets* FASFB150	M
		Copy purged ret assets to tape FASFB155	M
System and Application Setup SYSSETUP	*Purge Data* PURGEDATA	*Clear application files* FAINB120	M
		Clear asset master files FASFB120	M
	Entity Control Setup ENTITYINIT	*Create entity controls* FACMI540	A,M
		Create accounting year codes (AYR) FACMI190	A,D,M
		Create physical locations FACMI550	A,D,M
System and Application Setup SYSSETUP	*Application Control Setup* FACONTROLS	*Create company controls* FACMI110	A,M
		Create accounting locations FACMI120	A,D,M
		Create corporate book controls FACMI130	A,M
		Mass create corporate book cntrl FAINI255	A,D,M
		Create taxing authority (TXA) FACMI190	A,M
ACE Setup ACESETUP	*Update ACE tables* FAINB320		A,M,T
			A,M,T
			A,M,T
			A,M,T

Sample menu structure

Level 1	Level 2	Level 3	User type
	Conversion Controls CONVERTCTL	*Run edit master file* FAINB420	M
		I*nitialize vintage accounts* FAINB440	M
		Print asset detail FAINB450	M

Company group security

You can access the user security screens as follows:

1 From the Infinium FA main menu, select *Supervisor Functions*.

2 Select *Work with user security* [WWUS].

The following figure shows the Work With User Security screen 1:

```
APR/01/2009 14:36:02       Work With User Security         FAGUXM     FADUXM


Type option, press Enter.
  2=Secure user to company group  4=Remove company group

Opt User       Description                                        Level Secured
 =  ANN        Ann Koff temp                                        5      0
 _  CHRIS      Chris Hardy temp                                     5      0
 _  DEGCHT     deg cht                                              9      0
 _  LLAKE      Lydia Lake                                           5      0









F2=Function keys  F3=Exit  F5=Refresh  F10=QuikAccess  F18=Message line
```

Figure 9-1: Work With User Security screen 1

Opt

A value of **2** in the *Opt* field secures a user to a company group. A value of **4** removes a user from a company group.

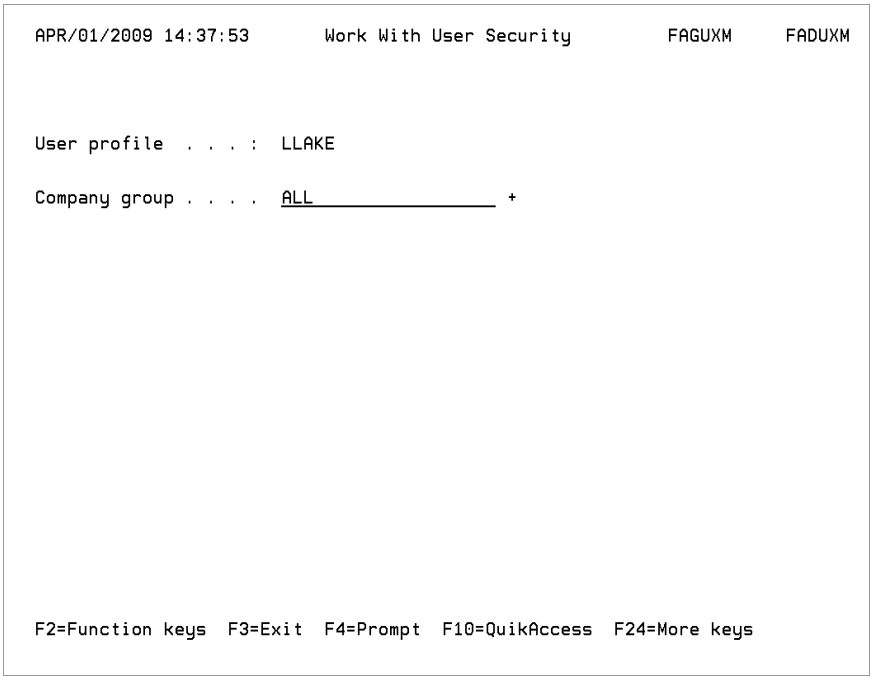


Figure 9-2: Work With User Security screen 2

Company group

The Security program, FAGUXC, checks the Security file, FAPUX, for a company group.

You must create the company group before typing it in the *Company group* field on this screen. You set up company groups in the *Work with company groups* function in *Control File Maintenance*.

Users assigned to a company group can display the companies to which they have access by pressing F13 in any promptable *Company* field on an Infinium FA screen.

Chapter 10 System Maintenance

10

This chapter contains information on maintaining file space in Infinium FA.

The chapter consists of the following topics:

Overview

To manage disk space efficiently, you should periodically perform maintenance procedures to clear selected physical files and to purge and reorganize data files.

WARNING! You should run purges and reorganizations only when no users are signed onto Infinium FA and when no active jobs exist on the system. Do not cancel a purge or reorganize job. Refer to the help text for each individual purge or reorganize function for additional warnings.

Objectives

After you complete this chapter, you should be familiar with:

- Monitoring and maintaining file sizes
- Clearing application files
- Purging data
- Printing purged data and copying purged data to tape
- Reorganizing data files

Reviewing the audit trail

To troubleshoot problems within Infinium FA or to determine which files to clear and purge, you can select the *Display asset* option to review your data.

1 From the Infinium FA main menu, select *Asset Display and Print*.

2 Select *Display Assets*.

3 Select *Display asset* [DA].

4 At the prompt screen, type a valid company and asset number in the *Company* and *Asset number* fields and type an asterisk (*) in the *History type* field.

5 Press Enter. The system displays the selection screen.

6 To view the workstation and user information for this asset history and selection screen, press F6. The system displays the Display Asset Audit History screen.

```
APR/02/2009 08:21:04            Display Asset            FAGABI     FADABI

Company . . . . . . . . . . : GOZ GO ZONE TEST COMPANY
Asset number  . . . . . . . :          100     ASSET 100

Opt  Type Description                    Date       Time       Segment
 =        ACTIVE                         3/23/2006   10:02:51  Base
 Workstation, User . . . . . . . . . . . : QPADEV0015  AM2000


 _        ACTIVE                         5/19/2006   15:53:41  User
 Workstation, User . . . . . . . . . . . : QPADEV000X  AM2000
 _    M   MODIFICATION                   5/19/2006   13:27:13  User
 Workstation, User . . . . . . . . . . . : QPADEV000V  AM2000


 _        ACTIVE                         5/19/2006   14:18:21  Corporate
 Workstation, User . . . . . . . . . . . : QPADEV000P  CGK


                                                                          +


F2=Function keys  F3=Exit  F6=More information  F8=Walkback  F24=More keys
```

Figure 10-1: Display Asset Audit History screen

Infinium FA carries history information in the following files:

- Asset data files
- Accounting Locations file, FAPLO
- Physical Locations file, FAPPL

The system also carries history data in the following fields, in which *XX* is the data file designator.

History data

Field	Description
XXAFLG	*The activity flag value that indicates the type of history record.* *The Asset Descriptive Text file, FAPAX, does not have an activity flag field*
XXSETH	*Date changed*
XXTIME	*Time changed*
XXWSID	*Workstation ID*
XXUSID	*User profile*

The history record type values for the activity flag are as follows:

History record type values for the Activity flag

Value	Description
Blank	Active record
*****	Displays all transactions
D	Deletion
L	Change to asset life
M	Modification
N	Asset number change
P	Partial transfer
Q	Accounting location number change
R	Retirement
T	Transfer
X	Intercompany transfer

The system uses the activity flag when processing history records. For example, when processing history for the User Data file, FAPAU, the system uses the internal asset number, *AUASSN*, as the key to the FAPAU file.

7 Checks the status of the *Activity Flag*, *AUAFLG*. Multiple history records per asset can exist

- If *AUAFLG* contains one of the history record type values, multiple history records per asset can exist.
- If *AUAFLG* is blank, only one active record can exist.

8 Checks for changes to the FAPAU file. If changes exist, the system does the following:

- Adds a new record with a blank status for the *Activity Flag*, *AUAFLG*, and new information in the changed fields.
- Saves the old information in the old record, except that the system changes *AUAFLG* to a code that reflects the change. See the *Activity Flag* field, *AUAFLG* table.

Clearing application files, FAGCAF

To clear application files, do the following:

1. From the Infinium FA main menu, select *System and Application Setup*.
2. Select *Purge Data*.
3. Select *Clear application files* [CAF].

Before setting up a new system, you can use the *Clear application files* function to clear files created during the testing process.

If you run this function, the system:

- Does not clear the depreciation tables or the system-maintained code values files
- Clears all application files including all user-defined control files and asset data files

Caution: You should prohibit users from deleting application files by removing the *Clear application files* function from all user profiles. If you remove the *System and Application Setup* option from the user profile, the system automatically removes the *Clear application files* function.

Purging asset data files, FACCMF and FAGCMF

Through the *Purge asset data* function, you can delete all asset data for one company or all companies on the system. When you execute this function, the system resets the limits on your book controls and deletes the following for all assets:

- Data segments
- Vintage account information
- Depreciation history

We strongly recommend that you back up the database before you purge asset data.

Caution: Before executing this function, be certain that all other users who have the Infinium FA database in their library list are signed off of the system. Do not cancel this job once it starts running.

Purging asset data

To access the *Purge asset data* function, do the following:

1. From the Infinium FA main menu, select *Supervisor Functions*.
2. Select *Reorganize and Purge*.
3. Select *Purge asset data* [PURGEASSET].

The following figure shows the Purge Asset Data screen.

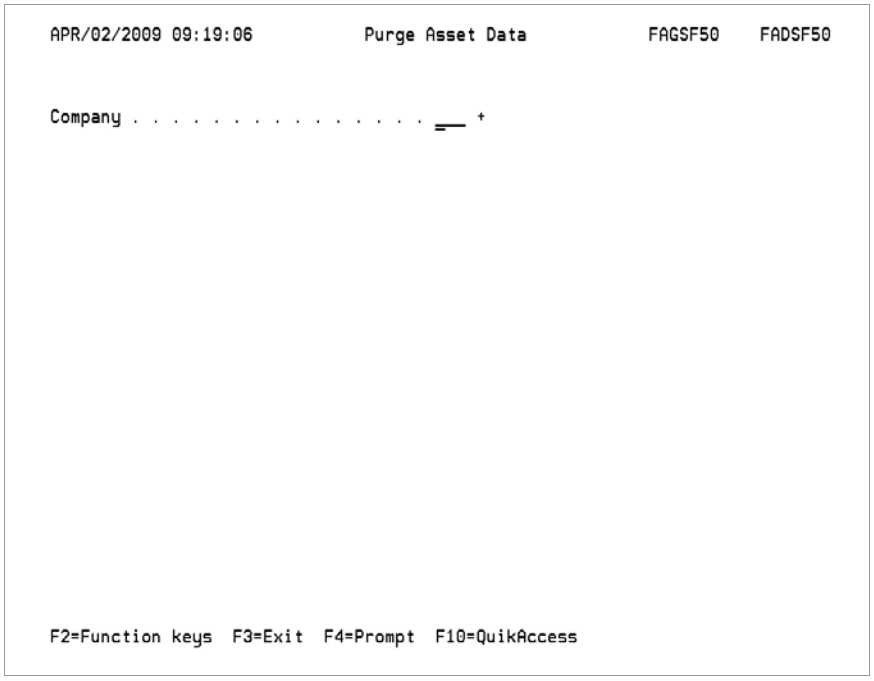


Figure 10-2: Purge Asset Data screen

Company

If you type a company identifier in the *Company* field, the system purges only records for that company.

If you leave the *Company* field blank, the system purges records for all companies.

WARNING! Because the system does not display a confirmation screen, you should set the job control to place the job on hold in the job queue. This allows a final check before you release the job to the purge process.

Note: You should remove this *Purge asset data* option from all menus after completing the conversion.

The system uses the Clear Master Files programs, FACCMF and FAGCMF, to perform this purge function. FACCMF calls FAGCMF to perform the actual purge based on the criteria that you provide on this screen.

The system can purge files for a single company or for all companies.

If you type a company in the *Company* field, the system does the following:

1 Copies the records from the data file to a temporary file in QTEMP using the Copy File command, CPYF, with the *REPLACE* option. The system creates a temporary file if one does not exist in QTEMP.

2 If records in the temporary file do not match the company to be purged, the system copies these records back to the data file using the CPYF command with the *REPLACE* option.

If you do not type a company in the *Company* field, the system executes a Clear Physical File Member command, CLRPFM, to clear the entire file.

Caution: If you are purging data for all companies, the system does not save the purged data to a temporary file.

The following diagram shows an example of the purge asset data process.

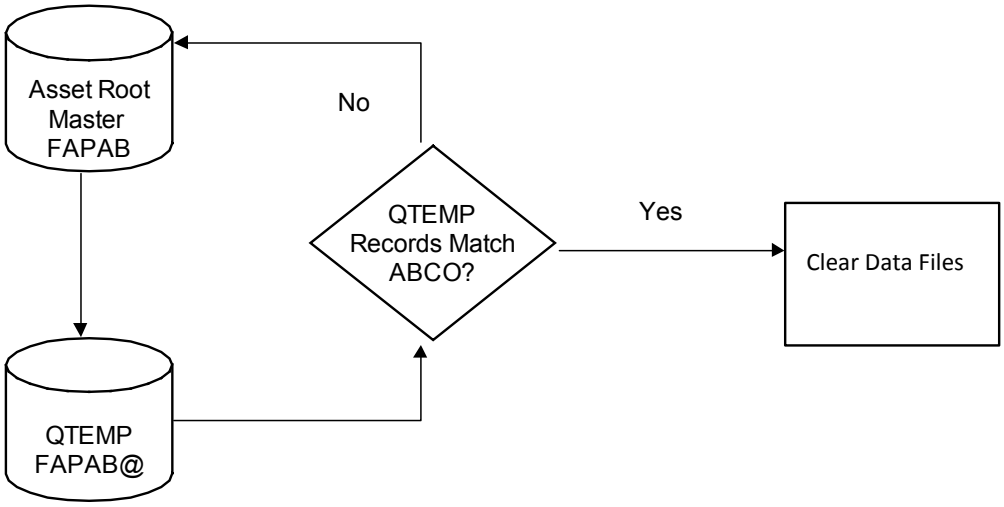


Figure 10-3: Example of the Purge Asset Data Process

During the purge process, the system purges the following files.

File type	Files purged
Asset Segment Files	FAPAB FAPAF FAPAI FAPAK FAPAM FAPAR FAPAU FAPAX FAPAY
Vintage Accounts Files	FAPV1 FAPV2 FAPV3
Journal File	FAPHT

File type	Files purged
Depreciation History Files	FAPHS FAPHA

Purging asset history files, FACPHR and FAGPH

The *Purge asset history* function allows you to selectively delete asset history information and/or asset data segments. If you have done a great deal of maintenance on assets and you do not need all the history stored on the system, you can use this function to reduce the amount of disk space that the system uses.

The decision to purge asset history should not be made solely by MIS. You should have agreement from general accounting, tax, and your internal audit group as well as MIS before you run the *Purge asset history* function. The system does not purge the active segments of the asset.

Be certain you do not need the asset history for any reason. Running this function effectively purges your audit trail.

We strongly recommend that you back up the database before you purge asset history and that you only purge history by date range starting with your oldest year of history.

Caution: Before executing this function, be certain that all other users who have the Infinium FA database in their library list are signed off of the system. Do not cancel this job once it starts running.

When you purge asset history data, you can use the following functions:

- The *Purge asset history* function, which writes the purged data to a temporary file
- The *Print purged asset history* function, which generates a report of the purged data
- The *Copy purged history to tape* function, which saves the purged data to an appropriate tape drive device

Purging Asset History, FACPHR and FAGPH

To access the *Purge asset history* function, do the following:

1. From the Infinium FA main menu, select *Supervisor Functions*.
2. Select *Reorganize and Purge*.

3 Select *Purge asset history* [PURGEHIST].

The following figure shows the Purge Asset History screen.

```
APR/02/2009 09:32:53          Purge Asset History          FAGSF50    FADSF50


Company group . . . . . _____________________ +
Company . . . . . ___ +

From date . . . . . _________
To date . . . . . _________
Workstation ID  . . . . . _________
User ID . . . . . _________

Purge data segments    1=Yes, 0=No
 Base . . . . . 0  Corporate . . . . . 0
 Maintenance  . . . . . 0  User  . . . . . 0
 Retirement . . . . . 0  Construction in progress  . . . . . 0
 Tax  . . . . . 0  Insurance . . . . . 0

Purge history types    1=Yes, 0=No
 Modification . . . . . 0  Deletion  . . . . . 0
 Change to asset life . . . . . 0  Asset no. change  . . . . . 0
 Retirement . . . . . 0

F2=Function keys  F3=Exit  F4=Prompt  F10=QuikAccess  F13=Security
```

Figure 10-4: Purge Asset History screen

At this screen you can specify the following:

- Company or company group
- Date range
- Workstation and user identification
- Data segments for which to purge history data
- History types

The system uses the following programs to purge asset history:

- Purge History Records program, FACPHR
- Selective Purge of Asset History program, FAGPH

FACPHR does the following:

- Allocates the files with an exclusive lock (EXCL)
- Calls FAGPH to perform the actual purge based on the criteria that you type on the screen
- Reorganizes the files
- Deallocates the files

The system writes the purged records to temporary files in the Infinium FA database, not in QTEMP.

The *Purge asset history* function purges history records from the following asset segment files.

File	Description
FAPAB	Asset Root Master file
FAPAF	Asset Tax Book file
FAPAI	Asset Insurance file
FAPAK	Asset Corporate Book file
FAPAM	Asset Maintenance file
FAPAR	Asset Retirements file
FAPAU	Asset Master - User Data file
FAPAY	Asset Project Accounting Segment file

The *Purge asset history* function does not purge active records from these files.

Printing Purged Asset History, FAGPHL

You can run *Print purged asset history* to generate a report that lists the records purged during the *Purge asset history* function.

To access the *Print purged asset history* function, do the following:

1. From the Infinium FA main menu, select *Supervisor Functions*.
2. Select *Reorganize and Purge*.
3. Select *Print purged asset history* [PPAH].

To ensure that the system purges the correct data, you should run the *Print purged asset history* function before you run the *Copy purged history to tape* function.

The following figure shows the Print Purged Asset History screen.

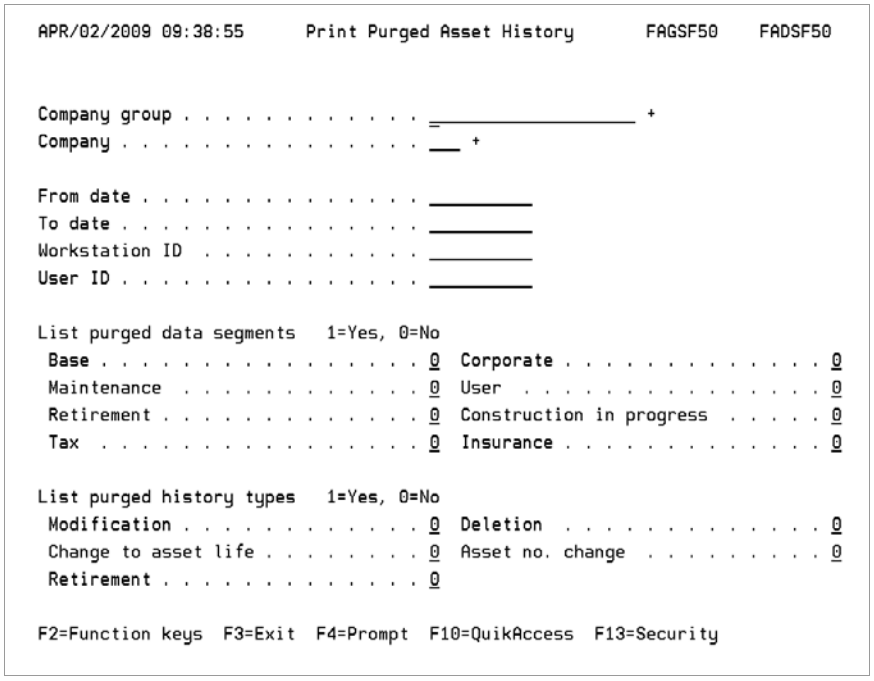


Figure 10-5: Print Purged Asset History screen

At the Print Purged Asset History screen you can specify a company or a company group and you can limit the data included on the report by completing any of the remaining fields.

You can leave this screen blank to print all purged asset history data.

The system uses the following programs to print purged asset history:

- Selective Purge of Asset History program, FAGPH
- Purged Records Listing program, FAGPHL

FAGPH writes the purged asset history data to work files. FAGPHL reads the work files to generate the report listing the purged asset history records.

Work files written by FAGPH	Files read by FAGPHL
FAPAB@	FAPAB@
FAPAF@	FALAF@J
FAPAI@	FALAI@J
FAPAK@	FALAK@J
FAPAM@	FALAM@J
FAPAR@	FALAR@J

Work files written by FAGPH	Files read by FAGPHL
FAPAU@	FALAU@J
FAPAY@	FALAY@J

Copying Purged History to Tape, FACPHT

This function copies to tape the asset history records deleted in the *Purge asset history* function.

To access the *Copy purged history to tape* function, do the following:

1. From the Infinium FA main menu, select *Supervisor Functions*.
2. Select *Reorganize and Purge*.
3. Select *Copy purged history to tape* [CPHTT].

The following figure shows the Copy Purged History to Tape screen.

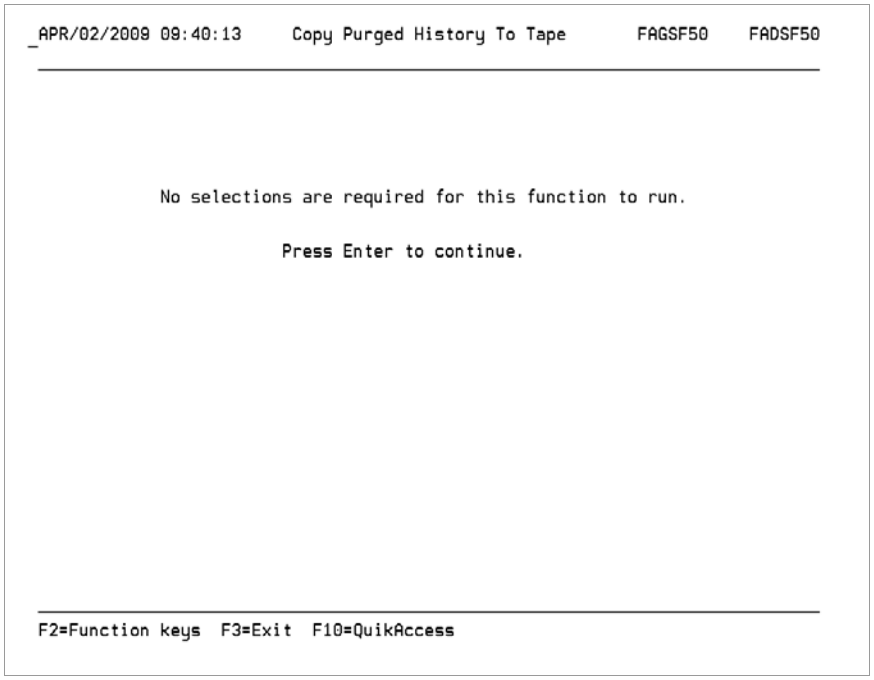


Figure 10-6: Copy Purged History to Tape screen

When you run the *Copy purged history to tape* function, the system looks for the appropriate tape drive device name, which is hard-coded as TAP01, in the data area, FATPDR. To use this function, do the following:

1. Type the Work with Data Area command, WRKDTAARA, to determine whether the area contains the proper device name for your site, as follows:

   WRKDTAARA FATPDR

2. Change the device name if necessary.

3. Run the *Copy purged history to tape* function.

   This job is held in the job queue until you release the job to the purge process. When you release the job, the system copies to tape the history data that you deleted through the *Purge asset history* function.

Purging miscellaneous files, FACMFP and FAGMFP

When you make selections to run certain Infinium FA functions, the system stores the information on the selection screen. When you select the same function, the system refreshes the screen with the values that you previously typed.

The *Purge miscellaneous files* function allows you to purge the files that store the information that you type on the selection screens. You can purge the following miscellaneous files.

File	Description
FAPPS	Period End Selections file
FAPAQ	Asset Inquiry Selections file
FAPLZ	Task Coupling file

WARNING! The system does not save the records purged from the miscellaneous files. You should create backup copies of these files before running the *Purge miscellaneous files* function.

We strongly recommend that you consider running this function as part of your period end closing process after you back up your database.

Caution: The *Purge miscellaneous files* function purges files that are used in period end processing. It is strongly recommended that you enter a *Purge through date* that is prior to the last date that you submitted a period end close.

Caution: Before executing this function, be certain that all other users who have the Infinium FA database library in their library list are signed off of the system. Do not cancel this job once it starts running.

To access the *Purge miscellaneous files* function, do the following:

1. From the Infinium FA main menu, select *Supervisor Functions*.
2. Select *Reorganize and Purge*.
3. Select *Purge miscellaneous files* [PURGEMF].

The following figure shows the Purge Miscellaneous Files screen.

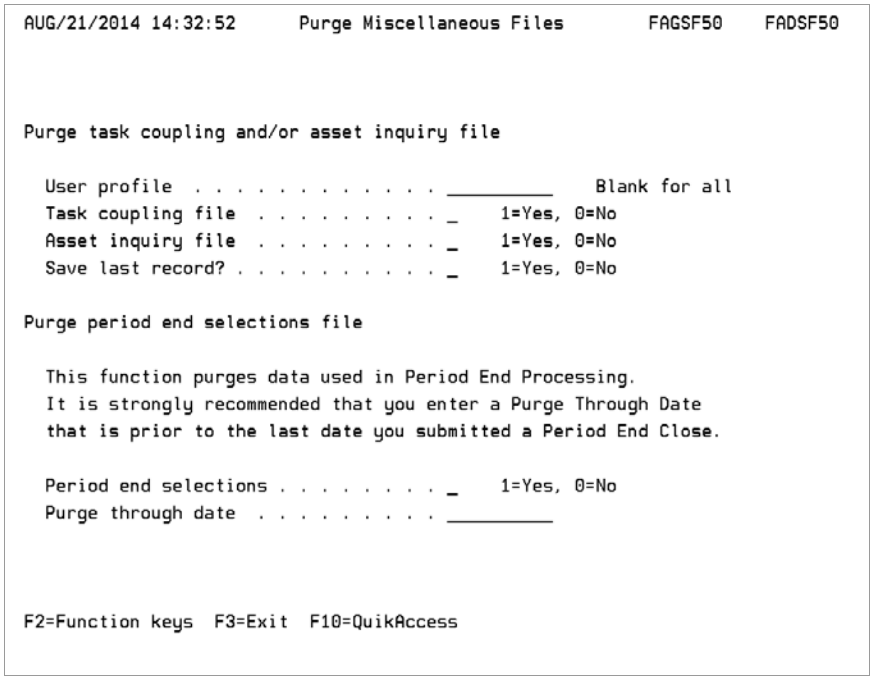


Figure 10-7: Purge Miscellaneous Files screen

Save last record?

Type **1** in this field to save the last record of information on the selection screen for each file type.

Note: The *Save last record?* field applies only to the *Task coupling file* and *Asset inquiry fil*e fields. It does not apply to the Period End Selections file. Instead, use the *Purge through date* field to limit the purging of information for the Period End Selections file.

Before you purge the Task Coupling file, FAPLZ, you should save the last record to retain the default prompts for this file.

The system uses the Purge Miscellaneous Files programs, FACMFP and FAGMFP, to perform this purge function. FACMFP does the following:

- Allocates the files with an exclusive lock (EXCL)
- Calls FAGMFP which performs the actual purge based on the criteria that you type on the screen
- Reorganizes the files
- Deallocates the files

Purging retired asset files, FACPRA and FAGPRA

The *Purge retired assets* function allows you to selectively delete assets that are fully retired from all books. The system deletes the entire asset, making it unavailable for auditing purposes. Therefore, you should run this function only if you are in critical need of more disk space.

If an asset is fully retired in the current year, the system does not delete it.

We strongly recommend that you do the following:

- Back up the database before you purge retired assets
- Run the function in trial mode before running in actual mode
- Never purge ADR asset retirements

Caution: Before executing this function, be certain that all other users who have the Infinium FA database library in their library list are signed off of the system. Do not cancel this job once it starts running.

When you purge retired asset data, you can use the following functions:

- The *Purge retired assets* function, which writes the purged data to a temporary file
- The *Print purged retired assets* function, which generates a report of the purged data
- The *Copy purged ret assets to tape* function, which saves the purged data to an appropriate tape drive device

Purging Retired Assets, FACPRA and FAGPRA

To access the Purge retired assets function, do the following:

1. From the Infinium FA main menu, select *Supervisor Functions*.
2. Select *Reorganize and Purge*.
3. Select *Purge retired assets* [PURGERETA].

The following figure shows the Purge Retired Assets screen.

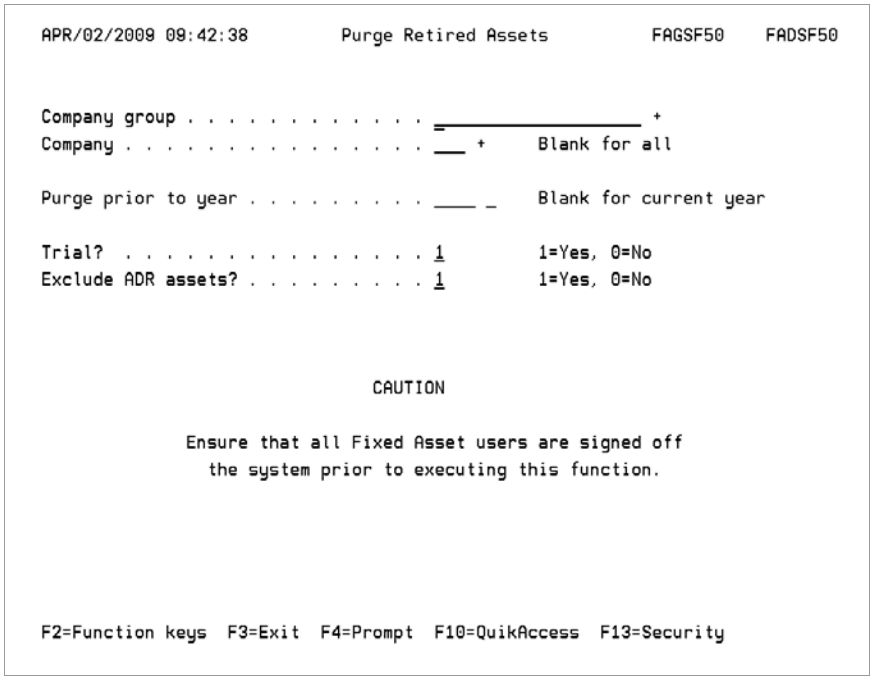


Figure 10-8: Purge Retired Assets screen

Trial?

You can run this function in trial mode or actual mode. Regardless of the mode you choose, the system prints a report.

If you type **1** in the *Trial* field, the report lists those retired assets eligible as well as those not eligible to be purged and the reasons why they will not be purged. For example, an asset is not eligible to be purged if it is retired from the corporate book but not retired from the tax book.

If you type **0** in the *Trial* field, the report lists those retired assets that have been purged and a summary of the number of purged data segments.

Purge prior to year

Before you run the *Purge retired assets* function, check that the records to be purged are fully retired on all books prior to the year designated in the *Purge prior to year* field. If this field is blank, the designated year is the current year.

Caution: We strongly recommend excluding ADR assets from the purge because the system purges all retired ADR assets even if the ADR vintage account is still open.

This function purges data from the following asset segment files:

File	Description
FAPAB	Asset Root Master file
FAPAF	Asset Tax Book file
FAPAI	Asset Insurance file
FAPAK	Asset Corporate Book file
FAPAM	Asset Maintenance file
FAPAR	Asset Retirements file
FAPAU	Asset Master - User Data file
FAPAY	Asset Project Accounting Segment file

The system uses the Purge Retired Assets Files programs, FACPRA and FAGPRA, to perform this purge function. FACPRA does the following:

- Allocates the files with an exclusive lock (EXCL)
- Ensures that all asset segments are in the same library as the Base segment
- Ensures that all purge segments are in the same library as the Base purge segment
- Ensures that the addition of a member is not restricted due to maximum member constraints by changing the **MAXMBRS** parameter to the **NOMAX** parameter
- Creates the member to hold retired asset purge information if this member does not already exist
- Calls FAGPRA which performs the actual purge based on the criteria that you type on the screen
- Reorganizes the files
- Deallocates the files

Printing Purged Retired Assets, FAGPRAL

You can run *Print purged retired assets* to generate a report that lists the records purged during the *Purge retired assets* function.

To access the *Print purged retired assets* function, do the following:

1 From the Infinium FA main menu, select *Supervisor Functions*.

2 Select *Reorganize and Purge*.

3 Select *Print purged retired assets* [PPRA].

To ensure that the system purges the correct data, you should run the *Print purged retired assets* function before you run the *Copy purged ret assets to tape* function.

The following figure shows the Print Purged Retired Assets screen.

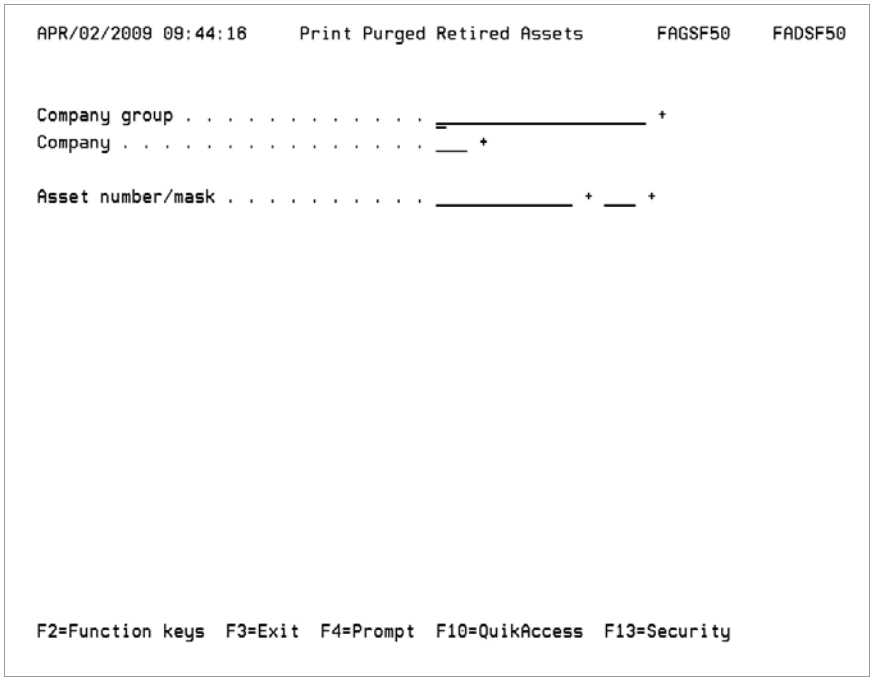


Figure 10-9: Print Purged Retired Assets screen

At the Print Purged Retired Assets screen you can specify a company or a company group and you can limit the data included on the report by typing an asset number or mask.

You can leave this screen blank to print all purged retired assets.

The system uses the following programs to print purged retired assets:

- Purge Retired Assets program, FAGPRA
- List Purged Retired Assets program, FAGPRAL

FAGPRA writes the purged retired asset data to work files. FAGPRAL reads the work files to generate the report listing the purged retired asset records.

Work files written by FAGPRA	Files read by FAGPRAL
FAPAB@	FALAB2
FAPAF@	
FAPAI@	
FAPAK@	
FAPAM@	
FAPAR@	FALAR4
FAPAU@	
FAPAX@	
FAPAY@	

Copying Purged Retired Assets to Tape FACPRETT

This function copies to tape the retired asset records deleted in the *Purge retired assets* function.

To access *the Copy purged ret assets to tape* function, do the following:

1. From the Infinium FA main menu, select *Supervisor Functions*.
2. Select *Reorganize and Purge*.
3. Select *Copy purged ret assets to tape* [CPRATT].

The following figure shows the Copy Purged Retired Assets to Tape screen.

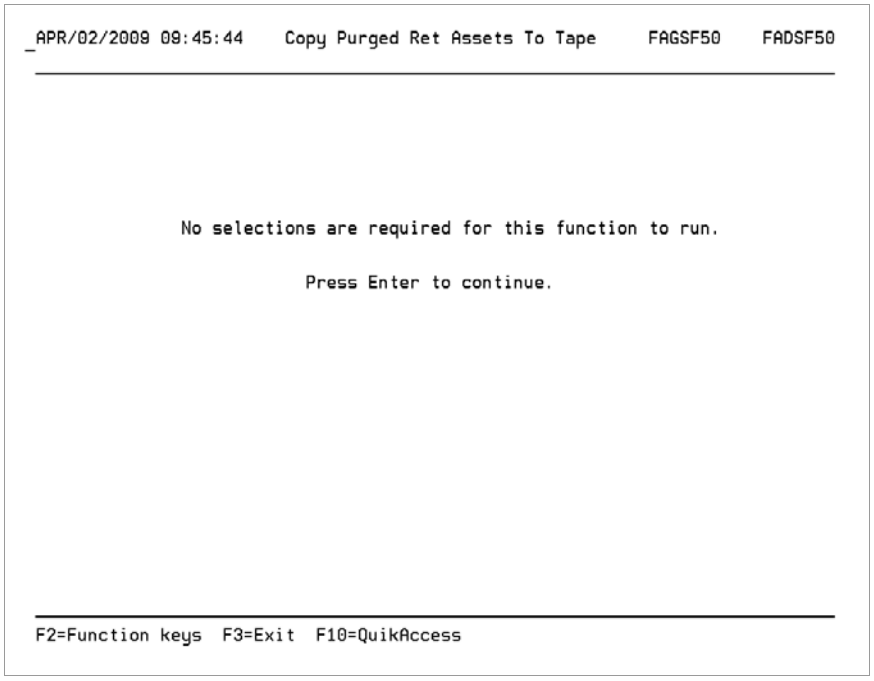


Figure 10-10: Copy Purged Retired Assets To Tape screen

When you run the *Copy purged ret assets to tape* function, the system looks for the appropriate tape drive device name, which is hard-coded as TAP01, in the FATPDR data area. To use this function, do the following:

1 Type the Work with Data Area command, WRKDTAARA, to determine whether the area contains the proper device name for your site, as follows:

WRKDTAARA FATPDR

2 Change the device name if necessary.

3 Run the *Copy purged ret assets to tape* function.

This job is held in the job queue until you release the job to the purge process. When you release the job, the system copies to tape the retired asset data that you deleted through the *Purge retired assets* function.

Reorganizing Infinium FA files, FACRGZ

You can use the *Reorganize FA files* function to reorganize and compress the Infinium FA database to enable the system to work more efficiently.

We recommend that you run this function as chapter of your period end closing process, before you back up your database.

Caution: Before executing this function, be certain all other users who have the Infinium FA database in their library list are signed off of the system. Do not cancel this job once it starts running.

The *Reorganize FA files* function reorganizes all physical files that have a system identifier of **FA**. To access this function, do the following:

1. From the Infinium FA main menu, select *Supervisor Functions*.
2. Select *Reorganize and Purge*.
3. Select *Reorganize FA files* [RFF].

The following figure shows the Reorganize FA Files screen.

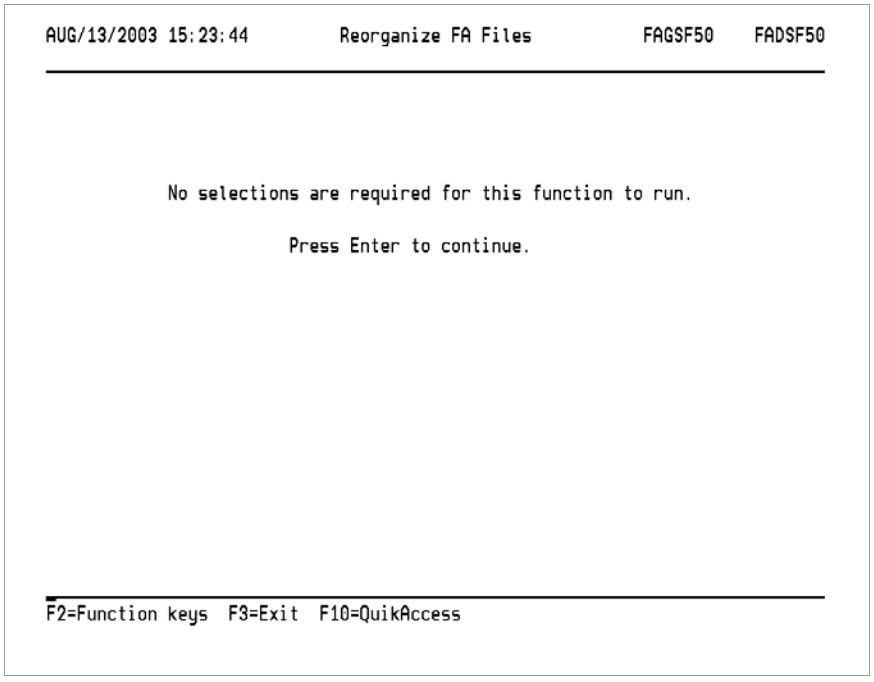


Figure 10-11: Reorganize FA Files screen

The Reorganize Physical Files Using Primary Logical program, FACRGZ, uses the Reorganize Physical File Member command, RGZPFM, to reorganize all physical files using the logical file definition, in which *XX* is the file extension.

RGZPFM FILE (*LIBL/FAPXX) KEYFILE (*LIBL/FALXX FALXX)

If no logical file definition exists, the system bases the reorganization on the physical file.

Appendix A Disk Space Requirements

A

This appendix provides information about the approximate amount of disk space that Infinium FA requires.

Because file size can vary depending on customer needs, the disk space requirements for Infinium FA can be only an approximate calculation.

You can use the following formulas to calculate the DASD storage requirements for:

- Asset Master
- Depreciation Books
- Depreciation Transaction History (detail and summary)
- Source and Object

You should include history records in the calculations.

$$\text{Total Assets} = \text{Current Assets} + \left(\text{New Assets per Year} * \text{Number of Years for Sizing Projection} \right)$$

A Asset Master

$$\text{DASD Required} = \left(\frac{\text{Total Assets}}{1000} \right) * 1.5\text{MB}$$

B Depreciation Books

$$\text{DASD Required} = \left(\frac{\text{Total Assets}}{1000} \right) * .25\text{MB} * \text{\# of Depreciation Books}$$

C Depreciation Transaction History (Detail and Summary)

$$\text{DASD Required} = \left(\frac{\text{Total Assets}}{1000} \right) * .12\text{MB} * \text{\# of Months of History}$$

D Source and Object

$$\text{DASD Required} = 70\text{MB}$$

Total Disk Space

$$\text{Total DASD} = A + B + C + D + \text{Platform Related Controls for FA}$$

Figure A-1: Infinium FA Disk Space Requirements

Appendix B Conversion Error Messages

B

This appendix provides information about conversion error messages. If your conversion process produces errors, you can use this information to help you interpret the messages that Infinium FA produces in the output listing of the *Run edit asset master file* function, FAGBNT.

You can run this function after converting data, using the following menu options:

1. From the Infinium FA main menu, select *System and Application Setup*.
2. Select *Conversion Controls.*
3. Select *Run edit asset master file* [REAMF].

The tables in this appendix list field names, error messages, and comments that can help you correct conversion errors. For example, if the error listed is, **No entity control found**, the accompanying comment guides you to a corrective action, as follows:

If the comment states...	The menu options you select are...
To proceed, you must create an entity control through the *Work with entity controls* option on the *Control File Maintenance/Entity Control Files* menus.	*Control File Maintenance* ▪ *Entity Control Files* ▪ *Work with entity controls*

General errors

General errors

Field name	Error message	Indicator	Comment
CFCO CFNAME *Company/Name*	Company number is invalid	81	The company identifier for this asset is invalid. You must establish a company control record for this company identifier. To create a company control, select the *Work with company controls* option on the *Control File Maintenance/Application Control Files* menus.
	Not authorized to access this company	82	Company group security exists for the user profile used when you ran the edit function. You selected all companies by leaving both the company and company group prompts blank. Your user profile is not authorized to access the data for the specified company. To modify company group security, select the *Work with user security* option on the *Supervisor Functions* menu.
	No entity control found		No entity control record exists in Infinium FA. To proceed, you must create an entity control through the *Work with entity controls* option on the *Control File Maintenance/Entity Control Files* menus.

Base segment errors

Base segment errors

Field name	Error message	Indicator	Comment
ABASSU *Asset Number*	Asset already exists	05	The system has already processed asset data for this company. You cannot use duplicate external asset numbers within the same company.
	Asset number contains mask character	03	The asset number contains the mask character, “*”. The system does not allow asset numbers containing this character.
ABASSC *Asset Number Component*	Component number contains mask character	04	The component portion of the asset number contains the mask character, “*”. The system does not allow component numbers containing this character.
ABDESC *Asset Description*	Description is blank	10	No description exists for this asset. The system requires an asset description.
ABSTAT *Asset Status*	Status not **A**, **I**, or **N**	09	The asset status is not one of the values that the system allows. The system requires one of the following asset status values: ▪ **A** Active ▪ **I** Inactive ▪ **N** Non-depreciable
	Status is blank, **A** assumed	13	The asset status is blank. The system assumes the status is **A** (Active).

Base segment errors

Field name	Error message	Indicator	Comment
ABALCN/ LOLOC *Accounting Location*	Accounting location not found	07	The internal accounting location number for this asset does not exist in the accounting locations file, FAPLO, for one of the following reasons: ▪ You typed an invalid value. ▪ You did not type a value. The systems require a value in this field.
	Company of accounting location not same as company of asset	14	The accounting location company does not match the asset company. The first component of the accounting location must be the company designator.
	Accounting location not active	15	The accounting location specified is not active (LOACTV = **0**). You can add assets only to active accounting locations.
	Accounting location non-posting	16	The accounting location does not close to the general ledger, although you specified on the entity and company controls that the company interfaces to a general ledger system. ▪ You can associate assets only with accounting locations that close to the general ledger. ▪ You have specified, through the entity and company controls, that this company is interfacing to a general ledger system. Assets must therefore be associated with accounting locations that close to the general ledger. This accounting location does not close to the general ledger.
	Accounting location not valid	17	
	Accounting location blank	02	An accounting location is required for all assets.
ABPLCN/ PLLOC *Physical Location*	Physical location not found	06	The internal physical location number for this asset does not exist on the physical locations file, FAPPO. The system does not require a value in this field.

Base segment errors

Field name	Error message	Indicator	Comment
ABQUAN *Quantity*	Quantity was zero, **1** assumed	11	The quantity must be greater than **0**.
ABACQ *Acquisition Code*	Acquisition code invalid	12	The acquisition code does not exist on the code values file for code type **ACQ**. You can do one of the following: ▪ Correct the value. ▪ Type this code value in the code values table through the *Work with code values* function on the *Control File Maintenance/Application Control Files* menus.

User segment errors

User segment errors

Field name	Error message	Indicator	Comment
Not Applicable	User segment required but no user segment exists for this asset	01	The company control for this company indicates that the user segment is a required segment, but no user segment data exists for this asset.
AUUN01 through AUUN20 *User Alphanumeric Fields*	User field blank or invalid	*INZ(05-24)	The system indicates that this user-defined field value does not exist or is not valid on the Entity Control file, FAPEC, for one of the following reasons: ▪ The field is blank and the system requires a value. ▪ The value does not exist on the Code Values file, FAPCV, for this code type, **U01** - **U20**.
AUDE01 through AUDE03 *User Date Fields*	Date invalid	02-04	The date in this user-defined date field is not valid for either of the following reasons: ▪ The date is not a valid date. ▪ The date format does not match the date format in the Entity Control file, FAPEC.

Corporate book segment errors

Corporate book segment errors

Field name	Error message	Indicator	Comment
Not Applicable	Corporate book segment required but no corporate book segment exists for this asset	01	The company control for this company indicates that the corporate book segment is a required segment, but no corporate book segment data exists for this asset.
AKISTE *Installation Date*	Date invalid	02	The installation date is not valid for either of the following reasons: ▪ The date is not a valid date. ▪ The date format does not match the date format in the Entity Control file, FAPEC.
	No corporate book found for this installation date	03	A corporate book control must exist for all periods of time in which assets are installed.
	Date blank	09	The system requires a valid date.
	Installation date later than earliest retirement date	19	The earliest retirement date, AKERTH, for this record must be greater than or equal to the installation date, AKISTE.
AKDTAB D1DSC *Depreciation Table*	Depreciation table does not exist	13	This depreciation table does not exist on the depreciation table file.

Corporate book segment errors

Field name	Error message	Indicator	Comment
AKDTAB D1DSC *Depreciation Table* (continued)	Depreciation table not remaining life table	28	This depreciation table is not a remaining life/remaining basis table, such as, RSTL, but the following exists: ▪ Data in the last year and period depreciated fields ▪ Depreciation figures To retain depreciation figures that were calculated on your old system for the assets that you are converting, you must use remaining life tables.
	Depreciation table not valid for accounting periods on corporate control	15	The number of accounting periods in this depreciation table is different from the number on the corporate book control, either 12 or 13, covering the period that includes the installation date for this asset. Both these numbers must agree.
AKLIFE *Asset Life*	Asset life does not match table life	14	This depreciation table covers a period of time that is different from the period of time for the asset life. Both these periods must agree.
	Number of months in life invalid	04	The number of months (periods) in the life is equal to or greater than the number of periods on the corporate book control, either 12 or 13.
	Asset life is blank	10	The system requires an asset life value.
	Asset life less than minimum asset life on corporate book control	11	The asset life must be greater than or equal to the minimum asset life on the corporate book control.
	Asset life greater than maximum asset life on corporate book control	12	The asset life must be less than or equal to the maximum asset life entered on the corporate book control.
AKPRO *Prorate Code*	Prorate code invalid	18	The prorate code is not one of the values that the system allows. To display a list of allowed values, you can use code type **PRT** in the *Display code values* option on the *Control File Display* and the *Print/Display Application Control File* menus.

Corporate book segment errors

Field name	Error message	Indicator	Comment
AKSALV *Salvage Value*	Salvage value must be less than cost basis	07	Correct the salvage amount or cost basis amount.
	Salvage value and salvage % do not agree	08	Both a salvage value and a salvage percentage exist, but the *Salvage Value* calculated using the salvage percentage is different from the salvage value. To correct the *Salvage Value*, type either the salvage value or the salvage percentage; the system will calculate the other.
AKARES *Accumulated Reserve*	Depreciation greater than cost basis	20	Correct the accumulated reserve or cost basis amount.
	Depreciation greater than depreciable basis	31	The depreciation cannot exceed the asset's depreciable basis.
AKDYTD *Year to Date Depreciation*	Depreciation greater than cost basis	21	Correct the year-to-date depreciation or cost basis amount.
AKCUR *Current Depreciation*	Depreciation greater than cost basis	22	Correct the current depreciation or cost basis amount.
AKDALL AHDESC *Depreciation Allocation Depreciation Description*	Allocation table does not exist	16	A name exists for the depreciation expense allocation table, but the table is not on the system. You can create depreciation expense allocation tables through the *Work with depreciation allocation* function on the *Control File Maintenance* and the *Application Control Files* menus.

Corporate book segment errors

Field name	Error message	Indicator	Comment
AKGLOV *Close to GL*	Close to GL not **0** or **1**	06	Valid values are either of the following: ▪ A value of **1** allows the system to create journals for this asset that are to be posted to the general ledger. ▪ A value of **0** does not allow the system to create journals for this asset.
AKLDYR AKLDMO *Last Period Depreciated*	Depreciation figures typed, but last depreciation period not typed	23	If you are providing depreciation figures from your existing fixed assets system, you must also type a last year and period depreciated.
	Last depreciation period invalid	24 or 25	The last period depreciated value must be one of the following: ▪ **1** to **12** (for 12-period accounting) ▪ **1** to **13** (for 13-period accounting)
	Last period depreciated earlier than installation date	26	The year and period for the last depreciation are earlier than the year and period corresponding to the installation date.
	Last period depreciated later than end of useful life	27	This asset is not fully depreciated, but the last year and period depreciated is later than the end of the useful life for the asset (installation date + asset life).
	Last period depreciated valid only if accumulated reserve typed	29	If you are providing depreciation figures from your existing fixed assets system, you must also type the last year and period depreciated.
AKLDYR AKLDMO *Last Period Depreciated*	Last period depreciated greater than last period for short year	32	If you have a short year, check the book control for that year/short year. Ensure that the period entered does not exceed the number of periods for the specified year/short year.
AKIYR *Installation Year*	No book control exist for year	33	There is no book control established for the installation year of this asset. A book control must exist for each year in which an asset is installed.

Tax book segment errors

Tax book segment errors

Field name	Error message	Indicator	Comment
Not Applicable	Tax book segment required but no tax book segment found	01	The company control for this company indicates that a tax book segment is a required segment, but no tax book segment data exists for this asset.
AFBOOK TBDESC *Tax Book*	No tax book found for this installation date	04	A tax book control must exist for all periods of time in which assets are installed.
AFISTE *Installation Date*	Installation date later than earliest retirement date	03	The earliest retirement date, AFERTH, for this record must be greater than or equal to the installation date.
	Installation date invalid	05	The installation date is not valid for either of the following reasons: ▪ The date is not a valid date. ▪ The date format does not match the date format in the Entity Control file, FAPEC.
AFDTAB D1DSC *Depreciation Table*	Depreciation table incorrect	24	This depreciation table does not exist on the depreciation table file or if this is an ADR or CON asset, the system does not allow this depreciation table for either of these types of assets.
	Depreciation table incorrect. Table entered was **xxxxxxxxxx**	24,91	This is an ACRS asset and this depreciation table is not correct. The system determines the correct depreciation table and replaces the incorrect table.

AFDTAB D1DSC *Depreciation Table* (continued)	Depreciation table not valid for accounting periods on tax book control	26	The number of accounting periods in this depreciation table is different from the number on the corporate book control, either 12 or 13, covering the period that includes the installation date for this asset. Both of these numbers must agree.
	Regulation incompatible with units of production table	27	This depreciation table is a units of production table, but the regulation specified is not UPR.
	Depreciation table not units of production table	28	The regulation for this asset is UPR; but this depreciation table is not a UPR table.
	Depreciation table not remaining life table	48	This depreciation table is not a remaining life/remaining basis table, such as, RSTL, but the following exists: ▪ Data in the last year and period depreciated fields ▪ Depreciation figures To retain depreciation figures calculated on your old system for the assets that you are converting, you must use remaining life tables.
	Depreciation method not valid for ADR or CLS asset	76	Not all depreciation methods are valid for ADR and CLS life assets. Review the assigned method of depreciation with your Infinium Professional Services Representative or your tax department.
AFLDMO *Last Period Depreciated*	Last depreciation period invalid	44	The last period entered is not a valid period on your book controls for that year/period and short year.
AFLIFE *Asset Life*	Asset life does not match table life	25	This depreciation table covers a period of time that is different from the period of time for the asset life. Both these periods must agree.
	Invalid number of months in table life	29	The number of months (periods) in the life is equal to or greater than the number of periods on the corporate book control, either 12 or 13.

Tax book segment errors

Field name	Error message	Indicator	Comment
AFLIFE *Asset Life* (continued)	Asset life invalid for this ACRS class	30	This asset life value does not agree with the requirements for this ACRS class.
	Asset life invalid for guideline class	31	This asset life value does not agree with the range that the system allows for this guideline class.
	Number of months in asset life must be **0** or **6**	32	ADR assets must have lives which are multiples of 6 months. For example, the system allows an ADR asset to have 5 years 6 months, but not 5 years 5 months.
	Asset life is blank	33	The system requires an asset life value.
	Asset life is less than minimum asset life on tax book control	38	The asset life must be greater than or equal to the minimum asset life on the tax book control.
	Asset life is greater than maximum asset life on tax book control	39	The asset life must be less than or equal to the maximum asset life entered on the corporate book control.
	Asset life entered incorrect. Typed value was **xxxx**	58	This value does not does not agree with the requirements for this ACRS MACRS or ADR asset. The system determines and replaces this asset life value.
AFPRO *Prorate Code*	Prorate code invalid	17	The prorate code is not one of the values that the system allows. To display a list of allowed values, you can use code type **PRT** in the *Display code values* option on the *Control File Display* and the *Print/Display Application Control File* menus.
AFSALV *Salvage Value*	Salvage value must be less than cost basis	08	Correct the salvage or cost basis amount.

Tax book segment errors

Field name	Error message	Indicator	Comment
AFSALV *Salvage Value* (continued)	Salvage value and salvage % do not agree	09	Both a salvage value and a salvage percentage exist, but the *Salvage Value* calculated using the salvage percentage is different from the salvage value. To correct the *Salvage Value*, type either the salvage value or the salvage percentage; the system will calculate the other.
AFARES *Accumulated Reserve*	Depreciation greater than cost basis	43	Correct the accumulated reserve or cost basis amount.
AFSDP2 *Depreciation* 1970 -1975	Depreciation for period 1970 to 1975 required for remaining life asset	63	The system displays this error message only for Section 1250 property installed before 1/01/1976. In order to properly determine the gain or loss on the eventual disposition of this asset, the system requires the depreciation for this asset over the period of time specified.
AFSDP3 *Depreciation* After 1975	Historical depreciation figures exceed cost basis or accumulated reserve	73	Correct the historical reserve, cost basis, or accumulated reserve amount.
	Depreciation for period 1976 to present required for remaining life asset	50	In order to properly determine the gain or loss on the eventual disposition of this asset, the system requires the depreciation for this asset over the period of time specified.
AFSECP *Property Type*	Property type must be **4** or **5**	06	Type **4** for personal property or type **5** for real property.
AFNEWU *New or Used*	New/used code must be **N** of **U**	02	Type **N** for new or type **U** for used.
AFMASS ACRS *Mass Asset Account*	Mass asset Code must be **0** or **1**	10	Type **1** for a Mass Asset Account or type **0** for a non-Mass Asset Account.

Tax book segment errors

Field name	Error message	Indicator	Comment
AFTRAN *Transitional Rule*	Transitional rule not **0** or **1**	53	Type **1** if the asset falls under any ACRS or MACRS Transitional Rules; if not, type **0**.
AFMOD *Modified ACRS Election*	Modified ACRS rule not **0** or **1**	62	Type **1** if MACRS rules are elected for the asset or type **0** if not.
	Modified ACRS Rule may not be elected for this install date	64	The election to apply the modified ACRS rules can be made only for assets installed between August 1, 1987 and December 31, 1987 inclusive.
AFFORP *Foreign Property*	Foreign property not **0** or **1**	50	Enter **1** if this is property held predominately outside the United States. Enter **0** if this is property held predominately inside the United States.
AFSTLR *Straight Line* Required	Straight line requires not **0** or **1**	51	Enter **1** if straight-line is required for this asset. Enter **0** if straight-line is not required for this asset.
AFGUID *Tax Regulation*	Regulation invalid	12	This tax regulation is not one of the values that the system allows. To display a list of allowed values, you can use code type REG in the Display code values option on the *Control File Display* and the *Print* and the *Display Application Control File* menus.
	No depreciation figures (amounts or last period) may be input for ACRS assets	49	The system performs all ACRS calculations as life to date. The first time that Infinium FA calculates depreciation after you convert your data, the system overwrites any figures converted in this field. To keep these figures, you can move them to the fields, AFCAR, AFCYTD, or AFCTAB. **Note:** For more information on converting your data, refer to the “Conversion Issues” chapter earlier in this guide.

AFGUID *Tax Regulation* (continued)	Depreciation Regulation invalid for installation date	13	This tax regulation is not valid for the installation date specified. The system allows the following dates: ▪ ACR from January 1, 1981 to present ▪ ADR from January 1, 1971 to December 31 1980, unless you set the anti-churning flag on the tax book control ▪ CON until December 31, 1980, unless you set the anti-churning flag on the tax book control ▪ CLS until December 31, 1970 only
AFACLA *ACRS Class*	ACRS class invalid for passenger automobile	14	ACRS assets that are passenger automobiles must be in one of the following: ▪ ACRS class 03 ▪ MACRS class 05
	ACRS class invalid for section 1245 property	15	This ACRS class for section 1245 is not valid for one of the following reasons: ▪ ACRS asset that is in class 15, 18, or 19 ▪ MACRS asset that is in class 27, 31, or 39
	ACRS class invalid for section 1250 property	16	This ACRS class for section 1250 is not valid because this ACRS asset is in a class other than 15, 18, 19, 27, 31, or 39.
	ACRS class must not be blank	19	Type a valid ACRS class code value.
	ACRS class code invalid	20	This ACRS class code is not valid for one of the following reasons: ▪ ACRS asset is in a class other than 03, 05, 10, 15, 18, or 19 ▪ MACRS asset is in a class other than 03, 05, 07, 10, 15, 20, 27, 31, or 39

Field name	Error message	Indicator	Comment
AFACLA *ACRS Class* (continued)	ACRS class code invalid for installation date	21	This ACRS class code is not valid for the installation date specified. If transitional rules apply, set the transitional rule flag accordingly. Most transitional rules have installation date limits. For example, transitional rules for class 15 or 18 state that the asset must be installed before January 1, 1987.
	Guideline class invalid for this ACRS class type	75	1245/1250 property must be compatible with the ACRS class and guideline class.
	Combination of ACRS class and guideline invalid	65	This MACRS asset specifies a guideline class which has a midpoint life outside the range that the system allows for this class. See regulations for the ranges.
	ACRS class 20 not valid for section 1250 property in this guideline class	66	This MACRS asset specifies a guideline class which has a midpoint life outside the range that the system allows for ACRS class 20, for example, 25 years or more.
	ACRS class 31 not valid for section 1250 property in this guideline class	67	Type another valid ACRS class or guideline class.
AFCLS *Guideline Class*	Guideline class invalid	18	This guideline class is not valid for one of the following reasons: ▪ The class does not exist. ▪ The class expired before the installation date specified. ▪ The class came into effect after the installation date specified.
	Transition rules invalid for this installation date and guideline class	68	You specified that transitional rules apply for this MACRS asset, but the installation date is beyond the limit allowed by the transitional rules for assets with this class.
	Guideline class invalid for passenger automobile	69	The guideline class for automobiles must be .22.

Tax book segment errors

Field name	Error message	Indicator	Comment
AFLDYR AFLDMO *Last Period Depreciated*	Depreciation figures entered but last depreciation period not entered.	71	If you are providing depreciation figures from your existing fixed assets system, you must also type a last year and period depreciated.
	Last depreciation period invalid	72	The last period depreciated must be one of the following: ▪ 1 to 12 (for 12 period accounting) ▪ 1 to 13 (for 13 period accounting)
	Last period depreciated earlier than installation date	45	The year and period entered for last depreciation is earlier than the year and period corresponding to the installation date.
	Last period depreciated later than end of useful life	46	This asset is not fully depreciated, but the last year and period depreciated is later than the end of the useful life for the asset (installation date + asset life).
	Last period depreciated valid only if accumulated reserve entered	47	If you are providing depreciation figures from your existing fixed assets system, you must also type a last year and period depreciated.
AFLOWI *Low Income Housing*	Low income housing not **0** or **1**	55	Enter **1** if this is low income housing property. Enter **0** if this is not low income housing property.
	Low income housing can be **1** only for domestic section 1250 property	56	If the low income housing property indicator is set to **1**, the 1245/1250 indicator must be set to **0**.
	Low income housing can be **1** (yes) only for class 15 or 27 property	57	If the low income housing property indicator is set to **1**, the ACRS class must be set to **15** or **27**.
AFSLVG *Salvage Reduction*	Salvage reduction not **0** or **1**	11	This is not an ACRS or MACRS asset; therefore, you must type a value of **1** to ignore salvage up to 10% of the cost basis or **0** to include salvage in determining the limit on depreciation.
AFLIST *Listed Property*	Listed property not **0** or **1**	51	Type **1** if this is a listed property; if not, type **0**.

Tax book segment errors

Field name	Error message	Indicator	Comment
AFLIST *Listed Property* (continued)	Listed property **1** (Yes) but no business % entered	22	For listed property, you must specify the percentage of business use, even if 100%
	Listed property **0** (No) but business % entered	23	For non-listed property, the percentage of business use must be **0**.
AFAUTO *Auto limits*	Auto not **0** or **1**	52	Type **1** if this is an auto and automobile depreciation limits apply; if not, type **0**.
AFANTI *Anti-churning*	Last year/period depreciated must be entered for anti-churning property	54	If the anti-churning indicator on the asset is set to **1**, the last year and period must be set to a valid year, period and short year.
	Anti-churning not **0** or **1**	52	Enter **1** if this is an anti-churning asset. Enter **0** if this is not an anti-churning asset.
	Anti-churning can be **1** only for ACRS property	53	If the regulation code is other than **ACR**, the anti-churning flag must be set to **0**.
AFSTLE *Straight Line Election*	STL election not **0** or **1**	55	Type **1** if this is ACRS real property using straight line depreciation or type **0** if using a non-straight line method.
	STL election must be **0** for listed property not used predominantly	56	The straight line election cannot be specified for ACRS real property that is used 50% or less for business purposes.
	STL election not same as elected on Tax Book control	57	The tax book control for the period of the installation date of this ACRS or MACRS asset shows that the straight line election for this class is different from the straight line election specified. The straight line election applies to all assets in a given class installed in a given year.

Tax book segment errors

Field name	Error message	Indicator	Comment
AFITC$ *ITC Amount*	ITC amount entered causes ITC taken to exceed used ITC limit	34	A limit exists on the total cost basis of used ITC property for which ITC can be claimed (see Tax Book Control). The cost basis of this used property when taken together with the cost basis of other used ITC property installed in this year, which has already been processed, causes this limit to be exceeded.
	ITC not allowed for property not used predominantly outside US	07	An ITC amount can not be entered if the foreign property indicator is set to **1**.
	ITC not allowed for listed property not used predominantly	59	The system does not allow ITC for listed property that is used 50% or less for business purposes.
	ITC amount entered exceeds amount allowable for passenger automobile	40	Regulations prescribe limits for the amount of ITC that can be claimed for automobiles installed after June 18, 1984. This ITC amount exceeds that limit.
	ITC amount entered exceeds amount allowable	41	Regulations prescribe limits for the amount of ITC that can be claimed for assets, for example, 6% of cost basis for ACRS assets in class 03. This ITC amount exceeds that limit.
	ITC not allowed for this installation date	70	In general ITC expired on December 31, 1985. Transitional rules apply after that but limitations exist depending on the life of the asset and the installation date. For example, assets with a midpoint class life of 5 years or less must be installed by July 1, 1986.
AFBEXP *Section 179 Expense*	Expense entered causes expense taken to exceed expense limit	35	A limit exists on the total amount of depreciable property which can be expensed under Section 179 in a given year (see Tax Book Control). This Section 179 expense, when taken together with the expense specified for other assets installed in this year, which have already been processed, causes this limit to be exceeded.
	Section 179 expense exceeds cost basis	36	Correct the 179 expense or the cost basis amount.

Field name	Error message	Indicator	Comment
AFBEXP *Section 179 Expense* (continued)	Section 179 expense not allowed for listed property not used predominantly	60	The system does not allow Section 179 expense for listed property which is used 50% or less for business purposes.
	Depreciation entered exceeds amount allowable for passenger automobile	37	Regulations prescribe limits for the amount of depreciation that can be claimed for automobiles installed after June 18, 1984. Section 179 expense is considered to be depreciation for this purpose. This Section 179 amount exceeds that limit.
	Section 179 expense not allowed for assets installed before 1 Jan. 1982	42	Verify that the installation date is correct and that this expense is a Section 179 expense.
AFITCR *ITC Rate Reduction*	Rate reduction not **0** or **1**	54	If this asset was installed after 1/1/83, do one of the following: ▪ Type **1** to reduce the ITC percentage. ▪ Type **0** to reduce the cost basis by the ITC.
	Rate reduction must be **0** for listed property not used predominantly	61	The system does not allow the election to reduce the ITC percentage for listed property which is used 50% or less for business purposes, because ITC is not allowed for such property.
AFIND *Indian Reservation property?*	Indian Reservation property not **0** or **1**	60	Type 1 if this is Indian Reservation property; otherwise type 0.
	STL election not allowed for Indian Reservation property	61	Straight line election cannot be applied for Indian Reservation property.
	Installation date invalid for Indian Reservation property	62	

Tax book segment errors

Field name	Error message	Indicator	Comment
AFIND I*ndian Reservation property?* (continued)	MACRS class 27 not valid for Indian Reservation property	63	
	Indian Reservation property not valid with AMT, STL, or ADS election at tax book	65	
	Indian Reservation property not valid with salvage percent	58	
	Indian Reservation property not valid with transitional rule	60	
	Indian Reservation property not valid with farming business	61	
	Indian Reservation property not valid with low income housing	62	
	Indian Reservation property not valid with foreign property	63	
	Class life not valid with Indian Reservation property	68	ACRS class 19 and 31 are not valid with Indian Reservation property.
AFDINT *Depreciable intangible software*	Depreciable/intangible Software flag must be **0** or **1**	64	Type **1** if this asset is depreciable/intangible software; otherwise, type **0**.

Tax book segment errors

Field name	Error message	Indicator	Comment
AFLSHD *Leasehold improvement*	Leasehold improvement flag must be **0** or **1**	51	Type **1** if this asset is a leasehold improvement real property; otherwise, type **0**.
	Leasehold improvement flag is valid only for real property	57	
AFLZPR *Liberty Zone property*	Liberty zone property flag must be **0** or **1**	52	Type **1** if this asset is in the New York liberty zone; otherwise, type **0**.
	Liberty zone property flag cannot be set to **1** unless it is also set to **1** in the tax book controls	58	The *Liberty Zone property?* field in the tax book controls must be set to **1** to enter liberty zone assets.
AFRCON *Replace condemned*	Replace condemned flag must be **0** or **1**	53	Type **1** if this asset is in the NY liberty zone and replaces real property condemned or destroyed; otherwise, type **0**.
	Replace condemned flag is valid only for real property in the liberty zone	59	
	Replace condemned flag and leasehold improvement flag are mutually exclusive	60	

Tax book segment errors

Field name	Error message	Indicator	Comment
AFEOBD *Elect out bonus?*	Elect out of bonus depreciation flag must be **0**, **1,** or **2**	54	Type **0** to not elect out of bonus depreciation. Bonus depreciation will automatically be calculated at either the 30% or 50% rate depending on the installation date. Type **1** to elect out of bonus depreciation. Bonus depreciation will not be calculated for this asset. Type **2** if the asset has an installation date after May 5, 2003 but is not eligible for the 50% bonus depreciation because a binding contract was in place before May 6, 2003. The asset is eligible for the 30% bonus depreciation.
AFGZPR *Gulf Zone Property*	Gulf Zone property flag is invalid. Valid entries are **0** or **1**	51	Type **1** if this asset is Gulf Zone property; otherwise, type **0**.
	Liberty Zone property flag and Gulf Zone property flag cannot both be **1**	52	An asset cannot qualify for Liberty Zone bonus and Gulf Zone bonus. If this is Gulf Zone property, make sure that the value in the Liberty Zone Property field is **0**.
	Gulf Zone property flag allowed only with MACRS or INT regulation	54	The Tax regulation field value must be **ACR** or **INT** for the property to be eligible for the Gulf Zone bonus.
	Gulf bonus depreciation flags valid only for assets installed between 08/28/05 - 12/31/07	56	Section 1245 property installed after 12/31/2007 cannot be designated as Gulf Zone property. Check your entry in the 1245/1250 Property? field.
	Gulf bonus depreciation flags valid only for assets installed between 08/28/05 - 12/31/10	59	Section 1250 property installed after the expiration date cannot be designated as Gulf Zone property. Check your entry in the 1245/1250 Property? field.
	Gulf Zone flag on asset is **1** but Gulf Zone flag on Tax Book Control is **0**.	57	The Gulf Zone property? field in the tax book controls must be set to **1** to enter Gulf Zone assets.

Tax book segment errors

Field name	Error message	Indicator	Comment
AFEOGD *Gulf Zone Elect Out Bonus*	Elect out Gulf bonus flag is invalid. Valid values are **0** or **1**	53	Type **0** to not elect out of the special depreciation allowance due to the Gulf Zone Act of 2005 for Gulf Zone property. Type **1** to elect out of the special depreciation allowance.
	Elect out Gulf bonus is only allowed for MACRS and INT regulation	55	The Tax regulation field value must be **ACR** or **INT** for the property to be eligible for the Gulf Zone bonus.

Maintenance segment errors

Maintenance segment errors

Field name	Error message	Indicator	Comment
Not Applicable	Maintenance segment required but no maintenance segment exists for asset	01	The company control for this company indicates that the maintenance segment is a required segment, but no maintenance segment data exists for this asset.
AMLIFE *Maintenance Life*	Number of months invalid	02	The number of months (periods) in the life is equal to or greater than the number of periods on the corporate book control, either 12 or 13.
AMMEXE *Maintenance Expiration Date*	Maintenance expiration date invalid	04	The maintenance expiration date is not valid for either of the following reasons: ▪ The date is not a valid date. ▪ The date format does not match the date format in the Entity Control file, FAPEC.
AMMDTE *Date of Last Maintenance*	Last maintenance date invalid	06	The last maintenance date is not valid for either of the following reasons: ▪ The date is not a valid date. ▪ The date format does not match the date format in the Entity Control file, FAPEC.

Insurance segment errors

Insurance segment errors

Field name	Error message	Indicator	Comment
Not Applicable	Insurance segment required but no insurance segment exists for asset	01	The company control for this company indicates that the insurance segment is a required segment, but no insurance segment data exists for this asset.
AIINSC *Insurance Class*	Insurance class invalid	03	This insurance class code is not valid. You can display a list of valid code types by typing **INS** in the Display code values function of the *Control File Display* and the *Print/Display Application Control File* menus.
AIINSY *Insurance Year*	Insurance year invalid	04	This insurance year is not valid. You can display a list of valid code types by typing **AYR** in the Display code values function of the *Control File Display* and the *Print/Display Application Control File* menus.
AIINSL *Insurance Life*	Wrong number of months in insurance life	02	The number of months (periods) in the life is equal to or greater than the number of periods on the corporate book control, either 12 or 13.
	Insurance life blank	05	The system requires a life value.

Project accounting segment errors

Project accounting segment errors

Field name	Error message	Indicator	Comment
Not Applicable	Project accounting segment required but no project accounting segment exists for asset	01	The company control for this company indicates that the project accounting segment is a required segment, but no project accounting segment data exists for this asset.
AYCPSE *Start Date*	Start Date Invalid	02	The start date is not valid for either of the following reasons: ▪ The date is not a valid date. ▪ The date format does not match the date format in the Entity Control file, FAPEC.
AYCPEE *Completed Date*	End Date Invalid	03	The end date is not valid for either of the following reasons: ▪ The date is not a valid date. ▪ The date format does not match the date format in the Entity Control file, FAPEC.

Retirements segment errors

Retirements segment errors

Field name	Error message	Indicator	Comment
ARRETE *Retirement Date Edited*	Retirement date invalid	45	The retirement date is not valid for either of the following reasons: ▪ The date is not a valid date. ▪ The date format does not match the date format in the Entity Control file, FAPEC.
	Retirement date earlier than installation	50	The retirement date must be greater than or equal to the installation date on the corresponding corporate book or tax book control.
ARRET *Retirement Code*	Retirement code invalid	44	This retirement code is not valid. You can display a list of valid code types by typing RET in the *Display code values* function of the *Control File Display* and the *Print/Display Application Control File* menus.
ARQUAN *Retirement Quantity*	Retirement quantity zero	48	The system requires at least a value of **1** for the retirement quantity.
	Retirement quantity exceeds original quantity	49	The retirement quantity must be less than or equal to the quantity specified on the base segment.
ARCOST *Cost Basis*	Retirement Cost is zero	46	Type the cost basis of the asset for this retirement.
	Total Retirement cost exceeds cost basis for this asset	47	The retirement cost is greater than the cost basis specified on the corporate book or tax book control.

Notes

Appendix C Field-by-Field Conversion Data

C

This appendix contains information about the field attributes that the system requires when you convert your existing fixed assets data to Infinium FA.

The appendix consists of the following topics:

Code Values file, FAPCV

FAPCV
Code Values file

Field name	Field description	Type	Byte	Len	Dec	Req	Comments
CVCO	Company	A	3	3		N	If you are converting code values and if you specify a fixed assets company, the system uses this company for company-specific values. If this field has a value of **blank**, the system uses this value globally.
CVTYPE	Code Type	A	3	3		Y	Infinium FA defines the code types. User types are: ▪ **AYR** (Accounting Years) ▪ **ACQ** (Acquisition Method) ▪ **RET** (Retirement Reason) ▪ **TXA** (Taxing Authorities) ▪ **U01** to **U20** (Edit table values for alpha user fields)
CVCODE	Code Value	A	20	20		Y	Specify the appropriate code value for the code type. Code values can be up to 20 characters in length.
CVDESC	Code Description	A	30	30		Y	Specify a 30-character description of the code value.
CVACTV	Active Flag	A	1	1		Y	Specify **1** for active code value. Specify **0** for inactive code value.
CVMOD	Modification Allowed	A	1	1		Y	Specify **1** for all user-created values. Infinium FA provides some values that you cannot change.

Accounting Locations file, FAPLO

FAPLO
Accounting Locations file

Field name	Field description	Type	Byte	Len	Dec	Req	Comments
LOCO	Company	A	3	3		Y	Specify the company for this location.
LOLOC	Accounting Location	A	50	50		Y	Specify the accounting location including break characters. Left justify this field and blank fill.
LODESC	Description	A	30	30		Y	Specify a description for this location.
LOLOCN	Internal Location Number	P	5	9	0	Y	This field contains the unique internal location number. The system maintains the last used internal location number in entity controls. Both the accounting location and the physical location share the same internal number counter. ECLOCN is on the entity control.
LOACK	Acronym	A	10	10		Y	Specify a unique, 10-character name.
LOACTV	Yes/No Switch 1= Yes, 0=No	A	1	1		Y	If the location is active, specify **1**. You can add assets to only active locations. If the location is inactive, specify **0**.
LOALT1	Location (Alternate sequence 1)	A	50	50		Y	Specify the accounting location including break characters. Left justify this field and blank fill. You can update alternate sequence using Mass Change Alternate Sequences.
LOALT2	Location (Alternate sequence 2)	A	50	50		Y	Same comment as for the LOALT1 field.

FAPLO
Accounting Locations file

Field name	Field description	Type	Byte	Len	Dec	Req	Comments
LOMACH	Date Entered	S	6	6	0	Y	Specify the date that you convert the location. This date must be in the hundred-year format (HYF). Call the Infinium AM Date Processor, AMGCDATE, to perform the date conversion.
LODEPA	Dpr Expense Account #	A	36	36		Y	Specify the GL Depreciation Expense Account number for this location.
LOASSA	Asset Account #	A	36	36		Y	Specify the GL Asset Account number for this location.
LOPURC	Purchases Account #	A	36	36		Y	Specify the GL Purchases Account number for this location.
LORESA	Accum Reserve Account #	A	36	36		Y	Specify the GL Accumulated Reserve Account number for this location.
LOPRCD	Net Proceeds Account Number	A	36	36		Y	Specify the GL Proceeds Account number for this location.
LOOGL	Ord Gain/Loss Account #	A	36	36		Y	Specify the GL Ordinary Gain/Loss Account number for this location.
LOEGL	Extraord GL Account #	A	36	36		Y	Specify the GL Extraordinary Gain/Loss Account number for this location.
LOADJS	Transfers In Account #	A	36	36		Y	Specify the GL Transfers In Account number for this location.
LORENI	Transfers Out Account #	A	36	36		Y	Specify the GL Transfers Out Account number for this location.
LOOBLG	Obligation (future use)	A	36	36		N	Blank

FAPLO
Accounting Locations file

Field name	Field description	Type	Byte	Len	Dec	Req	Comments
LOAINT	Accrued Int (future use)	A	36	36		N	Blank
LORENX	RNT Expense (future use)	A	36	36		N	Blank
LOINTX	INT Expense (future use)	A	36	36		N	Blank
LOEXCL	Exclude From Dpr	A	1	1		Y	Specify **1** to depreciate assets at this location.
LOGLOV	Posting Account?	A	1	1		Y	Specify **1** if you are using this location to generate journal entries for transactions associated with this accounting location.
LOSEGN	Segment Number	P	2	3	0	Y	Specify the number of segments in this location. This field value is important for sorting and subtotaling.
LOACHG	GL Accts Differ From Prev?	A	1	1		Y	Specify **1** if general ledger accounts in this location are different from the previous accounting location.
LOAFLG	Location Activity Flag	A	1	1		Y	A value of **blank** indicates the current location record. If you change the location, the system creates a history record with a code indicating the type of change.
LOSETH	Date Changed	S	6	6		Y	Specify the date that you convert the location. This value must be in the hundred-year format (HYF). Call the Infinium AM Date Processor, AMGCDATE, to perform the date conversion.
LOTIME	Time Changed	S	6	6		Y	Specify the system time that you convert the location. This value must be in the HHMMSS format.
LOWSID	Work Station	A	10	10		Y	Specify the word **CONVERTED**.

FAPLO
Accounting Locations file

Field name	Field description	Type	Byte	Len	Dec	Req	Comments
LOUSID	User Profile	A	10	10		Y	Specify the word **CONVERTED**.

Physical Locations file, FAPPL

FAPPL
Physical Locations file

Field name	Field description	Type	Byte	Len	Dec	Req	Comments
PLLOC	Physical Location	A	50	50		Y	Specify the physical location including break characters. Left justify this field and blank fill.
PLDESC	Description	A	30	30		Y	Specify a description for this location.
PLLOCN	Internal Location	P	5	9	0	Y	This field contains the unique internal location number. The system maintains the last used internal location number in entity controls. Both the accounting location and the physical location share the same internal number counter. ECLOCN on the entity control.
PLACK	Acronym	A	10	10		Y	Specify a unique, 10-character name.
PLACTV	Active?	A	1	1		Y	If the location is active, specify **1** for creating new assets. Assets can be added to active locations only. If the location is inactive, specify **0** for reporting only.
PLALT1	Alt Seq 1	A	50	50		Y	Specify the physical location including break characters. Left justify this field and blank fill. You can update alternate sequence using Mass Change Alternate Sequences.
PLALT2	Alt Seq 2	A	50	50		Y	Same comment as for PLALT1.
PLMACH	Date Entered	S	6	6	0	Y	Specify the date that you convert the location. This date must be in the hundred-year format (HYF). Call the Infinium AM Date Processor, AMGCDATE, to perform the date conversion.

FAPPL
Physical Locations file

Field name	Field description	Type	Byte	Len	Dec	Req	Comments
PLSEGN	Segment Number	P	2	3	0	Y	Specify the number of segments in this location. This value is important for sorting and subtotaling.
PLAFLG	Location Activity Flag	A	1	1		Y	A value of **blank** indicates the current location record. If you change the location, the system creates an additional record with a code indicating the type of location change.
PLSETH	Date Changed	S	6	6	0	Y	Specify the date that you convert the location. This date must be in the hundred-year format (HYF). Call the Infinium AM Date Processor, AMGCDATE, to perform the date conversion.
PLTIME	Time Changed	S	6	6	0	Y	Specify the system time that you convert the location. This value must be in the HHMMSS format.
PLWSID	Work Station	A	10	10		Y	Specify the word **CONVERTED**.
PLUSID	User Profile	A	10	10		Y	Specify the word **CONVERTED**.

Asset Root Master (Base Data) file, FAPAB

FAPAB
Asset Root Master (Base Data) file

Field name	Field description	Type	Byte	Len	Dec	Req	Comments
ABASSN	Internal Asset#	P	5	9		Y	To create a new asset, you must assign a unique internal asset number to that asset. This number is the link between all the asset data files. When converting assets, you must update the ECASSN field value on the Entity Control file, FAPEC, with the last generated internal asset number. To update this file, do one of the following: ▪ Use your asset data conversion program to increment the ECASSN field value by one for each asset. ▪ Manually specify the last generated internal asset number in the ECASSN field.
ABCO	Company	A	3	3		Y	For the purposes of processing and reporting, each asset must belong to an Infinium FA company. Specify a valid company from the Company Controls file, FAPCF; for example, a value of **001**.
ABASSU	Asset Number - Primary	A	13	13		Y	This number can be system-generated or user-defined. You use this number to track assets through the system. System-generated numbers are right justified and blank filled. User-defined numbers must be unique within the company. When users manually assign a number to an asset, the system updates the CFASSN field value in the Company Controls file, FAPCF, with this number.

FAPAB
Asset Root Master (Base Data) file

Field name	Field description	Type	Byte	Len	Dec	Req	Comments
ABASSC	Asset Number - Component	A	3	3		N	This number allows multiple components of an individual asset to be attributed to the same primary asset number. The primary asset number has a component that is blank filled. This number must be unique within the company.
ABDESC	Asset Description	A	30	30		Y	The system provides this field for a description of the asset that can be used on screens and in reports. If your current description exceeds 30 characters, specify the first 30 characters in this ABDESC field and the remaining characters in the AXTEXT field on the Asset Descriptive Text file, FAPAX.
ABALCN	Internal Accounting Loc#	P	5	9		Y	Each asset must be associated with an accounting location. This field must contain a valid internal accounting location number from the LOLOCN field in the Accounting Locations file, FAPLO. Infinium FA uses this number as the link between the asset data and the 50-character accounting location structure. The system also uses this number for generating reports. The system stores the internal accounting location number only in FAPLO.
ABPLCN	Internal Physical Loc#	P	5	9		N	A physical location is optional. If you assign a physical location to an asset, this field must contain a valid internal physical location number from the PLLOCN field in the Physical Locations file, FAPPL. Infinium FA uses this number as the link between the asset data and the 50-character physical location structure. The system also uses this number for generating reports. The system stores the internal physical location number only in FAPPL.

FAPAB
Asset Root Master (Base Data) file

Field name	Field description	Type	Byte	Len	Dec	Req	Comments
ABACQ	Acquisition Code	A	20	20		N	You create acquisition codes in the *Application Control Files* option, *Work with code values*. You can assign a code value with a code type of **ACQ** to describe how the company acquired the asset. The system edits these user-defined values against the Code Values file, FAPCV.
ABBAS	Purchase Price	P	8	15	2	N	This value is the purchase price of the asset and can be any positive or negative value. This value can be the same as the cost basis in the corporate book or tax book..
ABSERN	Serial Number	A	20	20		N	Specify the serial number associated with the asset.
ABQUAN	Quantity	S	5	9	0	Y	This value must be at least **1** and indicates the number of items represented by the asset number.
ABDEH	Entered Date (HYF)	S	6	6	0	Y	Specify the date that you convert the asset using the hundred-year format (HYF). Call the Infinium AM Date Processor, AMGCDATE, to perform the date conversion.
ABDE8	Entered Date (8-character format)	P	5	8	0	Y	Specify the date that you convert the asset using an 8-character format, such as MMDDYYYY.
ABDEE	Entered Date (10-character format)	A	10	10		Y	Specify the date that you convert the asset using a 10-character format, such as MM/DD/YYYY.
ABDEPR	Depreciated?	A	1	1		Y	Specify **0**.

FAPAB
Asset Root Master (Base Data) file

Field name	Field description	Type	Byte	Len	Dec	Req	Comments
ABSTAT	Asset Status	A	1	1		Y	Specify one of the following status values: ▪ **A** for active assets, including retired and fully depreciated assets ▪ **I** for inactive assets that are temporarily non-depreciating ▪ **N** for non-depreciable assets If this field value is **blank**, the Batch Asset Maintenance program FAGBNT initializes this field to **A**. You can change **A**-type to **I**-type assets. You can change **I**-type to **A**-type assets. However, you cannot change this value for **N**-type assets.
ABAFLG	Asset Activity Flag	A	1	1		Y	Specify **blank**. A value of **blank** indicates that this is the active record for the asset, not a history record. If you perform asset transactions or maintenance, the system creates a copy of the asset record and places a history flag in this field. The history record reflects the status of the asset before you performed the transactions or maintenance.
ABGFLG	GL Activity Flag	A	1	1		Y	Specify **blank**. The system uses this flag to generate journal entries only if the entity controls, company controls, accounting locations and assets are set up to pass journal entries to a general ledger system.
ABSETH	Date Changed	S	6	6		Y	Specify the date that you convert the asset using the hundred-year format (HYF). Call the Infinium AM Date Processor, AMGCDATE, to perform the date conversion.
ABTIME	Time Changed	S	6	10		Y	Specify the system time that you convert the asset. This value must be in the HHMMSS format.
ABWSID	Work Station	A	10	10		Y	Specify the word **CONVERTED**.

FAPAB
Asset Root Master (Base Data) file

Field name	Field description	Type	Byte	Len	Dec	Req	Comments
ABUSID	User Profile	A	10	1		Y	Specify the word **CONVERTED**.
ABTXT	Text Segment Used	A	1	1		Y	Initialize this field to **0**. If the system created an Asset Descriptive Text file FAPAX record, FAGBNT changes the field value to **1**. If the FAPAX record does not exist, the field value remains set to **0**.
ABUSER	User Data Used	A	1	1		Y	Initialize this field to **0**. If the system created an Asset User Data file FAPAU record, FAGBNT changes the field value to **1**. If the FAPAU record does not exist, the field value remains set to **0**.
ABCORP	Corporate Book Used	A	1	1		Y	Initialize this field to **0**. If the system created an Asset Corporate Book file FAPAK record, FAGBNT changes the field value to **1**. If the FAPAK record does not exist, the field value remains set to **0**.
ABOTH	Other Tax Book Used	A	1	1		Y	Initialize this field to **0**. If the system created an Asset Tax Book file FAPAF record, FAGBNT changes the field value to **1**. If the FAPAF record does not exist, the field value remains set to **0**.
ABLSE	Lease Segment Used	A	1	1		Y	Initialize this field to **0**.
ABMAIN	Maintenance Segment Used	A	1	1		Y	Initialize this field to **0**. If the system created an Asset Maintenance file FAPAM record, FAGBNT changes the field value to **1**. If the FAPAM record does not exist, the field value remains set to **0**.

FAPAB
Asset Root Master (Base Data) file

Field name	Field description	Type	Byte	Len	Dec	Req	Comments
ABINS	Insurance Segment Used	A	1	1		Y	Initialize this field to **0**. If the system created an Asset Insurance file FAPAI record, FAGBNT changes the field value to **1**. If the FAPAI record does not exist, the field value remains set to **0**.
ABCIP	Project Accounting Segment Used	A	1	1		Y	Initialize this field to **0**. If the system created a Project Accounting Segment file FAPAY record, FAGBNT changes the field value to **1**. If the FAPAY record does not exist, the field value remains set to **0**.
ABRET	Retirement Segment Used	A	1	1		Y	Initialize this field to **0**. If the system created an Asset Retirements file FAPAR record, FAGBNT changes the field value to **1**. If the FAPAR record does not exist, the field value remains set to **0**.
ABTASN	Transfer From Int. Asset#	P		9	0	N	Specify **0**.
ABACYR	Transfer Accounting Year	P		4	0	N	Specify **0**.
ABACSY	Transfer Short Taxable Year?	P		1	0	N	Specify **0**.
ABACMO	Transfer Accounting Period	P		2		N	Specify **0**.
ABAPF	From AP?	A		1		N	Specify **blank**. This system uses this field for the Infinium FA/Infinium PL interface.

FAPAB
Asset Root Master (Base Data) file

Field name	Field description	Type	Byte	Len	Dec	Req	Comments
ABNBR	Unique Number	P		9		N	Specify **0**. This system uses this field for the Infinium FA/Infinium PL interface.
ABTCO	Transfer From Company	A		3		N	Specify **blank**. This system uses this field for intercompany transfers.
ABMODN	Model Asset Number	A		13		N	Leave **blank**. The system uses this field for storing the model asset number from which this asset was created.

Asset Descriptive Text file, FAPAX

FAPAX
Asset Descriptive Text file

Field name	Field description	Type	Byte	Len	Dec	Req	Comments
AXCO	Company	A	3	3		Y	Move the value from ABCO to this field.
AXASSN	Internal Asset Number	P	5	9	0	Y	Move the value from ABASSN to this field. The internal asset number is the link between all the asset data files.
AXTEXT	Asset Text	A	800	800		N	The system provides this field for additional description of the asset that can be used on screens and in reports. You can specify text up to 800 characters in this field. If your description in the Asset Description field, ABDESC, exceeds 30 characters, you can specify the first 30 characters in ABDESC and the remaining characters in this AXTEXT field.

Asset User Fields file, FAPAU

FAPAU
Asset User Fields file

Field name	Field description	Type	Byte	Len	Dec	Req	Comments
AUASSN	Internal Asset#	P	5	9		Y	Move the value from ABASSN to this field. The internal asset number is the link between all the asset data files.
AUCO	Company	A	3	3		Y	Move the value from ABCO to this field.
AUUN01	User alpha fld 01	A	20	20		N	Specify a value for this user field. Alpha fields can be up to 20 characters in length and field values can be required, edited or optional. You can define user field size and requirements in the Entity Controls file, FAPEC, and edited code values using code types **U01** through **U20** in the Code Values file, FAPCV. If this field is required, you must specify a valid value. If this field is edited, you must create matching code values for code types **U01** through **U20**. If this field is optional, you can leave the field blank.
AUUN02	User alpha fld 02	A	20	20		N	Same comment as for the AUUN01 field.
AUUN03	User alpha fld 03	A	20	20		N	Same comment as for the AUUN01 field.
AUUN04	User alpha fld 04	A	20	20		N	Same comment as for the AUUN01 field.
AUUN05	User alpha fld 05	A	20	20		N	Same comment as for the AUUN01 field.
AUUN05	User alpha fld 06	A	20	20		N	Same comment as for the AUUN01 field.
AUUN07	User alpha fld 07	A	20	20		N	Same comment as for the AUUN01 field.

FAPAU
Asset User Fields file

Field name	Field description	Type	Byte	Len	Dec	Req	Comments
AUUN08	User alpha fld 08	A	20	20		N	Same comment as for the AUUN01 field.
AUUN09	User alpha fld 09	A	20	20		N	Same comment as for the AUUN01 field.
AUUN10	User alpha fld 10	A	20	20		N	Same comment as for the AUUN01 field.
AUUN11	User alpha fld 11	A	20	20		N	Same comment as for the AUUN01 field.
AUUN12	User alpha fld 12	A	20	20		N	Same comment as for the AUUN01 field.
AUUN13	User alpha fld 13	A	20	20		N	Same comment as for the AUUN01 field.
AUUN14	User alpha fld 14	A	20	20		N	Same comment as for the AUUN01 field.
AUUN15	User alpha fld 15	A	20	20		N	Same comment as for the AUUN01 field.
AUUN16	User alpha fld 16	A	20	20		N	Same comment as for the AUUN01 field.
AUUN17	User alpha fld 17	A	20	20		N	Same comment as for the AUUN01 field.
AUUN18	User alpha fld 18	A	20	20		N	Same comment as for the AUUN01 field.
AUUN19	User alpha fld 19	A	20	20		N	Same comment as for the AUUN01 field.
AUUN20	User alpha fld 20	A	20	20		N	Same comment as for the AUUN01 field.
AUUV01	User numer fld 01	P	8	15	2	N	Specify a valid 15.2 numeric value.
AUUV02	User numer fld 02	P	8	15	2	N	Same comment as for the AUUV01 field.
AUUV03	User numer fld 03	P	8	15	2	N	Same comment as for the AUUV01 field.
AUUV04	User numer fld 04	P	8	15	2	N	Same comment as for the AUUV01 field.
AUUV05	User numer fld 05	P	8	15	2	N	Same comment as for the AUUV01 field.

FAPAU
Asset User Fields file

Field name	Field description	Type	Byte	Len	Dec	Req	Comments
AUD801	User date field 01 (8-character format)	P	5	8	0	N	Specify the date that you convert the asset using an 8-character format, such as MMDDYYYY.
AUDE01	User date fld 01 (10-character format)	A	10	10		N	Specify the date that you convert the asset using a 10-character format, such as MM/DD/YYYY.
AUDH01	User date fld 01 (HYF)	S	6	6	0	N	Specify the date that you convert the asset using the hundred-year format (HYF). Call the Infinium AM Date Processor, AMGCDATE, to perform the date conversion.
AUD802	User date field 02 (8-character)	P	5	8	0	N	Same comment as for the AUD801 field.
AUDE02	User date fld 02 (10-character)	A	10	10		N	Same comment as for the AUDE01 field.
AUDH02	User date fld 02 (HYF)	S	6	6	0	N	Same comment as for the AUDH01 field.
AUD803	User date field 03 (8-character format)	P	5	8	0	N	Same comment as for the AUD801 field.
AUDE03	User date fld 03 (10-character format)	A	10	10		N	Same comment as for the AUDE01 field.
AUDH03	User date fld 03 (HYF)	S	6	6	0	N	Same comment as for the AUDH01 field.

FAPAU
Asset User Fields file

Field name	Field description	Type	Byte	Len	Dec	Req	Comments
AUAFLG	Activity Flag	A	1	1		N	Initialize this field to **blank**. A value of **blank** indicates that this is the active record for the asset, not a history record. If you perform asset transactions or maintenance, the system creates a copy of the asset record and places a history flag in this field. The history record reflects the status of the asset before you performed the transactions or maintenance.
AUSETH	Date Changed	S	6	6		Y	Specify the date that you convert the asset using the hundred-year format (HYF). Call the Infinium AM Date Processor, AMGCDATE, to perform the date conversion.
AUTIME	Time Changed	S	6	6		Y	Specify the system time that you convert the asset. This value must be in the HHMMSS format.
AUWSID	Work Station	A	10	10		Y	Specify the word **CONVERTED**.
AUUSID	User Profile	A	10	10		Y	Specify the word **CONVERTED**.

Asset Corporate Book file, FAPAK

FAPAK
Asset Corporate Book file

Field name	Field description	Type	Byte	Len	Dec	Req	Comments
AKASSN	Internal Asset#	P	5	9	0	Y	Move the value from ABASSN to this field. The internal asset number is the link between all the asset data files.
AKCO	Company	A	3	3		Y	Move the value from ABCO to this field.
AKLIFE	Asset Life	P	3	4	0	Y	Specify the corporate book total life for the asset in the YYMM format, in which Y is years and M is months (periods). For example, 0500 is 5 years and no months.
AKULIF	# Units in Life of Asset	P	6	10	0	Y	If the asset requires depreciation to be calculated in units produced, specify the units for the life of the asset in this field.
AKISTH	Corporate Install Date - HYF	S	6	6	0	Y	Specify the date from which the system calculates depreciation (installation date or placed in service date) using the hundred-year format (HYF). Call the Infinium AM Date Processor, AMGCDATE, to perform the date conversion.
AKIST8	Corporate Install Date - 8 Digit	P	5	8	0	Y	Using an 8-character format, such as MMDDYYYY, specify the same date as in the AKISTH field. The format must be the same as specified in entity controls.
AKISTE	Corporate Install Date - Edit	A	10	10		Y	Using a 10-character format, such as MM/DD/YYYY, specify the same date as in the AKISTH field. The format must be the same as specified in entity controls.
AKIYR	Install year	P	3	4	0	Y	Specify **0**. FAGBNT derives the value from the installation date and the corporate book controls.

FAPAK
Asset Corporate Book file

Field name	Field description	Type	Byte	Len	Dec	Req	Comments
AKIMO	Install month	P	2	2	0	Y	Specify **0**. FAGBNT derives the value from the installation date and the corporate book controls.
AKSHRT	Short Taxable Year?	P	1	1	0	Y	Specify **0**. FAGBNT derives the value from the installation date and the corporate book controls.
AKPRO	Corporate Book Prorate Code	A	3	3		Y	You can specify one of the following values in this field: ▪ **Blank** ▪ **__2** ▪ **_FY** ▪ **_HY** ▪ **MFY** The prorate code and the installation date determine the start of depreciation and calculation of remaining life. **Note:** For more detailed information relating to the values in this field, refer to the *Infinium FA Guide to Setup and Processing*.
AKDTAB	Corp Book Depreciation Table	A	10	10		Y	Specify a valid depreciation table value from the Depreciation Table Control file, FAPD1. If the asset is non-depreciating (ABSTAT = **N**), leave this field blank. The depreciation table value determines the method of depreciation that the system uses for the asset. For example, **STL** is straightline depreciation for the asset and **RSTL** is remaining life straightline depreciation for an asset converted with existing accumulated reserve.

FAPAK
Asset Corporate Book file

Field name	Field description	Type	Byte	Len	Dec	Req	Comments
AKBAS	Corporate Book Cost Basis	P	8	15	2	Y	Specify the original cost of the asset.
AKREDU	Corp Book Depreciable Basis	P	8	15	2	Y	Specify **0**. FAGBNT calculates the depreciation basis. If you specified salvage value on the book control, FAGBNT subtracts the salvage value in AKSALV from the cost basis in AKBAS.
AKARES	Corp Book Accum Reserve	P	8	15	2	Y	Specify the life-to-date accumulated reserve (depreciation) for assets converted using remaining life methods. For example: If you are using **RSTL** for the depreciation method, you must specify life-to-date depreciation. If you are using **STL** depreciation, you cannot specify life-to-date depreciation. Specify **0**.
AKDYTD	Corp Book YTD Depreciation	P	8	15	2	Y	If your conversion month is not the end of an accounting year, specify the year-to-date depreciation for assets that you are converting using remaining life methods. For example: If you are using **RSTL** for the depreciation method and if you are converting as of period 3 in the current accounting year, you must specify year-to-date depreciation. This field stores the depreciation expenses for the current year only. If you are using **STL** depreciation or if you are converting at the end of the prior year, you cannot specify year-to-date depreciation. Specify **0**.
AKCUR	Corp Book Current Deprec	P	8	15	2	Y	Specify **0**. This field holds monthly depreciation amounts. The system does not require a value in this field.
AKUPRD	# Units Produced L.T.D.	P	6	10	0	Y	If the asset requires depreciation to be calculated in units produced, specify the total units produced life-to-date in this field.

FAPAK
Asset Corporate Book file

Field name	Field description	Type	Byte	Len	Dec	Req	Comments
AKUYTD	# Units Produced Y.T.D.	P	6	10	0	Y	If the asset requires depreciation to be calculated in units produced, specify the total units produced year-to-date in this field.
AKSALP	Corp Book Salvage Percent	P	3	5	2	Y	If you specify a percentage, FAGBNT calculates the amount. The system uses this field value to reduce the depreciable basis, as described in the AKREDU field.
AKSALV	Corp Book Salvage Value	P	8	15	2	Y	If you specify an amount, FAGBNT calculates the percentage. The system uses this field value to reduce the depreciable basis, as described in the AKREDU field.
AKGLOV	Close to GL	A	1	1		Y	Specify **1** in this field if the asset is set up to generate journal entries for interface to the general ledger; otherwise, specify **0**. If this field value is **blank**, FAGBNT reads the *GL Company* field, CFGLC, in the Company Controls file, FAPCF. If CLGLC is blank, the system initializes AKGLOV to **0**; if not blank, initializes AKGLOV to **1**.
AKDALL	Depreciation Allocation	A	20	20		Y	Specify a valid depreciation allocation table value from the Allocation Headers file, FAPAH. The depreciation allocation table values override the accounting location depreciation expense account values. You can define this table in the *Application Controls Files* option, *Work with depreciation allocatn*.
AKSWSL	Switch to STL	P	3	4	0	Y	Specify **0**.
AKFDYR	First Year Depreciated	P	3	4	0	Y	Specify **0**. The first time that Infinium FA updates this field, the system calculates first year depreciation for the asset.
AKFDSY	Short Taxable Year?	P	1	1	0	Y	Specify **0**. The first time that Infinium FA updates this field, the system calculates first short year depreciation for the asset.

Field name	Field description	Type	Byte	Len	Dec	Req	Comments
AKFDMO	First Month Depreciated	P	2	2	0	Y	Specify **0**. The first time that Infinium FA updates this field, the system calculates first month depreciation for the asset.
AKLDYR	Last Year Depreciated	P	3	4		Y	Specify the last year the asset was depreciated if you are converting accumulated reserve; otherwise, specify **0**.
AKLDSY	Short Taxable Year?	P	1	1		Y	Specify the last short year the asset was depreciated if you are converting accumulated reserve; otherwise, specify **0**.
AKLDMO	Last Month Depreciated	P	2	2		Y	Specify the last month the asset was depreciated if you are converting accumulated reserve; otherwise, specify **0**.
AKTOTR	Total Retirement Cost	P	8	15	2	Y	Specify **0** or the total retirement cost. If you have partially retired the asset or if you have converted the partial retirement amount to the Asset Retirements file, FAPAR, specify **0**. FAGBNT updates the amount. If you have fully retired the asset, specify the total retirement cost.
AKERTH	Earliest Retirement Date	S	6	6	0	Y	If you have not retired the asset, specify 999999. If you have fully retired the asset, specify the retirement date using the hundred-year format (HYF). Call the Infinium AM Date Processor, AMGCDATE, to perform the date conversion.
AKFRET	Fully Retired?	A	1	1		Y	Specify **1** if the asset is fully retired; otherwise, specify **0**. We strongly recommend that you do not convert fully retired assets.
AKREML	Corporate Book Remain. Life	P	3	4	0	Y	Specify **0**. If you are converting the asset using remaining life depreciation methods, FAGBNT reduces the remaining life by the number of months calculated from the installation date to the date last depreciated.

FAPAK
Asset Corporate Book file

Field name	Field description	Type	Byte	Len	Dec	Req	Comments
AKAFLG	Activity Flag	A	1	1		Y	Initialize this field to **blank**. A value of **blank** indicates that this is the active record for the asset, not a history record. If you perform asset transactions or maintenance, the system creates a copy of the asset record and places a history flag in this field. The history record reflects the status of the asset before you performed the transactions or maintenance.
AKGFLG	GL Activity Flag	A	1	1		Y	Specify **blank**. The system uses this flag to generate journal entries if the entity controls, company controls, accounting locations. Assets are set up to pass journal entries to a general ledger system.
AKACYR	Accounting Year	P	3	4	0	Y	Specify the year that the asset addition was booked to the general ledger or specify the installation year.
AKACSY	Short Taxable Year?	P	1	1	0	Y	Specify the short year number that the asset addition was booked to the general ledger or specify the installation short year; otherwise, specify **0**.
AKACMO	Accounting Period	P	2	2	0	Y	Specify the period that the asset was booked to the general ledger or specify the installation period.
AKCAR	Accumulated Reserve at Conv.	P	8	15	2	Y	Move the value from AKARES to this field. The system can use this value for conversion reconciliation or for reference at a later time. Infinium FA retains the AKARES value in this field for the life of the asset.

Field name	Field description	Type	Byte	Len	Dec	Req	Comments
AKCYTD	YTD Depreciation at Conv.	P	8	15	2	Y	If your conversion month is not the end of an accounting year, specify the year-to-date depreciation for assets that you are converting using remaining life methods. For example: If you are using **RSTL** for the depreciation method and if you are converting as of period 3 in the current accounting year, you must specify year-to-date depreciation. This field stores the depreciation expenses for the current year only. If you are using **STL** depreciation or if you are converting at the end of the prior year, you cannot specify year-to-date depreciation. Specify **0**.
AKCTAB	Deprec Table at Conversion	A	10	10		Y	Specify the table or depreciation method used in your prior fixed assets system.
AKCYR	Depr. Year at Conversion	P	3	4	0	Y	Move the value from AKLDYR to this field.
AKCSY	Short Taxable Year?	P	1	1	0	Y	Move the value from AKLDSY to this field.
AKCMO	Depr. Period at Conversion	P	2	2	0	Y	Move the value from AKLDMO to this field.
AKBNBR	Bch Nbr	P	4	7	0	Y	Specify **0**. Infinium FA updates this field with the period end batch number.
AKSETH	Date Changed	S	6	6	0	Y	Specify the date that you convert the asset using the hundred-year format (HYF). Call the Infinium AM Date Processor, AMGCDATE, to perform the date conversion.
AKTIME	Time Changed	S	6	6	0	Y	Specify the system time that you convert the asset. This value must be in the HHMMSS format.

FAPAK
Asset Corporate Book file

Field name	Field description	Type	Byte	Len	Dec	Req	Comments
AKWSID	Work Station	A	10	10		Y	Specify the word **CONVERTED**.
AKUSID	User Profile	A	10	10		Y	Specify the word **CONVERTED**.
AKCBAS	Addition Journal Adjustment	P	8	15	2	Y	Specify **0**.
AKSTAT	Corp Book Status	A	1	1		Y	Specify **A**.
AKINAL	Life Held Inactive	P	3	4		Y	Specify **0**.
AKRYR	Depr. Year Reactivated	P	3	4		Y	Specify **0**.
AKRSY	Short Taxable Year?	P	1	1		Y	Specify **0**.
AKRMO	Depr. Period Reactivated	P	2	2		Y	Specify **0**.
AKQUAN	Book Quantity	P	5	9		Y	Move the value from ABQUAN to this field.
AKINAT	Total Life Held Inactive	P	3	4		Y	Specify **0**.

Asset Tax Book file, FAPAF

FAPAF
Asset Tax Book file

Field name	Field description	Type	Byte	Len	Dec	Req	Comments
AFASSN	Internal Asset#	P	5	9	0	Y	Move the value from ABASSN to this field. The internal asset number is the link between all the asset data files.
AFCO	Company	A	3	3		Y	Move the value from ABCO to this field.
AFBOOK	Tax Book Name	A	10	10		Y	Specify the name of the tax book that you are creating. The name of the Federal tax book must be the same name as specified in the company controls record. The system requires a value in this field and book controls must exist for each tax book. Because an asset can have more than one tax book, the system stores each tax book record in the FAPAF file. Each tax book has a unique key containing the internal asset number AFASSN, company AFCO and tax book name AFBOOK.

FAPAF
Asset Tax Book file

Field name	Field description	Type	Byte	Len	Dec	Req	Comments
AFDTAB	Tax Depreciation Table	A	10	10		Y	In your Infinium FA project planning meeting with your Infinium implementation consultant, it is important that you have already discussed the depreciation methods that you can use in conversion and the methods that fit each asset type that you are converting. The system assigns a valid depreciation table value based on the following: ▪ If you are using tax regulation **ACR** (Accelerated Cost Recovery) in the Tax Regulation Code field AFGUID, the system uses the *Run edit asset master file* function to assign the depreciation table value, based on ACRS class AFACLA and Guideline class AFCLS. ▪ If you are using a regulation other than **ACR**, you must specify a valid depreciation table from the Depreciation Table Control file, FAPD1.
AFARES	Tax Accumulated Reserve	P	8	15	2	Y	Do one of the following: ▪ Specify life-to-date accumulated reserve for assets using the remaining life depreciation methods. ▪ Specify **0** if the tax regulation is **ACR**. ▪ Specify **0** if the tax regulation is not **ACR** and you are converting an asset that has not depreciated. The system uses tax regulation **ACR** for all U.S. Federal tax book assets that were installed after 1980 and that will be depreciated using tax regulations **ACRS** and **MACRS** (Modified Accelerated Cost Recovery System).

Field name	Field description	Type	Byte	Len	Dec	Req	Comments
AFDYTD	Tax YTD Depreciation	P	8	15	2	Y	Do one of the following: ▪ Specify year-to-date accumulated reserve for assets using remaining life depreciation methods and previously depreciated in any period other than the last month of the year. ▪ Specify **0** if the tax regulation is **ACR**. ▪ Specify **0** if the tax regulation is not **ACR** and you are converting an asset that has not depreciated. ▪ Specify **0** if you are converting an asset that was last depreciated as of the last period of the previous year.
AFCUR	Tax Current Depreciation	P	8	15	2	Y	Specify **0**. The system updates this field during period end processing with the depreciation calculated for the period being closed.
AFATAB	Alternate Minimum Tax Table	A	10	10		Y	Move **blank** to this field. If **AMT** (Alternate Minimum Tax) regulation applies to this asset, FAGBNT assigns an AMT depreciation table value that the system uses for the alternate minimum tax. The system does not require a separate tax book to obtain AMT depreciation.
AFAMIN	LTD AMT Depreciation	P	8	15	2	Y	Specify **0**. If FAGBNT assigns an AMT depreciation table value, the system will populate this field during the ACE (Adjusted Current Earnings) setup part of conversion.
AFYMIN	YTD AMT Depreciation	P	8	15	2	Y	Specify **0**. If FAGBNT assigns an AMT depreciation table value, the system will populate this field during the ACE setup and subsequent period end closes.

FAPAF
Asset Tax Book file

Field name	Field description	Type	Byte	Len	Dec	Req	Comments
AFBAS	Tax Cost Basis	P	8	15	2	Y	Specify the cost basis of the asset for this tax book. If the cost basis is the same value as in the corporate book, move the value from AKBAS to this field. The cost basis value in the corporate book can be different from the cost basis value in the tax book.
AFREDU	Tax Depreciable Basis	P	8	15	2	Y	Specify **0**. FAGBNT evaluates the tax regulations and sets the depreciable basis accordingly. If the asset does not require a basis reduction, FAGBNT moves the value from AFBAS to this field.
AFBEXP	Section 179 Expense	P	8	15	2	Y	Specify any applicable Section 179 expense. The system uses this field for a special expensing election. If the asset is property that allows the expense election, FAGBNT uses the expense amount value in this field to reduce the depreciable basis. Section 179 expense applies to personal property installed after 12/31/80. Infinium FA sets limits on the expensed amount that the system can take annually.
AFBNUS	Additional Depreciation	P	8	15	2	Y	Specify an amount for either of the following: ▪ Any applicable bonus depreciation for personal property installed before 1/1/81 and using a tax regulation of **ADR**. ▪ Any applicable clean fuel deduction amount for vehicles installed after 6/30/93 for which a fuel credit applies. ▪ If the bonus depreciation or clean fuel deduction do not apply, specify **0**. For more detailed information relating to additional depreciation, refer to the *Infinium FA Guide to Setup and Processing*.

Field name	Field description	Type	Byte	Len	Dec	Req	Comments
AFISTH	Tax Install Date - HYF	S	6	6	0	Y	Specify the date from which the system calculates depreciation (installation date or placed in service date) using the hundred-year format (HYF). Call the Infinium AM Date Processor, AMGCDATE, to perform the date conversion.
AFIST8	Tax Install Date - 8 Digit	P	5	8	0	Y	Using an 8-character format, such as MMDDYYYY, specify the same date as in the Tax Install Date - HYF field, AFISTH. The format must be the same as specified in entity controls.
AFISTE	Tax Install Date - Edit	A	10	10		Y	Using a 10-character format, such as MM/DD/YYYY, specify the same date as in the Tax Install Date - HYF field, AFISTH. The format must be the same as specified in entity controls.
AFIYR	Tax Install Year	P	3	4	0	Y	Specify **0**. FAGBNT derives the value from the installation date and the corporate book controls.
AFSHRT	Tax Install Short Year	P	1	1	0	Y	Specify **0**. FAGBNT derives the value from the installation date and the corporate book controls.
AFIMO	Tax Install Period	P	2	2	0	Y	Specify **0**. FAGBNT derives the value from the installation date and the corporate book controls.

FAPAF
Asset Tax Book file

Field name	Field description	Type	Byte	Len	Dec	Req	Comments
AFTRAN	Transition Rule?	A	1	1		Y	Specify **1** if the asset is subject to transitional rules. A transitional rule comes into effect when tax regulations change. For a specified period or reason, you have a choice of using the old or new regulation. For example, the building in service date began after the start of MACRS regulations, but the contract for the construction of the building began before the start of MACRS regulations. Under these circumstances transitional rules would apply and the asset could use the old depreciation regulation. Specify **0** if the asset is not subject to transitional rules.
AFLIFE	Tax Asset Life	P	3	4	0	Y	Specify the tax book total life for the asset in the YYMM format, in which Y is years and M is months (periods). For example, 0500 is 5 years and no months. If the tax regulation is **ACR**, FAGBNT validates the asset life and does the following: ▪ Changes the asset life to the correct value ▪ Prints a message stating that the asset life entered was incorrect
AFPRO	Tax Prorate Code	A	3	3		Y	If the tax regulation is **ADR** (Asset Depreciation Range), specify one of the following values: ▪ **H** for half-year convention ▪ **MH** for modified half-year convention ▪ If the tax regulation is not **ADR**, specify **blank**. For more detailed information relating to prorate codes, refer to the *Infinium FA Guide to Setup and Processing*.

Field name	Field description	Type	Byte	Len	Dec	Req	Comments
AFSALP	Tax Salvage Percent	P	3	5	2	Y	If you specify a percentage, FAGBNT calculates the amount. The system uses this field value to reduce the depreciable basis, as described in the AFREDU field. If the tax regulation is **ACR**, FAGBNT ignores the salvage value percent.
AFSALV	Tax Salvage Value	P	8	15	2	Y	If you specify an amount, FAGBNT calculates the percentage. The system uses this field value to reduce the depreciable basis, as described in the AFREDU field. If the tax regulation is **ACR**, FAGBNT ignores the salvage value amount.
AFSWSL	Tax Switch Period to STL - SYD	P	3	4	0	Y	Specify **0**. FAGBNT uses this field to specify the year and month that the asset switched from an accelerated method to a straightline method of depreciation.
AFSECP	Section 1245, 1250 property	A	1	1		Y	Specify one of the following: ▪ **4** for personal (1245) property ▪ **5** for real (1250) property The system uses this field to separate personal property from real property, regardless of the tax regulation.
AFACLA	ACRS Class	A	2	2		Y	The system requires an ACRS class for all assets using tax regulation **ACR**. This class works in conjunction with the guideline class and tax elections to determine the life and classification of the asset.
AFMASS	Farming Business?	A	1	1		Y	Specify **1** in this field to activate special methods of depreciation that the system requires for assets used primarily in the business of farming; otherwise specify **0**.

FAPAF
Asset Tax Book file

Field name	Field description	Type	Byte	Len	Dec	Req	Comments
AFGUID	Tax Regulation Code	A	3	3		Y	Specify one of the following in this field: ▪ **ACR** Accelerated Cost Recovery System and greater than or equal to 1981, Modified Accelerated Cost Recovery System ▪ **ADR** Asset Depreciation Range System ▪ **CLS** Class Life System ▪ **CON** Conventional methods < 81 ▪ **UPR** Units of Production methods The system uses **ACR**, **ADR** and **CLS** for regulated methods, **CON** for assets not regulated by any class life system, and **UPR** for depreciating assets using units of use.
AFITC$	ITC Amount	P	8	15	2	Y	If you used an investment tax credit (ITC) amount for the asset, specify the amount in this field; otherwise, specify **0**. If you specify an amount, FAGBNT calculates the percentage.
AFITCP	ITC Percentage	P	3	5	2	Y	If you used an investment tax credit (ITC) percentage for the asset, specify the percentage in this field; otherwise, specify **0**. If you specify a percentage, FAGBNT calculates the amount.
AFRITC	Recaptured ITC	P	8	15	2	Y	Specify **0**. If you used an ITC amount for the asset, the system calculates this amount upon retirement of the asset.
AFUREC	Unrecovered Basis	P	8	15	2	Y	Specify **0**. The system populates this field during ACE setup.

Field name	Field description	Type	Byte	Len	Dec	Req	Comments
AFNEWU	New or Used Code	A	1	1		Y	Specify one of the following: ▪ **N** for new assets ▪ **U** for used assets The tax regulation **ADR** uses this field to determine a valid method of depreciation based on the new or used value.
AFSDP1	Sec 1250 depr 1964 - 1969	P	8	15	2	Y	If you are using tax regulations **ADR**, **CLS** or **CON**, specify the depreciation expense for years 1964 to 1969 for real property converted using remaining life methods. If you are using tax regulations **ACR** or **UPR**, specify **0**.
AFSDP2	Sec 1250 depr 1970 - 1975	P	8	15	2	Y	If you are using tax regulations **ADR**, **CLS** or **CON**, specify the depreciation expense for years 1970 to 1975 for real property converted using remaining life methods. If you are using tax regulations **ACR** or **UPR**, specify **0**.
AFSDP3	Sec 1250 depr 1975 ->	P	8	15	2	Y	If you are using tax regulations **ADR**, **CLS** or **CON**, specify the depreciation expense for years 1975 to present for real property converted using remaining life methods. If you are using tax regulations **ACR** or **UPR**, specify **0**.
AFFDYR	First Depreciated Year	P	3	4	0	Y	Specify **0**. The system updates this field during the first period end close.
AFFDSY	First Deprec. Short Year	P	1	1	0	Y	Specify **0**. The system updates this field during the first period end close.

FAPAF
Asset Tax Book file

Field name	Field description	Type	Byte	Len	Dec	Req	Comments
AFFMO	First Period Depreciated	P	2	2	0	Y	Specify **0**. The system updates this field during the first period end close.
AFLDYR	Last Depreciated Year	P	3	4	0	Y	If you are using a remaining life method of depreciation, specify the last year of depreciation associated with the accumulated reserve. If you are using tax regulation **ACR** or if you are not using a remaining life method of depreciation, specify **0**.
AFLDSY	Last Deprec. Short Year	P	1	1	0	Y	If you are using a remaining life method of depreciation, specify the last short year of depreciation associated with the accumulated reserve. If you are using tax regulation **ACR** or if you are not using a remaining life method of depreciation, specify **0**.
AFLDMO	Last Period Depreciated	P	2	2	0	Y	If you are using a remaining life method of depreciation, specify the last month of depreciation associated with the accumulated reserve. If you are using tax regulation **ACR** or if you are not using a remaining life method of depreciation, specify **0**.
AFTOTR	Total Retirement Cost	P	8	15	2	Y	If you have fully retired the asset, specify the total cost of the asset in this field. If you have not retired or partially retired the asset, specify **0**. We strongly recommend that you do not convert retirements.
AFERTH	Earliest Retirement Date	S	6	6	0	Y	If you have not retired or partially retired the asset, specify 999999. If you have fully retired the asset, specify the retirement date using the hundred-year format (HYF). Call the Infinium AM Date Processor, AMGCDATE, to perform the date conversion.

Field name	Field description	Type	Byte	Len	Dec	Req	Comments
AFFRET	Fully Retired?	A	1	1		Y	Specify **1** if the asset is fully retired; otherwise, specify **0**.
AFREML	Tax Remaining Life	P	3	4	0	Y	Specify **0**. If you are using remaining life methods, FAGBNT reduces the remaining life by the number of months calculated from the installation date to the date last depreciated.
AFITCR	ITC Rate Reduction	A	1	1		Y	The system uses the investment tax credit (ITC) rate reduction election for assets installed after 1/1/83. Specify **0** to reduce the asset cost basis by 50 percent of the ITC amount allowed. Specify **1** to reduce the percentage of ITC allowed.
AFAUTO	Automobile?	A	1	1		Y	Specify **1** if the asset is an automobile and is subject to luxury automobile depreciation limits; otherwise, specify **0**.
AFBON	ADR Bonus?	A	1	1		Y	Specify **0**. If a value exists in the AFBNUS field, FAGBNT sets this field to **1**.
AFAFLG	Activity Flag	A	1	1		Y	Initialize this field to **blank**. A value of **blank** indicates that this is the active record for the asset (not a history record). If you perform asset transactions or maintenance, the system creates a copy of the asset record and places a history flag in this field. The history record reflects the status of the asset before you performed the transactions or maintenance.
AFSETH	Date Changed	S	6	6	0	Y	Specify the date that you convert the asset using the hundred-year format (HYF). Call the Infinium AM Date Processor, AMGCDATE, to perform the date conversion.

FAPAF
Asset Tax Book file

Field name	Field description	Type	Byte	Len	Dec	Req	Comments
AFTIME	Time Changed	S	6	6	0	Y	Specify the system time that you convert the asset. This value must be in the HHMMSS format.
AFWSID	Work Station	A	10	10		Y	Specify the word **CONVERTED**.
AFUSID	User Profile	A	10	10		Y	Specify the word **CONVERTED**.
AFSTLE	Straight Line Election	A	1	1		Y	To elect straightline depreciation for real property with an installation date between 1/1/81 and 12/31/86, you can do one of the following: ▪ Specify **1**. The system uses the tax prescribed depreciation table to calculate the straightline depreciation. ▪ Specify **2**. The system uses the STL depreciation formula to calculate the straightline depreciation. ▪ Specify **0** for no straightline election.
AFCLS	Guideline Class	P	3	5	3	Y	Specify a guideline class for all tax regulations except **CON** and **UPR**. The format is **XX.XXX**. **Note:** Refer to Federal tax regulations for expanded definitions of guideline classes.
AFBUIP	Business Use Percent	P	3	5	2	Y	If the asset is listed property, specify a business use percentage. The format is **XXX.XX%**
AFLIST	Listed Property?	A	1	1		Y	Specify **1** if the asset is listed property; otherwise, specify **0**. Listed property includes items such as automobiles, video equipment and recreational vehicles. To qualify as listed property, you must have acquired the asset after 6/18/84.

Field name	Field description	Type	Byte	Len	Dec	Req	Comments
AFORGB	1st Yr Business Use%	P	3	5	2	Y	Specify **0**.
AFLOWB	Lowest Business Use%	P	3	5	2	Y	Specify **0**.
AFMOD	Modified ACRS Election?	A	1	1		Y	Specify **1** if you elect MACRS rules for an asset with an installation date in 1986; otherwise, specify **0**.
AFANTI	Anti-churning?	A	1	1		Y	Specify **1** if anti-churning rules apply to this asset; otherwise, specify **0**.
AFACRA	Alternate ACRS Election?	A	1	1		Y	Specify **1** if you are using alternate straightline election for 1250 ACRS and MACRS assets; otherwise specify **0**.
AFSLVG	Salvage Reduction?	A	1	1		Y	Specify **1**. FAGBNT reduces the amount of salvage by 10 percent of the cost basis to apply to the depreciation basis. Specify **0**. FAGBNT reduces the depreciation basis by the entire amount of salvage. Specify **0** if you are using ACRS or MACRS assets.
AFVSUB	Vintage Subaccount	A	10	10		Y	The system uses this field for ADR assets only and only if you require further grouping of ADR assets; for example, each asset in its own vintage account.
AFLREX	Last Ret. Extraordinary?	A	1	1		Y	The system uses this field for ADR assets only. Specify **1** if the last retirement was extraordinary; otherwise, specify **0**.
AFSTLR	Straight Line required?	A	1	1		Y	Specify **1** for straightline depreciation of ACRS and MACRS 1245 assets; otherwise, specify **0**.

FAPAF
Asset Tax Book file

Field name	Field description	Type	Byte	Len	Dec	Req	Comments
AFFORP	Foreign Property?	A	1	1		Y	Specify **1** if property is U.S. owned but used more than 50 percent outside the U.S.; otherwise, specify **0**.
AFLOWI	Low Income Housing?	A	1	1		Y	Specify **1** if the asset is real property, residential low-income housing; otherwise, specify **0**.
AFCAR	Accumulated Reserve at Conv.	P	8	15	2	Y	Specify the current accumulated depreciation from your existing fixed assets system.
AFCYTD	YTD Depreciation at Conv.	P	8	15	2	Y	Specify the current tax year-to-date depreciation from your existing fixed assets system.
AFCTAB	Deprec Table at Conversion	A	10	10		Y	Specify the name of the depreciation table that you are currently using in your existing fixed assets system.
AFCYR	Depr. Year at Conversion	P	3	4	0	Y	Specify the last year of depreciation associated with the accumulated depreciation that you entered in the Accumulated Reserve at Conv. field, AFCAR.
AFCSY	Depr. Short Year at Conversion	P	1	1	0	Y	Specify the last short year of depreciation associated with the accumulated depreciation that you entered in the Accumulated Reserve at Conv. field, AFCAR.
AFCMO	Depr. Period at Conversion	P	2	2	0	Y	Specify the last month of depreciation associated with the accumulated depreciation that you entered in the Accumulated Reserve at Conv. field, AFCAR.
AFEAR	ACE Accumulated Reserve	P	8	15	2	Y	Specify **0**. The system populates this field during ACE setup.
AFEYTD	ACE YTD Depreciation	P	8	15	2	Y	Specify **0**. The system populates this field during ACE setup.

FAPAF
Asset Tax Book file

Field name	Field description	Type	Byte	Len	Dec	Req	Comments
AFETAB	ACE Depreciation Table	A	10	10		Y	Specify **blank**. The system populates this field during ACE setup.
AFERML	ACE Remaining Life	P	3	4	0	Y	Specify **0**. The system populates this field during ACE setup.
AFMID	ACE Mid-Month?	A	1	1		Y	Specify **0**. FAGBNT updates this field.
AFBNBR	Batch Number	P	4	7	0	Y	Specify **0**. The system updates this field during the close process.
AFPBOK	Previous Tax Book Name	A	10	10		Y	Specify **blank**.
AFMINE	Mineral Reserves?	A	1	1	0	Y	If you are using tax regulation **UPR** and this asset is part of a mineral reserve, specify **1**; otherwise, specify **0**.
AFULIF	# Units in Life of Asset	P	6	10	0	Y	If you are using the unit of production method, specify the total units in the life of the asset; otherwise, specify **0**.
AFUPRD	# Units Produced L.T.D.	P	6	10	0	Y	If you are using the unit of production method, specify the units used life-to-date; otherwise, specify **0**.
AFUYTD	# Units Produced Y.T.D.	P	6	10	0	Y	If you are using the unit of production method, specify the units used year-to-date; otherwise, specify **0**.
AFSTAT	Tax Book Status	A	1	1		N	This field is currently not in use. You can specify **A.**
AFBU2P	Business Use Percent	P	3	5	2	N	This field is currently not in use. You can specify **0**.
AFBU3P	Business Use Percent	P	3	5	2	N	This field is currently not in use. You can specify **0**.
AFBU4P	Business Use Percent	P	3	5	2	N	This field is currently not in use. You can specify **0**.

FAPAF
Asset Tax Book file

Field name	Field description	Type	Byte	Len	Dec	Req	Comments
AFBU5P	Business Use Percent	P	3	5	2	N	This field is currently not in use. You can specify **0**.
AFBU6P	Business Use Percent	P	3	5	2	N	This field is currently not in use. You can specify **0**.
AFBU7P	Business Use Percent	P	3	5	2	N	This field is currently not in use. You can specify **0**.
AFQUAN	Tax Quantity	P	5	9		Y	Move the value from ABQUAN to this field.
AFIND	Indian Reservation Property	A	1	1		Y	Specify one of the following: ▪ **1** to activate alternative recovery periods for qualified Indian Reservation property ▪ **0** if not qualified Indian Reservation property
AFDINT	Depreciable Intangible Software	A	1	1		Y	If you are using a regulation code of **INT**, specify one of the following: ▪ **1** if this asset is an intangible asset that will be depreciated such as computer software ▪ **0** if this is an intangible asset that is amortized ▪ If you are not using regulation code **INT**, specify **0**
AFLSHD	Leasehold Improvements	A	1	1		Y	Specify **1** if the asset is a leasehold improvement; otherwise, specify **0**. Certain leasehold improvements qualify for the bonus depreciation.
AFJCBD	Bonus Depreciation	P	8	15	2	N	Specify **0**. FAGBNT calculates the bonus depreciation and sets it accordingly.

Field name	Field description	Type	Byte	Len	Dec	Req	Comments
AFEOBD	Elect out Bonus	A	1	1		Y	Specify **0** to not elect out of bonus depreciation. Bonus depreciation will automatically be calculated at either the 30% or 50% rate depending on the installation date. Specify **1** to elect out of bonus depreciation. Bonus depreciation will not be calculated for this asset. Specify **2** if the asset is not eligible for the 50% bonus depreciation. When the value in this field is **2**, the asset is eligible for the 30% bonus depreciation.
AFLZPR	Liberty Zone Property	A	1	1		Y	Specify **1** if the asset is in the NY liberty zone; otherwise, specify **0**.
AFRCON	Replace Condemned Real Property	A	1	1		Y	Specify **1** if the asset is in the NY liberty zone and replaces real property condemned or destroyed; otherwise, specify **0**.
AFFLG1	Bonus Percent Flag	A	1	1		Y	
AFFLG2	Flag 2 (future use)	A	1	1		Y	
AFGZPR	Gulf Zone Property	A	1	1		Y	Specify **1** if the asset is Gulf Zone property; otherwise, specify **0**.
AFEOGD	Gulf Zone Elect Out Bonus	A	1	1		Y	Specify **0** to not elect out of the special depreciation allowance due to Gulf Zone Act of 2005 for Gulf Zone property. Specify **1** to elect out of the special depreciation allowance.

Asset Maintenance file, FAPAM

FAPAM
Asset Maintenance file

Field name	Field description	Type	Byte	Len	Dec	Req	Comments
AMASSN	Internal Asset#	P	5	9	0	Y	Move the value from ABASSN to this field. The internal asset number is the link between all the asset data files.
AMCO	Company	A	3	3		Y	Move the value from ABCO to this field.
AMMCUR	Maintenance Current Cost	P	8	15	2	N	Specify the current period cost of maintenance for the asset.
AMMYTD	Maintenance YTD Cost	P	8	15	2	N	Specify the year-to-date cost of maintenance for the asset.
AMMLTD	Maintenance Life to Date	P	8	15	2	N	Specify the life-to-date cost of maintenance for the asset.
AMMFRE	Maintenance Frequency	A	20	20		N	Specify the frequency of maintenance performed for the asset, such as monthly, yearly.
AMMDTH	Maintenance Last Date (HYF)	S	6	6	0	N	Specify the last date of maintenance using the hundred-year format (HYF). Call the Infinium AM Date Processor, AMGCDATE, to perform the date conversion.
AMMDT8	Maintenance Last Date (8-character format)	P	5	8	0	N	Specify the last date of maintenance using an 8-character format, such as MMDDYYYY.
AMMDTE	Maintenance Last Date (10-character format)	A	10	10		N	Specify the last date of maintenance using a 10-character format, such as MM/DD/YYYY.

FAPAM
Asset Maintenance file

Field name	Field description	Type	Byte	Len	Dec	Req	Comments
AMMEXH	Maintenance Expiration Date (HYF)	S	6	6	0	N	Specify the date that the maintenance contract expires using the hundred-year format (HYF). Call the Infinium AM Date Processor, AMGCDATE, to perform the date conversion.
AMMEX8	Maintenance Expiration Date (8-character)	P	5	8	0	N	Specify the date that the maintenance contract expires for the asset using an 8-character format, such as MMDDYYYY.
AMMEXE	Maintenance Expiration Date (10-character)	A	10	10		N	Specify the date that the maintenance contract expires for the asset using a 10-character format, such as MM/DD/YYYY.
AMCONT	Maintenance Contract	A	30	30		N	Specify the maintenance contract number.
AMLIFE	Maintenance Life	P	3	4	0	N	Specify the life of the maintenance contract in the YYMM format, in which Y is years and M is months (periods). For example, 0500 is 5 years and no months.
AMAFLG	Activity Flag	A	1	1		Y	Initialize this field to **blank**. A value of **blank** indicates that this is the active record for the asset, not a history record. If you perform asset transactions or maintenance, the system creates a copy of the asset record and places a history flag in this field. The history record reflects the status of the asset before you performed the transactions or maintenance.
AMSETH	Date Changed	S	6	6	0	Y	Specify the date that you convert the asset using the hundred-year format (HYF). Call the Infinium AM Date Processor, AMGCDATE, to perform the date conversion.

FAPAM
Asset Maintenance file

Field name	Field description	Type	Byte	Len	Dec	Req	Comments
AMTIME	Time Changed	S	6	6	0	Y	Specify the system time that you convert the asset. This value must be in the HHMMSS format.
AMWSID	Work Station	A	10	10		Y	Specify the word **CONVERTED**.
AMUSID	User Profile	A	10	10		Y	Specify the word **CONVERTED**.

Asset Insurance file, FAPAI

FAPAI
Asset Insurance file

Field name	Field description	Type	Byte	Len	Dec	Req	Comments
AIASSN	Internal Asset#	P	5	9	0	Y	Move the value from ABASSN to this field. The internal asset number is the link between all the asset data files.
AICO	Company	A	3	3		Y	Move the value from ABCO to this field.
AIINSA	Ins. Appraised Amt	P	8	15	2	N	Specify the appraised value of the asset for insurance purposes.
AIINSC	Insurance Class	A	20	20		N	Specify the name of the insurance class for the asset. You must first have a valid code value for the insurance class.
AIINSE	Insurance Exclus Amt	P	8	15	2	N	Specify the amount, if any, to be excluded from the insurance revaluation process.
AIINSL	Insurance Life, AKLIFE	P	3	4	0	N	Specify the life of the asset for insurance purposes in the YYMM format, in which Y is years and M is months (periods). For example, 0500 is 5 years and no months.
AIINSR	Insurance Replacement Value	P	8	15	2	N	Specify **0**.
AIINSSY	Insurance Year, AKIYR	P	3	4	0	N	Specify the year that the asset was placed in service.
AICARR	Insurance Carrier	A	30	30		N	Specify the name of the insurance carrier that holds the insurance policy for the asset.
AIPLCY	Insurance Policy	A	30	30		N	Specify the insurance policy number.
AICASH	Actual Cash Value	P	8	15	2	N	Specify the actual cash value of the asset.

FAPAI
Asset Insurance file

Field name	Field description	Type	Byte	Len	Dec	Req	Comments
AICODE	Revaluation Class	A	2	2		N	Specify the revaluation class for the asset. This class identifies the table of indices that the system uses to calculate the revalued cost of the asset for insurance purposes.
AIBAS	Insurance Cost Basis	P	8	15	2	N	Specify the original cost basis of the asset.
AIIYR	Revalued Year	P	3	4	0	N	Specify **0**.
AINDX	Index Value	P	3	5	1	N	Specify **0**.
AIAFLG	Activity Flag	A	1	1		Y	Initialize this field to **blank**. A value of **blank** indicates that this is the active record for the asset, not a history record. If you perform asset transactions or maintenance, the system creates a copy of the asset record and places a history flag in this field. The history record reflects the status of the asset before you performed the transactions or maintenance.
AISETH	Date Changed	S	6	6	0	Y	Specify the date that you convert the asset using the hundred-year format (HYF). Call the Infinium AM Date Processor, AMGCDATE, to perform the date conversion.
AITIME	Time Changed	S	6	6	0	Y	Specify the system time that you convert the asset. This value must be in the HHMMSS format.
AIWSID	Work Station	A	10	10		Y	Specify the word **CONVERTED**.
AIUSID	User Profile	A	10	10		Y	Specify the word **CONVERTED**.

Project Accounting Segment file, FAPAY

FAPAY
Project Accounting Segment file

Field name	Field description	Type	Byte	Len	Dec	Req	Comments
AYASSN	Internal Asset#	P	5	9	0	Y	Move the value from ABASSN to this field. The internal asset number is the link between all the asset data files.
AYCO	Company	A	3	3		Y	Move the value from ABCO to this field.
AYCPSH	Project Accounting Start Date (HYF)	S	6	6	0	N	Specify the date that the project started for the asset using the hundred-year format (HYF). Call the Infinium AM Date Processor, AMGCDATE, to perform the date conversion.
AYCPS8	Project Accounting Start Date (8-character format)	P	5	8	0	N	Specify the date that the project started for the asset using an 8-character format, such as MMDDYYYY.
AYCPSE	Project Accounting Start Date (10-character format)	A	10	10		N	Specify the date that the project started for the asset using a 10-character format, such as MM/DD/YYYY.
AYCBUD	Project Accounting Budgeted	P	5	8	0	N	Specify the amount budgeted for the project.
AYCPEH	Project Accounting Completed Date (HYF)	S	6	6	0	N	Specify the date that the project was completed for the asset using the hundred-year format (HYF). Call the Infinium AM Date Processor, AMGCDATE, to perform the date conversion.
AYCPE8	Project Accounting Completed Date (8-character format)	P	5	8	0	N	Specify the date that the project was completed for the asset using an 8-character format, such as MMDDYYYY.

FAPAY
Project Accounting Segment file

Field name	Field description	Type	Byte	Len	Dec	Req	Comments
AYCPEE	Project Accounting Completed Date (10-character format)	A	10	10		N	Specify the date that the project was completed for the asset using a 10-character format, such as MM/DD/YYYY.
AYPROJ	Project Accounting Project Number	A	20	20		N	Specify the project identification value.
AYAFLG	Activity Flag	A	1	1		Y	Initialize this field to **blank**. A value of **blank** indicates that this is the active record for the asset, not a history record. If you perform asset transactions or maintenance, the system creates a copy of the asset record and places a history flag in this field. The history record reflects the status of the asset before you performed the transactions or maintenance.
AYSETH	Date Changed	S	6	6	0	Y	Specify the date that you convert the asset using the hundred-year format (HYF). Call the Infinium AM Date Processor, AMGCDATE, to perform the date conversion.
AYTIME	Time changed	S	6	6	0	Y	Specify the system time that you convert the asset. This value must be in the HHMMSS format.
AYWSID	Work station ID	A	10	10		Y	Specify the word **CONVERTED**.
AYUSID	User profile	A	10	10		Y	Specify the word **CONVERTED**.
AYPACO	Project Company	A	5	5		N	Initialize this field to **blank**. This field is not currently used.
AYSUBP	Sub-Project	A	5	5		N	Initialize this field to **blank**. This field is for future use.
AYACTN	Activity number	A	29	29		N	Used with Infinium PA for storing activity number. Initialize this field to **blank**.

FAPAY
Project Accounting Segment file

Field name	Field description	Type	Byte	Len	Dec	Req	Comments
AYPDSC	Project description	A	30	30		N	The system provides this field for Project description.
AYAU01	User alpha field 1	A	10	10		N	Specify a value for this field. Alpha fields can be 10-characters in length. This field is not a required field.
AYAU02	User alpha field 2	A	10	10		N	Specify a value for this field. Alpha fields can be 10-characters in length. This field is not a required field.
AYAU03	User alpha field 3	A	10	10		N	Specify a value for this field. Alpha fields can be 10-characters in length. This field is not a required field.
AYNU01	User numeric field 1	P	8	15	2	N	Specify a 15.2 numeric value for this field. This field is not a required field.
AYDH01	User date field 1 (HYF)	S	6	6	0	N	Specify the date using the hundred-year format (HYF). Call the Infinium AM Date Processor, AMGCDATE, to perform the date conversion.
AYD801	User date field 1 (8 digit)	P	5	8	0	N	Specify the date using an 8-character format, such as MMDDYYYY.
AYDE01	User date field 1 (8 Edited)	A	10	10		N	Specify the date using a 10-character format, such as MM/DD/YYYY.

Asset Retirements file, FAPAR

We strongly recommend that you do not convert retired assets. However, if you do decide to convert retired assets and if you are converting midway through the year, you should convert your current year retirements as active assets and then retire these assets interactively in Infinium FA.

FAPAR
Asset Retirement file

Field name	Field description	Type	Byte	Len	Dec	Req	Comments
ARASSN	Internal Asset#	P	5	9	0	Y	Move the value from ABASSN to this field. The internal asset number is the link between all the asset data files.
ARCO	Company	A	3	3		Y	Move the value from ABCO to this field.
ARBOOK	Book Name	A	10	10		Y	Specify the name of the retirement book for which you are creating retirement data. FAPAR holds the retirement records for all books.
ARREMV	Removal Cost	P	8	15	2	N	Specify the cost of removing the asset from service, if the cost is accumulated. This cost amount reduces the amount of proceeds in the calculation of gain and loss.
ARRET	Retirement Code	A	10	10		Y	You can assign a code value with a code type of **RET** to describe the reason for retiring the asset. The system edits these user-defined values against the Code Values file, FAPCV.
ARRETH	Retirement Date (HYF)	S	6	6	0	Y	Specify the retirement date using the hundred-year format (HYF). Call the Infinium AM Date Processor, AMGCDATE, to perform the date conversion.
ARRET8	Retirement Date (8 Digit)	P	5	8	0	Y	Specify the retirement date using an 8-character format, such as MMDDYYYY.

FAPAR
Asset Retirement file

Field name	Field description	Type	Byte	Len	Dec	Req	Comments
ARRETE	Retirement Date (Edit)	A	10	10		Y	Specify the retirement date using a 10-character format, such as MM/DD/YYYY.
ARRYR	Effective Retirement Year	P	3	4	0	Y	Specify **blank**. FAGBNT derives the value from the retirement date and applicable convention for the asset.
ARRMO	Effective Retirement Period	P	2	2	0	Y	Specify **blank**. FAGBNT derives the value from the retirement date and applicable convention for the asset.
ARRSHRT	Short Taxable Year?	P	1	1	0	Y	Specify **blank**. FAGBNT derives the value from the retirement date and applicable convention for the asset.
ARREPR	Retirement Proceeds	P	8	15	2	N	Specify the amount of proceeds received on the sale of the asset.
ARULIFE	# Units in Life of Asset	P	6	10	0	N	If the asset uses a units of production depreciation method, specify the total units in the life of the asset; otherwise, specify **0**.
ARUPRD	# Units Produced L.T.D.	P	6	10	0	N	If the asset uses a units of production depreciation method, specify the units used life-to-date through the date of retirement; otherwise, specify **0**.
ARUYTD	# Units Produced Y.T.D.	P	6	10	0	N	If the asset uses a units of production depreciation method, specify the units used year-to-date through the date of retirement; otherwise, specify **0**.
ARQUAN	Retirement Quantity	P	5	9		Y	Specify the number of items retired. This number cannot be less than **1**.
ARVOL	Voluntary - Invol Code					Y	If the retirement is voluntary, specify **1**. A voluntary retirement produces an ordinary gain or loss. If the retirement is involuntary, specify **0**. An involuntary retirement produces an extraordinary gain or loss.

FAPAR
Asset Retirement file

Field name	Field description	Type	Byte	Len	Dec	Req	Comments
AREXGL	Extraordinary Gain/Loss	P	8	15	2	Y	If ARVOL is equal to **0**, specify the extraordinary gain or loss amount.
AROGL	Ordinary Gain/Loss Amt	P	8	15	2	Y	If ARVOL is equal to **1**, specify the ordinary gain or loss amount.
ARAGL	AMT Gain/Loss Amt	P	8	15	2	N	If AMT (Alternate Minimum Tax) applies to the asset, specify the amount of gain or loss; otherwise specify **0**.
AREGL	ACE Gain/Loss Amt	P	8	15	2	N	If ACE (Adjusted Current Earnings) applies to the asset, specify the amount of gain or loss; otherwise specify **0**.
ARCOST	Retirement Cost	P	8	15	2	Y	Specify the cost basis of the asset being retired.
ARDESC	Retirement Description	A	50	50		N	Specify the reason for the retirement.
ARARES	Accumulated Depreciation	P	8	15	2	Y	Specify the life-to-date accumulated depreciation for the asset through the date of retirement.
ARDYTD	Year to Date Depreciation	P	8	15	2	Y	If the asset is being retired in the current year, specify the year-to-date depreciation applicable to the current year through the date of retirement; otherwise, specify **0**.
ARAMIN	LTD AMT Depreciation	P	8	15	2	Y	Specify the AMT life-to-date depreciation through the date of retirement.
ARCUR	Add. Deprec. on Retirement	P	8	15	2	Y	Specify **0**.
AREAR	ACE Accumulated Reserve	P	8	15	2	N	Specify the life-to-date ACE depreciation through the date of retirement.

FAPAR
Asset Retirement file

Field name	Field description	Type	Byte	Len	Dec	Req	Comments
AREYTD	ACE YTD Depreciation	P	8	15	2	N	If the asset is being retired in the current year, specify the ACE year-to-date depreciation applicable to the current year through the date of retirement; otherwise, specify **0**.
ARREDU	Depreciable Basis	P	8	15	2	Y	Specify the depreciable basis for the asset being retired.
ARPRES	Prorated Accum. Reserve	P	8	15	2	Y	Specify **0**.
ARPYTD	Prorated YTD Depreciation	P	8	15	2	Y	Specify **0**.
ARPCUR	Prorated Current Deprec	P	8	15	2	Y	Specify **0**.
ARRITC	Recaptured ITC	P	8	15	2	N	Specify any applicable ITC (investment tax credit) recapture amount for this retirement.
ARBEXP	Recaptured Section 179	P	8	15	2	N	Specify any applicable Section 179 recapture amount for this retirement.
ARLDYR	Retirement Posting Year	P	3	4	0	Y	Specify **0**.
ARLDSY	Short Taxable Year?	P	1	1	0	Y	Specify **0**.
ARLDMO	Retirement Posting Period	P	2	2	0	Y	Specify **0**.

FAPAR
Asset Retirement file

Field name	Field description	Type	Byte	Len	Dec	Req	Comments
ARAFLG	Activity Flag	A	1	1		Y	Initialize this field to **blank**. A value of **blank** indicates that this is the active record for the asset, not a history record. If you perform asset transactions or maintenance, the system creates a copy of the asset record and places a history flag in this field. The history record reflects the status of the asset before you performed the transactions or maintenance.
ARGFLG	GL Activity Flag	A	1	1		Y	Initialize this field to **blank**. The system uses this flag to generate journal entries if the entity controls, company controls, accounting locations and assets are set up to pass journal entries to a general ledger system.
ARDFLG	Depreciate Flag	A	1	1		Y	Initialize this field to **blank**.
ARACYR	Accounting Year	P	3	4	0	Y	Specify the year that you posted the retirement to the general ledger.
ARACSY	Short Taxable Year?	P	1	1	0	Y	Specify the short year that you posted the retirement to the general ledger.
ARACMO	Accounting Period	P	2	2	0	Y	Specify the period that you posted the retirement to the general ledger.
ARSALV	Reduction of Salvage	P	8	15	2	Y	Specify **0**.
AREXRT	Extraordinary Retirement?	A	1	1		Y	If the retirement was extraordinary (ARVOL equal to **0**), specify **1**; otherwise, specify **0**.
ARSETH	Date Changed	S	6	6	0	Y	Specify the date that you convert the asset using the hundred-year format (HYF). Call the Infinium AM Date Processor, AMGCDATE, to perform the date conversion.

FAPAR
Asset Retirement file

Field name	Field description	Type	Byte	Len	Dec	Req	Comments
ARTIME	Time Changed	S	6	6	0	Y	Specify the system time that you convert the asset. This value must be in the HHMMSS format.
ARWSID	Work Station	A	10	10		Y	Specify the word **CONVERTED**.
ARUSID	User Profile	A	10	10		Y	Specify the word **CONVERTED**.
ARRTAB	Retirement Table	A	10	10		N	Specify **blank**.
ARADD2	Addtnl Deprec 1970 - 1975	P	8	15	2	Y	If the asset is real property, specify the depreciation expense for years 1970 through 1975.
ARADD3	Addtnl Deprec 1975 ->	P	8	15	2	Y	If the asset is real property, specify the depreciation expense for years 1976 through the date of retirement.
ARYMIN	YTD AMT Depreciation	P	8	15	2	N	If the asset is being retired in the current year, specify the AMT year-to-date depreciation applicable to the current year through the date of retirement; otherwise, specify **0**.
ARRJCB	Bonus Depreciation Recapture	P	8	15	2	N	Specify the applicable bonus depreciation recapture amount for this retirement.

Notes