

=====

DEPREC

=====

Original Cost >>>
Less: Grants and Allowances ... >>>
Equals: Depreciable Cost Base

Salvage Value >>>

Year of Purchase >>>
Month of Purchase >>>
Asset Life >>>
Declining Balance Rate (%) >>>
ACRS Recovery-Life Category ... >>>
1 = 3-year, 2 = 5-year, 3 = 10-year,
4 = 15-year utility, 5 = 15-year real.

STRAIGHT LINE DEPRECIATION SCHEDULE

Year
1984
1985
1986
1987
1988
1989

=====
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=====
Depreciation Schedules
=====

\$0.00

Depreciation	Accum. Depr.	Book Value
#NAME?	#VALUE!	#NAME?
#NAME?	#VALUE!	#NAME?
#NAME?	#VALUE!	#NAME?
#NAME?	#VALUE!	#NAME?
#NAME?	#VALUE!	#NAME?
#NAME?	#VALUE!	#NAME?

Sheet1

0	1	25%	15%
0	2	38%	22%
0	3	37%	21%
0	4		21%
0	5		21%
#NAME?	6		
3	7		
3	8		
	9		
	10		
0	11		
TRUE	12		
0	13		
0	14		
	15		
	16		

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SUM OF YEARS' DIGITS DEPRECIATION SCHEDULE

Year	Depreciation	Accum. Depr.	Book Value
1984	#NAME?	#VALUE!	#NAME?
1985	#NAME?	#VALUE!	#NAME?
1986	#NAME?	#VALUE!	#NAME?
1987	#NAME?	#VALUE!	#NAME?
1988	#NAME?	#VALUE!	#NAME?
1989	#NAME?	#VALUE!	#NAME?

Sheet1

8%	5%	12%	11%
14%	10%	10%	10%
12%	9%	9%	9%
10%	8%	8%	8%
10%	7%	7%	7%
10%	7%	6%	6%
9%	6%	6%	6%
9%	6%	6%	6%
9%	6%	6%	6%
9%	6%	5%	6%
	6%	5%	5%
	6%	5%	5%
	6%	5%	5%
	6%	5%	5%
	6%	5%	5%

DECLINING BALANCE DEPRECIATION SCHEDULE

Year	Depreciation	Accum. Depr.	Book Value
1984	#NAME?	#VALUE!	#NAME?
1985	#NAME?	#VALUE!	#NAME?
1986	#NAME?	#VALUE!	#NAME?
1987	#NAME?	#VALUE!	#NAME?
1988	#NAME?	#VALUE!	#NAME?
1989	#NAME?	#VALUE!	#NAME?

Sheet1

10%	9%	8%	7%
11%	11%	11%	11%
9%	9%	10%	10%
8%	8%	8%	8%
7%	7%	7%	7%
6%	6%	7%	7%
6%	6%	6%	6%
6%	6%	6%	6%
6%	6%	5%	6%
5%	6%	5%	5%
5%	5%	5%	5%
5%	5%	5%	5%
5%	5%	5%	5%
5%	5%	5%	5%
5%	5%	5%	5%
5%	5%	5%	5%
1%	1%	2%	2%

DECLINING BALANCE DEPRECIATION SCHEDULE
(With Crossover to Straight Line Depreciation)

Year	Depreciation	Accum. Depr.	Book Value
1984	#NAME?	#VALUE!	#NAME?
1985	#NAME?	#VALUE!	#NAME?
1986	#NAME?	#VALUE!	#NAME?
1987	#NAME?	#VALUE!	#NAME?
1988	#NAME?	#VALUE!	#NAME?
1989	#NAME?	#VALUE!	#NAME?

Sheet1

6%	5%	4%
11%	11%	11%
10%	10%	10%
9%	9%	9%
8%	8%	8%
7%	7%	7%
6%	6%	6%
5%	6%	6%
5%	5%	5%
5%	5%	5%
5%	5%	5%
5%	5%	5%
5%	5%	5%
5%	5%	5%
5%	5%	5%
5%	5%	5%
5%	5%	5%
3%	3%	4%

ACCELERATED COST RECOVERY SYSTEM (ACRS)

Year	Depreciation	Accum. Depr.
1984	#NAME?	#VALUE!
1985	#NAME?	#VALUE!
1986	#NAME?	#VALUE!

Sheet1

3%	2%	1%
11%	11%	12%
10%	10%	10%
9%	9%	9%
8%	8%	8%
7%	7%	7%
6%	6%	6%
6%	6%	6%
6%	6%	6%
5%	6%	5%
5%	5%	5%
5%	5%	5%
5%	5%	5%
5%	5%	5%
5%	5%	5%
4%	4%	5%

Book Value

#NAME?

#NAME?

#NAME?

Sheet1

(\$C\$9-\$C\$11)/\$C\$15*(13-\$C\$14)/12
@MIN((\$C\$9-\$C\$11)/\$C\$15,\$C\$9-\$C\$11-C25)
(\$C\$9-\$C\$11)*(13-\$C\$14)*(\$E\$3-E25)/12/\$E\$2
@MIN((\$C\$9-\$C\$11)*((13-\$C\$14)*(\$E\$3-E26)+(\$C\$14-1)*(\$E\$3-E25))/12/\$E\$2,\$C\$9-\$C\$11-G25
@MIN(\$C\$9-\$C\$11,\$C\$9*\$C\$16/100*(13-\$C\$14)/12)
@MIN(L25-\$C\$11,L25*\$C\$16/100)
@MIN(\$C\$9-\$C\$11,@MAX(\$C\$9*\$C\$16/100,(\$C\$9-\$C\$11)/\$C\$15)*(13-\$C\$14)/12)
@MIN(P25-\$C\$11,@MAX(P25*\$C\$16/100,(P25-\$C\$11)/((((\$C\$14-1)/12+\$E\$1-M26))))
\$C\$9*@VLOOKUP(Q25+1-\$C\$13,\$F\$1..\$V\$16,\$E\$5)
+C24+B25
+\$C\$9-C25

\O, \B, \M:
{home}/XMmenu~

)

MENU:
Input
Input Data
{home}/XMinputmenu~

INPUTMENU:
Cost
Enter Gross Asset Cost (Before Investment Tax Credits and Grants)
/XNAsset Cost: ~cost~
/XIcost<=(salvage+grants)~/XCbeep~/XGy12~
/XMinputmenu~

INPDATE:
Year
Enter Purchase Date Year
/XNPurchase Year (YYYY): ~year1~
/XI(year1<1900)#OR#(year1>2100)#OR#year1<>@int(year1)~/XCbeep~/XGy19~
/XMinputmenu~

BLANK:
No
Do not blank fields; Return to main menu.
/XMmenu~

BLANKCALC:
{goto}p25~/RE{bs}~{end}{left}{end}{down}~
{goto}t25~/RE{bs}~{end}{left}{end}{down}~
/XR

Sheet1

BEEP:
//{esc}/XR

Blank
Clear Input Fields
/XMblank~

Grants
Enter Investment Tax Credits and Grants (To Offset Against Purchase Price)
/XNGrants and Credits: ~grants~
/XI(grants<0)#OR#grants>=(cost-salvage)~/XCbeep~/XGz12~
/XMinputmenu~

Month
Enter Purchase Date Month
/XNPurchase Month (1-12): ~month1~
/XImonth1<>@choose(month1,@err,1,2,3,4,5,6,7,8,9,10,11,12)~/XCbeep~/XGz19~
/XMinputmenu~

Yes
Blank out all input fields and result areas.
/WGPD/REinput~
/XCblankcalc~
{goto}c9~+{up}{up}~{up}~
/WGPE{home}
/XMmenu~

Sheet1

Calc

Calculate Results

/XGcalc~

Results

Show Results

{home}

/XMresults~

Salvage

Enter Salvage Value of Asset at End of Life

/XNSalvage Value: ~salvage~

/XI(salvage<0)#OR#salvage>=(cost-grants)~/XCbeep~/XGaa12~

/XMinputmenu~

PurDate

Enter Date of Purchase or First Use

/XMinpdate~

Sheet1

Graph
Show Graphs
/XMgraph~

Print
Print Results
/XCpalign~/PPAQ
/XMprint~

Life
Enter Asset Life (Years)
/XNAsset Life: ~life~
/XI(life<=0)#OR#life>100~/XCbeep~/XGac12~
/XMinputmenu~

DBRate
Enter Declining Balance Depreciation Rate
/XNDeclining Balance Rate (%): ~rate~
/XI(rate<0)#OR#rate>100~/XCbeep~/XGad12~
/XMinputmenu~

AGENDA:
No
Return to Main Menu in This Worksheet.
/XMmenu~

Yes
Exit to Worksheet Selection Agenda.
/FRagenda~

Sheet1

Agenda
Return to Worksheet Selection Agenda
/XMagenda~

Quit
Exit to 1-2-3
/XQ

ACRSCat
Enter ACRS Recovery-Life Category
/XNACRS Recover Life Category: ~acrscat~
/Xlacrscat<>@choose(acrscat,@err,1,2,3,4,5)~/XCbeep~/XGae12~
/XMinputmenu~

Quit
Return to Main Menu
/XMmenu~

Sheet1

SETEARS:

/XCyrin~{goto}a25~
/DF{bs}.{end}{down}~
1984
~1~
1989
~
{goto}q25~
/DF{bs}.{end}{down}~
1984
~1~
1986
~
/XR

C2FORMULA:

/XCqout~{down}
/XCqout~
/C~.{left}{end}{down}{right}~
/XR

CALC:

/XCcheckcalc~
/XI(year1=oy1)#AND#((month1<>1)=om1)#AND#(life=ol)#AND#(acrscat=oa)~/XGah31~
{calc}/WGPD
/XCblankcalc~
/XCsetyears~
/XCsetformulas~
{home}{calc}/WGPE
/XMmenu~

RESULTS:

Input
Display Input Data
{home}
/XMresults~

Sheet1

SETFORMULAS:

```
/Cw10~c25~/Cw11~d25~  
{goto}c25~/XCqout~  
{right}/XCqout~  
{left}/C{right}~.{left}{left}{end}{down}{right}{right}~  
{goto}a25~  
/C.{right}{right}{right}{end}{down}~  
{right}{right}{right}{right}~  
/C{right}{right}{right}{right}{right}{right}{right}{end}{down}~  
{right}{right}{right}{right}{right}{right}{right}{right}~  
/Cw1.w2~b25~  
{goto}b25~/XCc2formula~  
/Cw3.w4~f25~  
{goto}f25~/XCc2formula~  
/Cw5.w6~j25~  
{goto}j25~/XCc2formula~  
/Cw7.w8~n25~  
{goto}n25~/XCc2formula~  
/Cw9~r25~  
{goto}r25~/XCc1formula~  
/Cc25.d25~s25~  
{goto}s25~/C{right}~.{left}{end}{down}{right}~  
/XR
```

SCROLL:

```
Down  
Scroll Down One Screen  
{pgdn}/XMscroll~
```

```
Up  
Scroll Up One Screen  
{pgup}/XMscroll~
```

```
Stline  
Display Straight Line Depreciation Schedule  
{goto}a21~  
/Xllife>15~/XCscrollres~  
/XMresults~
```

```
YrsDig  
Display Sum-of-Years-Digits Depreciation Schedule  
{goto}e21~  
/Xllife>15~/XCscrollres~  
/XMresults~
```

Sheet1

YRIN:

```
{goto}ah4~  
+year1{calc}{home}'~  
{goto}ah6~  
+yearn{calc}{home}'~  
{goto}ah10~  
+year1{calc}{home}'~  
{goto}ah12~  
+acrsyearn{calc}{home}'~  
/XR
```

QOUT:

```
{edit}{home}{del}~  
/XR
```

CHECKCALC:

```
/XIlife<2~/XCbeep~/XLInvalid life.-temp~/XMmenu~  
/XI@ISERR(@choose(acrscat,@err,1,2,3,4,5))~/XCbeep~/XLInvalid ACRS category.-temp~/XMmenu~  
/XR
```

Quit

Return to Results Menu.

```
/WTC  
/XMresults~
```

Dbal

Show Declining Balance Depreciation Schedule

```
{goto}j21~  
/XIlife>15~/XCscrollres~  
/XMresults~
```


SCROLLRES:
{down}{down}{down}{down}
/WTH
/XMscroll~
/XR

Xover
Show Declining Balance Schedule with Crossover to Straight Line
{goto}m21~
/Xlife>15~/XCscrollres~
/XMresults~

Sheet1

GRAPH:

Type

Specify Type of Graph (Line, Bar, Stacked-bar)

/XMsetgrtype~

SETGRTYPE:

Line

Display a Line Graph

/GTLQ

{goto}gtype~1~{home}

/XMgraph~

SETGROPTIONS:

Color

Display Graph in Color

/GOCQQ

/XMgraph~

SETGRANGES:

{goto}graphtlc~/GX{bs}~{end}{down}~

A{bs}{right}{right}{right}~{end}{down}~

B{bs}{right}~{end}{down}~Q

/Xlotype<>3~/GC{bs}{right}{right}~{end}{down}~Q

/Xlotype=3~/GC{bs}{right}{right}{Up}~{end}{down}{up}~Q

/Cgtype~oldgtype~

/XR

ACRS

Show Accelerated Cost Recovery System Schedule

{goto}q21~

/XMresults~

Quit

Return to Main Menu

{home}

/XMmenu~

Sheet1

Options

Specify Color or B&W Graphs, or View Latest Graph
/XMsetgroptions~

Stline

Show Straight Line Depreciation Schedule
{goto}a25~/RNCgraphtlc~{bs}~
/XCsetgranges~/XCsetskip1~
/GOTS{esc}Straight Line Method~
QVQ/XMgraph~

Bar

Display a Bar Graph
/GTBQ
{goto}gtype~2~{home}
/XMgraph~

Stacked-Bar

Display a Stacked Bar Graph
/GTSQ
{goto}gtype~3~{home}
/XMgraph~

B&W

Display Graph in Monochrome
/GOBQQ
/XMgraph~

View

Re-Display the Latest Graph
/Xlotype<>oldgtype~/XCsetgranges~
/GVQ
/XMgraph~

Sheet1

YrsDig

Show Sum-of-Years-Digits Depreciation Schedule

{goto}e25~/RNCgraphtlc~{bs}~

/XCsetgranges~/XCsetskip1~

/GOTS{esc}Sum of Years Digits Method~

QVQ/XMgraph~

Dbal

Show Declining Balance Depreciation Schedule

{goto}i25~/RNCgraphtlc~{bs}~

/XCsetgranges~/XCsetskip1~

/GOTS{esc}Declining Balance Method~

QVQ/XMgraph~

SETSKIP1:

{goto}setskip~{down}

@MAX(1,@INT(life/5))

{calc}~{edit}{home}'~

{home}/XGsetskip~

Sheet1

Xover

Show Declining Balance Schedule with Crossover to Straight Line

```
{goto}m25~/RNCgraphtlc~{bs}~
```

```
/XCsetgranges~/XCsetskip1~
```

```
/GOTS{esc}Declining Balance (with Crossover)~
```

```
QVQ/XMgraph~
```

SETSKIP2:

```
{goto}setskip~{down}
```

```
@MAX(1,@INT(acrslife/5))
```

```
{calc}~{edit}{home}'~
```

```
{home}/XGsetskip~
```

Sheet1

ACRS

Show Accelerated Cost Recovery System Schedule

{goto}q25~/RNCgraphtlc~{bs}~

/XCsetgranges~/XCsetskip2~

/GOTS{esc}Accelerated Cost Recovery System~

QVQ/XMgraph~

Quit

Return to Main Menu

{home}

/XMmenu~

SETSKIP:

/GOSS

1

~QQ/XR

Sheet1

PRINT:

Input

Print Input Data.

/REcopyright_p1~

/PPRa1.d21~GQ

/Ccopyright~copyright_p1~

/XMprint~

Stline

Print Straight Line Depreciation Schedule

{goto}a21~

/XCprint1~

/XMprint~

PRINT1:

/PPR{bs}~{right}{right}{right}{down}{down}{down}{end}{down}{down}~

GQ

/XR

PALIGN:

/XLAlign Paper and Press Enter~temp~

/XR

Sheet1

YrsDig

Print Sum-of-Years-Digits Depreciation Schedule

{goto}e21~

/XCprint1~

/XMprint~

Dbal

Print Declining Balance Depreciation Schedule

{goto}i21~

/XCprint1~

/XMprint~

Sheet1

Xover

Print Declining Balance Schedule with Crossover to Straight Line

{goto}m21~

/XCprint1~

/XMprint~

Sheet1

ACRS

Print Accelerated Cost Recovery System Schedule

{goto}q21~

/XCprint1~

/XMprint~

Page

Skip to Top of Page.

/PPPQ

/XMprint~

Quit

Return to Main Menu

/PPPQ

/XMmenu~