# ANALYZER RENTAL APARTMENT BUILDING EXAMPLE USA USA

#### INTRODUCTION

This example shows how to use Analyzer to determine the value or purchase price for a rental apartment building.

The owner has provided the 2006 Income & Expenses statement. Next year you anticipate that the rents will increase but feel the expenses provided by the owner for 2006 are understated.

#### STEPS

Enter the information into the following folders;

- Project Info Folder Basic property information such as Property Name, Number of Units etc
   Financing Folder
  - Used to set up the financing
- 3. Rental Units Income Used to enter the rental income
- 4. **Rental Units Expenses** Used to enter the operating expenses

#### QUESTION

How much should the buyer pay for the property using next years projected income & expenses to achieve a 7.50% Cap Rate? This question can be answered using the "Goal Seeking" wizard.

## **PROJECT INFO. Folder**

Property Name: The Georgia Description: 79 Unit Apartment Building Total Rentable Area Units: 58,000 Sq. Ft Total Number of Units: 79 Purchase Price: \$8,000,000 (The asking price) Acquisition Costs: 2.00% of the Purchase Price Column 1 Header: 2005 from Owner Column 2 Header: 2006 Forecasted

#### **FINANCING Folder**

#### **First Mortgage**

Mortgage Description: First Mortgage Lender: USA Bank Amount: \$3,700,000 Interest Rate: 7.00% Amortization: 25 years

## **RENTAL UNITS INCOME Folder**

The tenancy information and rental income and Vacancy are provided by the owner are entered in Column No. Column No. 2 is your projected expenses for ;

	Column 1 2006		Column 2 2007 Projected			
Tenancy	Income	Vacancy	Income	Vacancy & Credit Loss		
4 Studios	\$650 per Unit per Mo	2.00%	\$670 per Unit per Mo	4.00%		
58 One Bedrooms	\$810 per Unit per Mo	3.50%	\$820 per Unit per Mo	4.00%		
11 Two Bedrooms	\$975 per Unit per Mo	3.50%	\$1,025 per Unit per Mo	4.00%		
4 Three Bedrooms	\$1,050 per Unit per Mo	4.00%	\$1,100 per Unit per Mo	4.00%		
79 Laundry	\$12 per Unit per Mo	3.70%	\$13 per Unit per Mo	4.00%		
81 Parking	\$30 per Parking Space per Mo	0.00%	\$33 per Parking Space per Mo	4.00%		

## **RENTAL UNITS EXPENSES Folder**

The expenses paid by the owner are:

Expenses	Column 1 2006	Column 2 2007 Projected
Accounting and Legal	\$2,000 per Yr	\$6,000 per Yr
Advertising	\$2,500 per Yr	\$7,000 per Yr
Licenses and Permits	\$2,100 per Yr	\$2,500 per Yr
Insurance	\$9,000 per Yr	\$14,000 per Yr
Prop. Management	4.00% of Effective Gross Income	5.00% of Effective Gross Income
Salary, Res. Caretaker	\$1,750 per Mo	\$2,600 per Mo
Property Taxes	\$21,000 per Yr	\$29,000 per Yr
Maintenance & Repairs	\$210 per Unit x Total No. of Units per Yr	\$500 per Unit x Total No. of Units per Yr
Elevator Service	\$400 per Mo	\$700 per Mo
Utilities	\$350 per Unit x Total No. of Units per Yr	\$425 per Unit x Total No. of Units per Yr
Supplies	\$200 per Mo	\$250 per Mo
Garbage Collection	\$60 per Unit x Total No. of Units per Yr	\$90 per Unit x Total No. of Units per Yr
Other Expenses	\$30 per Unit x Total No. of Units per Mo	\$120 per Unit x Total No. of Units per Mo

## INSTRUCTIONS FOR ENTERING THE PROJECT INTO ANALYZER EXPRESS

#### **Getting started**

The first step is to open the Analyzer Template "Rental Apartment Buildings" as follows:

- 1. Open Analyzer Express.
- 2. Select the New Project Folder then select the "Rental Apartment Buildings" template

#### Entering the project data and information

#### **PROJECT INFO Folder entries**

- 1. Enter Property Name: The Georgia
- 2. Enter Description: 79 Unit Apartment Building
- 3. Enter Total Rentable Area Units: 58,000 Sq. Ft
- 4. Enter Purchase Price: \$8,000,000 (The asking price)
- 5. Enter Acquisition Costs: 2.00% of the Purchase Price
- 6. Enter Column 1 Header: 2005 from Owner
- 7. Enter Column 2 Header: 2006 Forecasted

#### The Project Info folder should look like this;

Project Info.	Financing	Rental Units Income	Rental Units Expenses
Info.         Report Headers         Property Name       The         Description       79 U         Total Purchase Price         Purchase Price       Acquisition Costs         Total Purchase Price       Image: Cost of the second secon	Georgia Jnit Apartment Building \$ 8,000,000 2.00% % of Purchase Price \$ 8,160,000 Select	Income Unit of Measur Land Area Frontage Building Area Total Rentable Units	Expenses  Expenses  Expenses  Expenses  Expenses  Sq. Ft  Ft  Sq. Ft  Change Unit of Measure  Area  58,000 Sq. Ft
Time Period and Column H Number of Months Column 1 12 Column 2 12 Calculate Financial Measu © Potential Gross Income © Effective Gross Income	Leaders Column Heading 2005 from Owner 2006 Forecasted res based on	Total Number o	of Units 79 🗲

## **FINANCING Folder entries**

#### **First Mortgage**

Mortgage Description: First Mortgage Lender: USA Bank Amount: \$3,700,000 Interest Rate: 7.00% Amortization: 25 years

- 1. Select row 1
- 2. Enter Description: 'First Mortgage'
- 3. Select row 2 with description 'Second Mortgage'
- 4. Press the Delete button to remove the row

Enter the First Mortgage information as follows;

Mortgage Description	Lender	Amount	Interest Rate	Amortization Period [Yrs.]	Monthly Payment	Balloon Term Expiry Date
First Mortgage 🚽	USA Bank 🗲 🗕				🗶 \$ 0.00	
To cal	culate payment cl	ick on the "Cal	culate Pay	ment" button	$\langle \rangle$	
			Total	\$ 3,700,000		\$ 0.00
	Add	Insert	Delete	Move	Calculate	e Payment

To calculate the monthly payment click on the "Calculate Payment" button to display the Monthly Payment calculator

Monthly Payment Calculator	×				
Mortgage Description Amount Nominal Annual Interest Rate Amortization Period	First Mortgage \$ 3,700,000 7.000% 25 Years				
<b>Mortgage Settings</b> Payment made at Compounding Frequency	End of Period  Monthly				
Monthly Payment \$ 26,150.83 ← Answer Click on the "Compute" button then the "OK" button					

To calculate monthly payment click on the "Compute" button and then the OK button.

The monthly mortgage payment has been calculated and transferred to the Financing tab

The completed entries for the "First Mortgage" are;

Mortgage Description	Lender	Amount	Interest Rate	Amortization Period [Yrs.]	Monthly Payment	Balloon Term Expiry Date
First Mortgage	USA Bank	\$ 3,700,000	7.000%	25	<b>\$ 26,150.83</b>	

#### **RENTAL UNITS INCOME Folder**

	Column 1 2006		Column 2 207 Forecasted		
Tenancy	Income	Vacancy	Income	Vacancy & Credit Loss	
4 Studios	\$650 per Unit per Mo	2.00%	\$670 per Unit per Mo	4.00%	
58 One Bedrooms	\$810 per Unit per Mo	3.50%	\$820 per Unit per Mo	4.00%	
11 Two Bedrooms	\$975 per Unit per Mo	3.50%	\$1,025 per Unit per Mo	4.00%	
4 Three Bedrooms	\$1,050 per Unit per Mo	4.00%	\$1,100 per Unit per Mo	4.00%	
79 Laundry	\$12 per Unit per Mo	3.70%	\$13 per Unit per Mo	4.00%	
81 Parking	\$30 per Parking Space per Mo	0.00%	\$33 per Parking Space per Mo	4.00%	

The Rental Units Income folder should appear like this;

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Project Info.	Financing	Rental Unit Income	s Ì		Rental Units Expenses	Ì
		, r	2005 From 0	wner	2006 Forec	asted
Income Description	Entry Choice	Qty	Income	Vac & Cr. Loss	Income	Vac & Cr. Loss
Studios	\$ per Unit per Mo	<u>√</u> 0	\$0	0.00%	\$0	0.00%
One Bedrooms	\$ per Unit per Mo	<u> </u>	\$0	0.00%	\$0	0.00%
Two bedrooms	\$ per Unit per Mo	<b>N</b> 0	\$0	0.00%	\$0	0.00%
Three Bedrooms	\$ per Unit per Mo	0 🗵	\$0	0.00%	\$0	0.00%
Laundry	\$ per Unit per Mo	<u> </u>	\$0	0.00%	\$0	0.00%
Parking	\$ per Parking Space per Mo	. 0	\$ 0.00	0.00%	\$ 0.00	0.00%
Other Income	\$ per Unit per Mo	<b>I</b> 0	\$0	0.00%	\$0	0.00%
Add Insert Delete Move						
Comments						
Template: Rental Apartment Buildings						

- 1. Select row with Description 'Other Income'
- 2. Press the Delete button to delete the row

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1	1		, F	2005 from O	wner	2006 Forec	asted
Income Description	Entry Choice		Gty	Income	Vac & Cr. Lot	Income	Vac & Cr. Loss
Studios	\$ per Unit per Mo	×	4	\$ 650	2.00%	\$ 670	0.00%
One Bedrooms	\$ per Unit per Mo	*	58	\$810	3.50%	\$ 820	0.00%
Two bedrooms	\$ per Unit per Mo	×	11	\$ 975	3.50%	\$1,025	0.00%
Three Bedrooms	\$ per Unit per Mo	×	4	\$1,050	4.00%	\$1,100	0.00%
Laundry	\$ per Unit per Mo	-	79	\$12	3.70%	\$13	0.00%
Parking	\$ per Parking Space per Mo	*	81	\$ 30.00	0.00%	\$ 33.00	0.00%
Add Insert Delete Move  Comments							

The next step is to enter the data into the Rental Units Income folder.

Enter the data as shown above into the columns marked with a black arrow. The final column with the header 'Vac & Cr. Loss' all the figures in the column are the same so they can be entered in a simpler fashion using "Fill Down"

Entering the Vac. & Cr. Loss

- 1. Select row 1 in the final column with entry '0.00%'
- 2. Enter: '4.00%'
- 3. Starting with row 1 highlight the Vac. & Cr. Loss Column

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Income Description	Entry Choice	Qty	Income	Vac & Cr.Loss	Income	Vac & Cr. Loss
Studios	\$ per Unit per Mo 🗾 💌	4	\$ 650	2.00%	\$ 670	4.00%
One Bedrooms	\$ per Unit per Mo	58	\$ 810	3.50%	\$ 820	0.00%
Two bedrooms	\$ per Unit per Mo	11	\$ 975	3.50%	\$1,025	0.00%
Three Bedrooms	\$ per Unit per Mo	4	\$1,050	4.00%	\$1,100	0.00%
Laundry	\$ per Unit per Mo	79	\$12	3.70%	\$13	0.00%
Parking	\$ per Parking Space per Mo	81	\$ 30.00	0.00%	\$ 33.00	0.00%

4. <u>Go to the 'Edit' menu and select 'Fill Down' or simply hit the</u> button.





The Rental Units Income folder should now look like this;

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Income Description	Entry Choice		Qty	Income	Vac & Cr. Loss	Income	Vac & Cr. Loss
Studios	\$ per Unit per Mo	<u>-</u>	4	\$ 650	2.00%	\$ 670	4.00%
One Bedrooms	\$ per Unit per Mo	*	58	\$ 810	3.50%	\$ 820	4.00%
Two bedrooms	\$ per Unit per Mo	-	11	\$ 975	3.50%	\$1,025	4.00%
Three Bedrooms	\$ per Unit per Mo	<u>×</u>	4	\$1,050	4.00%	\$1,100	4.00%
Laundry	\$ per Unit per Mo	-	79	\$12	3.70%	\$13	4.00%
Parking	\$ per Parking Space per Mo	¥	81	\$ 30.00	0.00%	\$ 33.00	4.00%
Add Insert Delete Move							
						Comm	ients
Template: Rental Apartment Buildings							

## **RENTAL UNITS EXPENSES Folder**

Expenses	Column 1	Column 2
Accounting and Legal	\$2,000 per Yr	\$6,000 per Yr
Advertising	\$2,500 per Yr	\$7,000 per Yr
Licenses and Permits	\$2,100 per Yr	\$2,500 per Yr
Insurance	\$9,000 per Yr	\$14,000 per Yr
Prop. Management	4.00% of Effective Gross Income	5.00% of Effective Gross Income
Salary, Res. Caretaker	\$1,750 per Mo	\$2,600 per Mo
Property Taxes	\$21,000 per Yr	\$29,000 per Yr
Maintenance & Repairs	\$210 per Unit x Total No. of Units per Yr	\$500 per Unit x Total No. of Units per Yr
Elevator Service	\$400 per Mo	\$700 per Mo
Utilities	\$350 per Unit x Total No. of Units per Yr	\$425 per Unit x Total No. of Units per Yr
Supplies	\$200 per Mo	\$250 per Mo
Garbage Collection	\$60 per Unit x Total No. of Units per Yr	\$90 per Unit x Total No. of Units per Yr
Other Expenses	\$30 per Unit x Total No. of Units per Mo	\$120 per Unit x Total No. of Units per Mo

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Property Taxes\$ per Yr×\$ 0\$ 0Maintenance & Repairs\$ per Unit x Total No.of Units per Mo79\$ 0\$ 0Elevator service\$ per Mo×\$ 0\$ 0Fire Safety System service\$ per Mo×79\$ 0Utilities\$ per Unit x Total No.of Units per Mo×79\$ 0Security Services\$ per Mo×79\$ 0\$ 0Supplies\$ per Mo×\$ 0\$ 0\$ 0Intercom Rental\$ per Mo×\$ 0\$ 0\$ 0Cablevision\$ per Mo×\$ 0\$ 0\$ 0Garbage Collection\$ per Unit x Total No.of Units per Mo×79\$ 0\$ 0Other Expenses\$ per Unit x Total No.of Units per Mo×\$ 0\$ 0\$ 0Other Expenses\$ per Unit x Total No.of Units per Mo×79\$ 0\$ 0Other Expenses\$ per Unit x Total No.of Units per Mo×79\$ 0\$ 0Other Expenses\$ per Unit x Total No.of Units per Mo×79\$ 0\$ 0	Employee Benefits	\$ per Mo	<u> </u>	\$0	\$0							
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Fire Safety System service       \$ per Mo       \$ 0       \$ 0         Utilities       \$ per Unit x Total No.of Units per Mo       79       \$ 0       \$ 0         Security Services       \$ per Mo       \$ 0       \$ 0       \$ 0         Supplies       \$ per Mo       \$ 0       \$ 0       \$ 0         Intercom Rental       \$ per Mo       \$ 0       \$ 0       \$ 0         Telephone       \$ per Mo       \$ 0       \$ 0       \$ 0         Cablevision       \$ per Mo       \$ 0       \$ 0       \$ 0         Garbage Collection       \$ per Unit x Total No.of Units per Mo       \$ 79       \$ 0       \$ 0         Other Expenses       \$ per Unit x Total No.of Units per Mo       \$ 79       \$ 0       \$ 0	Elevator service	\$ per Mo	<u> </u>	\$0	\$0							
Utilities       \$ per Unit x Total No.of Units per Mo       79       \$0       \$0         Security Services       \$ per Mo       \$0       \$0       \$0         Supplies       \$ per Mo       \$0       \$0       \$0         Intercom Rental       \$ per Mo       \$0       \$0       \$0         Telephone       \$ per Mo       \$0       \$0       \$0         Cablevision       \$ per Mo       \$0       \$0       \$0         Garbage Collection       \$ per Unit x Total No.of Units per Mo       \$79       \$0       \$0         Other Expenses       \$ per Unit x Total No.of Units per Mo       \$79       \$0       \$0	Fire Safety System service	\$ per Mo	<u></u>	\$0	\$0							
Security Services       \$ per Mo       \$ 0       \$ 0         Supplies       \$ per Mo       \$ 0       \$ 0         Intercom Rental       \$ per Mo       \$ 0       \$ 0         Telephone       \$ per Mo       \$ 0       \$ 0         Cablevision       \$ per Mo       \$ 0       \$ 0         Garbage Collection       \$ per Unit x Total No.of Units per Mo       \$ 79       \$ 0       \$ 0         Other Expenses       \$ per Unit x Total No.of Units per Mo       \$ 79       \$ 0       \$ 0	Utilities	\$ per Unit x Total No.of Units per Mo	<u>-</u> 79	\$0	\$0							
Supplies         \$ per Mo         \$ 0         <	Security Services	\$ per Mo	<u> </u>	\$0	\$0							
Intercom Rental         \$ per Mo         \$ 0	Supplies	\$ per Mo	<u></u>	\$0	\$0							
Telephone       \$ per Mo       \$ 0       \$ 0         Cablevision       \$ per Mo       \$ 0       \$ 0         Garbage Collection       \$ per Unit × Total No.of Units per Mo       79       \$ 0       \$ 0         Other Expenses       \$ per Unit × Total No.of Units per Mo       79       \$ 0       \$ 0	Intercom Rental	\$ per Mo	<u>_</u>	\$0	\$0							
Cablevision         \$ per Mo         \$ 0	Telephone	\$ per Mo	<u> </u>	\$0	\$0							
Garbage Collection \$ per Unit x Total No.of Units per Mo Y 79 \$0 \$0 Other Expenses \$ per Unit x Total No.of Units per Mo Y 79 \$0 \$0	Cablevision	\$ per Mo	<u>-</u>	\$0	\$0							
Other Expenses \$ per Unit x Total No.of Units per Mo 🗾 79 \$0 \$0	Garbage Collection	\$ per Unit × Total No.of Units per Mo	<u>-</u> 79	\$0	\$0							
	Other Expenses	\$ per Unit x Total No.of Units per Mo	<u> </u>	\$0	\$0							
Add Insert Delete Move		Add Insert Delete	Move	Ī	Comments							
Template: Rental Apartment Buildings		Te	mplate: Rental /	Apartment Buildings	Zounnents							

The Rental Units Expenses folder should appear like this;

Delete Select the following rows and press the 1. Employee Benefits button to delete the row

- Fire Safety System service
   Security Services
   Intercom Rental

- Telephone
   Cablevision

Setting up the Entry Choices for 'Maintenance & Repairs' and 'Utilities'

- 1. Select row with Description 'Maintenance & Repairs'
- 2. Select Entry Choice: '\$ per Unit x Total No. of Units per Yr'

Amount
Amount (Outside the NOI)
% of Effective Gross Income
% of Potential Gross Income
\$ per Unit per Mo
\$ per Unit per Yr
\$ per Mo
\$ per Yr
\$ per Sq. Ft. per Mo
\$ per Sq. Ft. per Yr
\$ per Unit x Total No.of Units per Mo
\$ per Unit x Total No.of Units per Yr
\$ per Unit of Total Rentable Area (Units) per Mo
\$ per Unit of Total Rentable Area (Units) per Yr
Edit list

- 3. Select row with Description 'Utilities'
- 4. Select Entry Choice: '\$ per Unit x Total No. of Units per Yr'
- 5. Select row with Description 'Garbage Collection'
- 6. Select Entry Choice: '\$ per Unit x Total No. of Units per Yr'

😥 Analyzer Pro 🛛 USA - Untitl	ed Project Pro		_		_ 🗆 🛛					
<u>F</u> ile <u>E</u> dit <u>R</u> eports <u>T</u> ools <u>U</u>	tilites <u>I</u> nvestit <u>H</u> elp									
	My Company Info.	Proper	ty Info. C	lient Info. Goal	Seeking Notes					
Project Info.	Financing	Re	ntal Units Income	Re E	ental Units Expenses					
Expenses										
Expenses	Entry Choice		Qty	2005 From Owner	2006 Forecasted					
Accounting and Legal	\$ per Yr	<u> </u>		\$0	\$0					
Advertising	\$ per Yr	-		\$0	\$0					
Licenses and Permits	\$ per Yr	×		\$0	\$0					
Insurance	\$ per Yr	-		\$0	\$0					
Prop. Management % of Effective Gross Income		-		0.00%	0.00%					
Salary, Res. Caretaker	\$ per Mo	*		\$0	\$0					
Property Taxes	\$ per Yr	-		\$0	\$0					
Maintenance & Repairs	\$ per Unit × Total No.of Units per Yr	<b>*</b>	79	\$0	\$0					
Elevator service	\$ per Mo	-		\$0	\$0					
Utilities	\$ per Unit × Total No.of Units per Yr	-	79	\$0	\$0					
Supplies	\$ per Mo	-		\$0	\$0					
Garbage Collection	\$ per Unit × Total No.of Units per Yr	-	79	\$0	\$0					
Other Expenses	\$ per Unit × Total No.of Units per Mo	-	79	\$0	\$0					
	Add Insert	Delete	Move	Ī						
					Comments					
		Temp	late: Rental A	partment Buildings						

The Rental Units Expenses folder should now look like this;

🖗 Analyzer Pro 🛛 USA - Renta	l Apartment Building Pro				_ 🗆 🛛
<u>F</u> ile <u>E</u> dit <u>R</u> eports <u>T</u> ools <u>U</u>	tilites <u>I</u> nvestit <u>H</u> elp				
D 🛩 🖬 🎒 👗 🖻	My Company Info.	Proper	ty Info. C	lient Info. Goal	Seeking Notes
Project Info.	Financing	Re I	ntal Units ncome	Re	ental Units Expenses
			Γ	Expe	nses 🚽
Expenses	Entry Choice		Qty	2005 from Owner	2006 Forecasted
Accounting and Legal	\$ per Yr	<u>_</u>		\$ 2,000	\$ 6,000
Advertising	\$ per Yr	<b>*</b>		\$ 2,500	\$ 7,000
Licenses and Permits	\$ per Yr	<u>*</u>		\$ 2,100	\$ 2,500
Insurance	\$ per Yr	<b>*</b>		\$ 9,000	\$14,000
Prop. Management	% of Effective Gross Income	*		4.00%	5.00%
Salary, Res. Caretaker	\$ per Mo	*		\$1,750	\$ 2,600
Property Taxes	\$ per Yr	-		\$ 21,000	\$ 29,000
Maintenance & Repairs	\$ per Unit × Total No.of Units per Yr	-	79	\$ 210	\$ 500
Elevator Service	\$ per Mo	-		\$ 400	\$ 700
Utilities	\$ per Unit × Total No.of Units per Yr	-	79	\$ 350	\$ 425
Supplies	\$ per Mo	-		\$ 200	\$ 250
Garbage Collection	\$ per Unit × Total No.of Units per Yr	-	79	\$ 60	\$ 90
Other Expenses	\$ per Unit × Total No.of Units per Mo	-	79	\$ 30	\$120
	Add Insert	Delete	Move	Ī	
					<u>C</u> omments
		Temp	late: Rental A	partment Buildings	

The next step is to enter the data into the Rental Units Income folder

Enter the data as shown in the above screenshot into the columns marked by a black arrow.

## SAVE YOUR PROJECT

## **GOAL SEEKING**

Goal Seeking allow you to determine the "Purchase Price" based on the desired return.

Using the "2006 Forecasted" Income & Expenses statement, how much should you pay for the property to achieve a 7.50% Cap Rate?

## Steps

- Goal Seeking button
- 1. Click on the 2. Enter 7.50% in the Cap Rate entry field

al Seeking Wizard						
Current Purchase Price	\$ 8,000,000					
Calculate the Purchase Price for						
		Purchase Price				
		Using Income <u>&amp;</u> Expenses				
		2005 from Ow 2006 Foreca				
Cap Rate	7.500%	\$ 8,181,160	\$ 6,224,293			
Return on Equity	\$ 0	\$ 0				
Potential Gross Income Multiplier	\$ 0	\$ 0				
Effective Gross Income Multiplier	\$ 0	\$ 0				
Net Income Multiplier	\$ 0	\$ 0				
Calculato Einancial Moasuros for						
Purchase Price \$ 8,00	Financial Measures					
Dion	Using Income <u>&amp;</u> Expenses					
Resu	lts	2005 from Owner	2006 Forecast			
Cap Rate	7.670%	5.835%				
Return on Equity	6.972%	3.558%				
Potential Gross Income Multiplier	9.821	9.576				
Effective Gross Income Multiplier	10.161	9.975				
Net Income Multiplier		13.038	17.137			
<u>o</u> k	<u>P</u> rint	<u>H</u> elp	]			

Answer: \$6,224,293

## Screenshots of Reports

## FINANCIAL MEASURES 1 & 2

COMPANY	<b>Financial Measure</b> The Georgia 79 Unit Apartment Buil	<b>≍</b> Iding
Purchase Price	\$ 8,000,000	
*Acquisition Costs	\$ 160,000	
* Total Purchase Price	\$ 8,160,000	
Financing Equity (Based on the Durchase Drice)	\$ 3,700,000 \$ 4,300,000	
Loan to Value Ratio	46.25%	
Units. Rentable Area (Sq. Ft)	58,000	
Number of Units	79	
Price per Sq. Ft	\$138	
Price per Unit	\$ 101,266	
	2005 from Owner	2006 Forecasted
Capitalization Rate (Using Purchase Price)	7.67% 🔶	5.84% 🔶
Potential Gross Income Multiplier (PGIM)	9.82	9.58
Effective Gross Income Multiplier (EGIM)	10.16	9.98
Net Income Multiplier (NIM)	13.04	17.14
Return on Equity (ROE)	5.97% 50.95%	3.50% 77.000
Default Ratio of Break-even (Using FGI) Default Ratio of Break-even (Using FGI)	59.05% 61.92%	77.00% 80.92% <b>4</b>
Debt Service Ratio	1.96	1.49
Income per Unit per Year (Using PGI)	\$ 10,311	\$10,574
Income per Unit per Month (Using PGI)	\$ 859	\$ 881
Income per Sq. Ft per Year (Using PGI)	\$ 14.04	\$14.40
Income per Sq. Ft per Month (Using PGI)	\$ 1.17	\$1.20
Operating Expense Ratio (Using PGI)	21.32%	40.12%
Operating Expense Ratio (Using EGI)	22.06%	41.79%
Operating Cost per Unit per Year	\$ 2,199	\$ 4,242
Operating Cost per Unit per Month	\$103 \$200	⊅ 354 © 570
Operating Cost per Sq. Ft per Tear Operating Cost per Sq. Ft per Month	\$ 0.25	\$0.48
operating over per eq. ( ) per month	÷ 0.20	¥ 0.10
* The Financial Measure calculations:		
a) Uses the Purchase Price not the Total Purch	ase Price which includes the	Acquisition costs
<ul> <li>b) Excludes income and Expenses not included</li> </ul>	In the Net Operating Income	

## **INCOME & EXPENSE STATEMENT**

Preview Income & Ex	pense Stater	nents 🛛 🔀
Report Settings		
Column     C One □ with Ratios	ОТwo	☞ One & Two
ок	Cancel	Help

COMPANY	,		<b>Income &amp; Expense Statement</b> The Georgia 79 Unit Apartment Building
		2005 from Owner (12 months)	2006 Forecasted (12 months)
	Quantity	,	,
Income			
Studios	4	\$ 31,200	\$ 32,160
OneBedrooms	58	563,760	570,720
Two bedrooms	11	128,700	135,300
Three Bedroom s	4	50,400	52,800
Laundry	79	11,376	12,324
Parking	81	29,160	32,076
Potential Gross Income		81 4,596	835,380
Less Vacancy and Credit Loss Allow.		27,297	33,415
Effective Gross Income		787,299	801,965
Operating Expenses.			
Accounting and Legal		2,000	6,000
Advertising		2,500	7,000
Licenses and Permits		2,100	2,500
Insurance		9,000	14,000
Prop. Management		31,492	40,098
Salary, Res. Caretaker		21,000	31,200
Property Taxes		21,000	29,000
Maintenance & Repairs		16,590	39,500
Elevator Service		4,800	8,400
Utilities		27,650	33,575
Supplies		2,400	3,000
Garbage Collection		4,740	7,110
Other Expenses		28,440	113,760_
Operating Expenses		173,712	335,143
Net Operating Income (NOI)		61 3,587	466,822
Less Debt Service		313,810	313,810_
CASH FLOW BEFORE TAX		299,777	153,012

## **INCOME & EXPENSE STATEMENT WITH RATIOS**

COMPANY		Income & Expense Statement The Georgia 79 Unit Apartment Building									June 26, 2008 Analyzer Pro Rental Apartment Building					
			2005 from Owner (12 months)								200	6 Forecasted	(12 months)			
		_			\$			\$		_			\$	\$		
				% of	per		pe	er Unit	or			% of	per	per Unit	or	
				EGI	Sq. Fi	t		Sq. Ft				EGI	Sq. Ft	Sq. Fi	t	
	Quantity	,														
Income																
Studios	4	\$	31,200	3.96%	-		\$	650	Am o	\$	32,160	4.01%	-	\$ 670	/m o	
On e Bedroom s	58		563,760	71.61%	-			810	/m o		570,720	71.17%	-	820	/m o	
Two bedrooms	11		128,700	16.35%	-			975	/m o		135,300	16.87%	-	1,025	/m o	
Three Bedroom s	4		50,400	6.40%	-			1,050	/m o		52,800	6.58%	-	1,100	/m o	
Laundry	79		11,376	1.44%	-			12	/m o		12,324	1.54%	-	13	/m o	
Parking	81		29,160	3.70%	-			30	Am o		32,076	4.00%	-	33	/m o	
Potential Gross Income			814,596	103.47%	1.17	/mo		859	/mo		835,380	104.17%	1.20 /mo	881	/mo	
Less: Vacancy and Credit Loss Allow.			27,297	3.47%	0.04	/m o		29	/m o	_	33,415	4.17%	0.05 /m o	35	<i>i</i> m o	
Effective Gross Income			787,299	100.00%	1.13	/mo		830	/mo		801,965	100.00%	1.15 /mo	846	/mo	
Operating Expenses.																
Accounting and Legal			2,000	0.25%	0.03	/yr		25	Ŋr		6,000	0.75%	0.10 /yr	76	Ŋr	
Advertising			2,500	0.32%	0.04	lyr		32	/yr		7,000	0.87%	0.12 /yr	89	/yr	
Licenses and Permits			2,100	0.27%	0.04	lyr		27	/yr		2,500	0.31%	0.04 /yr	32	Ŋr	
Insurance			9,000	1.14%	0.16	lyr		114	/yr		14,000	1.75%	0.24 /yr	177	Ŋr	
Prop. Management			31,492	4.00%	0.54	/yr		399	Λyr		40,098	5.00%	0.69 /yr	508	: Ar	
Salary, Res. Caretaker			21,000	2.67%	0.36	/yr		266	Ŋr		31,200	3.89%	0.54 /yr	395	Λr	
Property Taxes			21,000	2.67%	0.36	/yr		266	/yr		29,000	3.62%	0.50 /yr	367	hr	
Maintenance & Repairs			16,590	2.11%	0.29	lyr		210	Ŋ٣		39,500	4.93%	0.68 /yr	500	Ŋr	
Elevator Service			4,800	0.61%	0.08	Λyr		61	Ŋ٣		8,400	1.05%	0.14 /yr	106	Ŋr	
Utilities			27,650	3.51%	0.48	/yr		350	Λr		33,575	4.19%	0.58 /yr	425	Ŋr	
Supplies			2,400	0.30%	0.04	/yr		30	/yr		3,000	0.37%	0.05 /yr	38	: /yr	
Garbage Collection			4,740	0.60%	0.08	/yr		60	/yr		7,110	0.89%	0.12 /yr	90	) /yr	
Other Expenses			28,440	3.61%	0.49	/yr		360	/yr		113,760	14.19%	1.96 /yr	1,440	l /yr	
Operating Expenses			173,712	22.06%	3.00	/yr		2,199	Ŋт		335,143	41.79%	5.78 /yr	4,242	Ŋт	
Net Operating Income (NOI)			613,587	77.94%	10.58	lyr		7,767	lyr		466,822	58.21%	8.05 /yr	5,909	Ŋл	
Less: Debt Service		_	313,810	39.86%	5.41	/yr		0.45	/mo	_	313,810	39.13%	5.41 /yr	0.45	/yr	
CASH FLOW BEFORE TAX			299,777	38.08%	5.17	/yr		0.43	/mo		153,012	19.08%	2.64 Ayr	0.22	/mo	

## **GRAPH. INCOME DISTRIBUITION**



#### **GRAPH. COLUMN 1 & 2 COMPARISONS**

