FASB ASC 350 Example

Fair Value of Equity (Net Assets)

Consolidating Balance Sheet and Carrying Amount Calculation as of the Measurement Date

US\$

05\$		West		East			
	Rep	oorting Unit	R	Last Reporting Unit	Corporate	С	onsolidated
Assets							
Cash & Equivalents	\$	600,000	\$	3,000,000	\$ 2,400,000	\$	6,000,000
Accounts Receivable, Net		6,600,000		9,900,000	-		16,500,000
Inventories		1,000,000		1,500,000	-		2,500,000
Inter-Company Due To/From		-		(3,000,000)	3,000,000		-
Prepaid Expenses & Other		100,000		150,000			250,000
Total Current Assets		8,300,000		11,550,000	5,400,000		25,250,000
Property, Plant & Equipment							
Gross Property, Plant & Equipment		5,300,000		13,250,000	7,950,000		26,500,000
Less: Accumulated Depreciation		(353,333)		(883,333)	(530,000)		(1,766,667)
Net Property, Plant & Equipment		4,946,667		12,366,667	7,420,000		24,733,333
Interville Access Not of Amountanting							
Intangible Assets, Net of Amortization		2.250.000		2.250.000			4 500 000
Covenants Not to Compete		2,250,000		2,250,000	-		4,500,000
Trade Secrets		-		6,000,000	40 500 000		6,000,000
Company Trade Name		-	4	0.000.000	13,500,000		13,500,000
Product Trade Name		1 0 10 000		6,000,000	1 0 40 000		6,000,000
Favorable Leases		1,640,000		4,920,000	1,640,000		8,200,000
Customer Relationships		7,200,000		10,800,000	-		18,000,000
Goodwill		26,000,000		39,000,000	(774 000)		65,000,000
Accumulated Amortization		(1,366,286)	=	(2,753,000)	(774,286)		(4,893,571)
Total Net Intangible Assets and Goodwill		35,723,714	_	66,217,000	14,365,714	_	116,306,429
Other Assets							
			7	6,000,000			6,000,000
Equity Method Investments		-	_				
Total Other Assets		-		6,000,000		_	6,000,000
Total Assets	\$	48,970,381	\$	96,133,667	\$ 27,185,714	\$	172,289,762
Liabilities & Equity							
					5,000,000		5,000,000
Current Installments of Long-Term Debt Accounts Payable		3,850,000		6,600,000	550,000		11,000,000
Accounts Fayable Accrued Salaries and Wages		700,000		1,200,000	100,000		2,000,000
				7,800,000			
Total Current Liabilities		4,550,000		7,800,000	5,650,000		18,000,000
Long-Term Liabilities		2 500 000					2 500 000
Unfavorable Lease Liability		2,500,000		- - 000 000	2 000 000		2,500,000
Deferred Tax Liability		2,000,000		5,000,000	3,000,000		10,000,000
Long-Term Debt, Noncurrent		4.500.000		-	45,000,000	. —	45,000,000
Total Long-Term Liabilities		4,500,000		5,000,000	48,000,000	_	57,500,000
Total Liabilities		9,050,000		12,800,000	53,650,000		75,500,000
Equity							
Shareholder's Equity		39,920,381		73,333,667	(26,464,286)		86,789,762
Noncontrolling Interest (1)		-		10,000,000			10,000,000
Total Equity		39,920,381		83,333,667	(26,464,286)		96,789,762
Total Liabilities & Equity	\$	48,970,381	\$	96,133,667	\$ 27,185,714	\$	172,289,762

⁽¹⁾ Represents noncontrolling interest of the East Reporting Unit.

DISCLAIMER

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FASB ASC 350 Example - GAAP Basis - Assessing the Forecast Fair Value of Equity (Net Assets) - East Reporting Unit Prospective Financial Information, Prior to Adjustment

F	γ	Year 1			Year 2		Year 3		Year 4		Year 5		Year 6
% Revenue Growth Rate			10.0%		8.0%		6.0%		4.0%		4.0%		3.0%
	60,450,000	\$	66,495,000	\$	71,814,600	\$	76,123,476	\$	79,168,415	\$	82,335,152	\$	84,805,206
Net Revenue - Future Acquisition		\$		\$		\$	3,200,000	\$	5,000,000	\$	6,000,000	\$	6,500,000
Total Revenue \$ 6	60,450,000	\$	66,495,000	\$	71,814,600	\$	79,323,476	\$	84,168,415	\$	88,335,152	\$	91,305,206
Cost of Goods Sold (Excluding Depreciation and Amortization)			(37,237,200)		(35,907,300)		(38,868,503)		(42,925,892)		(45,050,927)		(46,565,655)
Gross Profit			29,257,800		35,907,300		40,454,973		41,242,523		43,284,224		44,739,551
Gross Profit Margin			44.0%		50.0%		51.0%		49.0%		49.0%		49.0%
Operating Expenses (Excluding Depreciation and Amortization):													
General and Administrative			5,319,600		5,745,168		6,345,878		6,312,631		6,625,136		6,847,890
Selling			6,649,500		7,181,460		7,932,348		7,995,999		8,391,839		8,673,995
Share Based Compensation			1,329,900		1,436,292		2,379,704		2,525,052		2,650,055		2,739,156
Other Expense			3,324,750	$\overline{}$	3,590,730		3,966,174		4,208,421		4,416,758		4,565,260
Total Operating Expenses			16,623,750	`	17,95 3,650		20,624,104		21,042,104		22,083,788		22,826,302
Operating Expense Margin			25.0%		25.0%		26.0%		25.0%		25.0%		25.0%
Earnings Before Interest, Taxes, Depreciation and Amortization (EBITDA)		\$	12,634,050	\$	17,953,650	\$	19,830,869	\$	20,200,420	\$	21,200,436	\$	21,913,249
EBITDA Margin			19.0%		25.0%		26.1%		25.5%		25.7%		25.8%
Depreciation (GAAP Carryover Basis - Including Acq Spend)			1,026,190		1,197,619		2,069,048		2,140,476		2,354,762		2,569,048
Amortization (GAAP Carryover Basis)			2,752,857		2,752,857		2,752,857		2,752,857		2,302,857		2,302,857
Earnings Before Interest & Taxes (EBIT)		\$	8,855,002	\$	14,003,174	\$	15,008,964	\$	15,307,086	\$	16,542,817	\$	17,041,345
EBIT Margin		•	13.3%		19.5%	•	19.7%	•	19.3%	•	20.1%	•	20.1%
Income Taxes			(3,413,958)		(5,398,784)		(5,786,556)		(5,901,494)		(6,377,918)		(6,570,120)
Income Tax Rate		7	38.6%		38.6%		38.6%		38.6%		38.6%		38.6%
Debt-Free Net Income		5	5,441,045	\$	8,604,390	\$	9,222,408	\$	9,405,592	\$	10,164,900	\$	10,471,225
		*	3,441,043	Ψ	0,004,000	Ψ	3,222,400	Ψ	3,403,332	Ψ	10,104,300	Ψ	10,471,223
Cash Flow Adjustments:		1	•										
Depreciation and Amortization			3,779,048		3,950,476		4,821,905		4,893,333		4,657,619		4,871,905
Noncash Share Based Compensation		/	1,329,900		1,436,292		2,379,704		2,525,052		2,650,055		2,739,156
Capital Expenditures			(1,000,000)		(1,200,000)		(1,100,000)		(500,000)		(1,500,000)		(1,500,000)
Acquisition Spend Net Change in Noncash Working Capital (1)	5.0%		(302,250)		(265,980)		(5,000,000) (375,444)		(242,247)		(208,337)		(148,503)
Debt-Free Cash Flow	3.0 /3	\$	9,247,742	\$	12,525,178	\$	9,948,573	\$	16,081,731		15,764,236	\$	16,433,783

⁽¹⁾ Represents normalized debt free, cash free net working capital as a percentage of revenue.

Depreciation																
				Pric	or Year 1		Year 1		Year 2		Year 3	 Year 4		Year 5		Year 6
Fixed Asset Depreciable Book Original Cost Basis	\$	13,250,000														
Estimated Remaining Economic Useful Life		15.0														
Annual Depreciation on Existing Assets				\$	883,333	\$	883,333	\$	883,333	\$	883,333	\$ 883,333	\$	883,333	\$	883,333
Capital Expenditures: Forecast Capital Expenditures						\$	1,000,000	\$	1,200,000	\$	1,100,000	\$ 500,000	\$	1,500,000	\$	1,500,000
Forecast Capital Expenditures Acquisition Capital Expenditures						\$ \$	1,000,000	\$ \$	1,200,000	\$ \$	1,100,000 5,000,000	500,000	•	1,500,000	\$ \$	1,500,000
		Weight 100.0%	Useful Life 7.0				14.3%		14.3%		14.3%	14.3%		14.3%		14.3%
Annual Depreciation Related to New Assets:																
	Year 1 Year 2 Year 3 Year 4 Year 5 Year 6	\$ \$ \$ \$ \$ \$ \$ \$	1,000,000 1,200,000 6,100,000 500,000 1,500,000 1,500,000				142,857		142,857 171,429		142,857 171,429 871,429	142,857 171,429 871,429 71,429		142,857 171,429 871,429 71,429 214,286	ı	142,857 171,429 871,429 71,429 214,286 214,286
Incremental Depreciation Related to New Assets	i cai U	Ψ	1,500,000				142,857		314,286		1,185,714	1,257,143		1,471,429		1,685,714
Total Depreciation For All Assets							1,026,190		1,197,619		2,069,048	2,140,476		2,354,762		2,569,048

Amortization	Original	Useful							
	Cost Basis	Life	Prior Year 1	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Intangible Assets - East Reporting Unit									_
Covenants Not to Compete	2,250,000	5.00	450,000	450,000	450,000	450,000	450,000		
Trade Secrets	6,000,000	15.00	400,000	400,000	400,000	400,000	400,000	400,000	400,000
Product Trade Name	6,000,000	20.00	300,000	300,000	300,000	300,000	300,000	300,000	300,000
Favorable Leases	4,920,000	7.00	702,857	702,857	702,857	702,857	702,857	702,857	702,857
Customer Relationships	10,800,000	12.00	900,000	900,000	900,000	900,000	900,000	900,000	900,000
Goodwill	39,000,000	NA	NA	NA	NA	NA	NA	NA	NA
			2,752,857	2,752,857	2,752,857	2,752,857	2,752,857	2,302,857	2,302,857

FASB ASC 350 Example - Assessing the Forecast

Fair Value of Equity (Net Assets) - East Reporting Unit

Strategic Plan, Prospective Financial Information, Adjustments Reflecting Market Participant Assumptions

	REFERENCE	Ye	ar 1	Year 2	Year 3	Year 4	Year 5	Year 6
Net Revenue - Organic Business Net Revenue - Acquisition Spend	(1)	\$	- \$	- \$ \$	- \$ (3,200,000) \$	- \$ (5,000,000) \$	- \$ (6,000,000) \$	- (6,500,000)
Total Revenue		\$	- \$	- \$	(3,200,000) \$	(5,000,000) \$	(6,000,000) \$	(6,500,000)
Cost of Goods Sold	(2)		-	-	1,568,000	2,550,000	3,240,000	3,315,000
Gross Profit Gross Profit Margin			NA	NA	(1,632,000) 51.0%	(2,450,000) 49.0%	(2,760,000) 46.0%	(3,185,000) <i>49.0%</i>
Operating Expenses (Excluding Depreciation and Amortization): General and Administrative Selling Share Based Compensation	(3) (3)		- -	-	(128,000) (160,000)	(187,500) (237,500)	(225,000) (285,000)	(243,750) (308,750)
Royalty for Use of Corporate Tradename Other Expense	(4) (3)		1,662,375	1,795,365	1,903,087 (80,000)	1,979,210 (125,000)	2,058,379 (120,000)	2,120,130 (130,000)
Total Operating Expenses Operating Expense Margin	(,	-	1,662,375	1,795,365	1,535,087	1,429,210	1,428,379	1,437,630
Earnings Before Interest, Taxes, Depreciation and Amortization (EBITDA) EBITDA Margin		\$	(1,662,375) \$	(1,795,365) \$	(3,167,087) \$	(3,879,210) \$	(4,188,379) \$	(4,622,630)
Depreciation (GAAP Carryover Basis - Including Acq Spend) Amortization (GAAP Carryover Basis)	(5)				(714,286)	(714,286)	(714,286)	(714,286)
Earnings Before Interest & Taxes (EBIT) EBIT Margin		\$	(1,662,3 75) \$	(1,795,365) \$	(3,167,087) \$	(3,879,210) \$	(4,188,379) \$	(4,622,630)
Blended Income Taxes			640,912	692,185	1,221,039	1,495,591	1,614,788	1,782,209
Blended Income Tax Rate (Marginal Rate)			38.6%	38.6%	38.6%	38.6%	38.6%	38.6%
Debt-Free Net Income		\$	(1,021,463) \$	(1,103,180) \$	(1,946,048) \$	(2,383,620) \$	(2,573,591) \$	(2,840,421)
Cash Flow Adjustments: Depreciation Noncash Share Based Compensation Capital Expenditures Capital Expenditures - Acquisition Spend Net Change in Noncash Working Capital 5.00	(5) (6) (7) (8)		- (1,329,900) - -	- (1,436,292) - -	(714,286) (2,379,704) 5,000,000 160,000	(714,286) (2,525,052) - 90,000	(714,286) (2,650,055) - 50,000	(714,286) (2,739,156) - 25,000
Debt-Free Cash Flow		\$	(2,351,363) \$	(2,539,472) \$	119,962 \$	(5,532,958) \$	(5,887,931) \$	(6,268,863)

Notes:

- (1) For purposes of impairment testing, management has indicated that the acquisition spend is a strategic choice and is a business combination per Financial Accounting Standards Board Accounting Standards Codification 805, Business Combinations. As none of the assets associated with these investments is reflected on the balance sheet (and carrying amount) as of the test date, the inclusion of the benefits associated with this investment would potentially overstate the fair value of the reporting unit. Therefore, this investment is not reflected in the data used to populate valuation models for impairment testing.
- (2) To remove cost of goods sold associated with acquisition related revenue.
- (3) Based on an analysis of detailed ledgers, approximately 50% of selling, administrative and other costs are fixed in nature. This adjustment removes the variable component of the costs associated with the acquisition spend (see note 1). Share based compensation relates to the organic business and therefore not adjusted as an expense item.
- (4) To reflect a charge for the entity trade name that is utilized in selling the reporting unit goods. Because the trade name is not allocated to the reporting unit carrying amount, a charge for the use of the trade name was applied to provide for a consistent application of fair value to carrying amount.
- (5) To eliminate depreciation associated with acquisition related revenue discussed in note (1).
- (6) Assumed that share-based compensation issued is in lieu of cash payments to employees. As such, this amount is not added to arrive at debt-free cash flows.
- (7) To adjust the capital expenditures associated with acquisition spend removed from the analysis in note (1).
- (8) Represents reversal of net working capital investment associated with revenue adjustment in note (1).

FASB ASC 350 Example - Assessing the Forecast
Fair Value of Fair Value of Equity (Net Assets) - East Reporting Unit
Adjusted Prospective Financial Information

	PY	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Net Revenue - Organic Business Net Revenue - Acquisition Spend	\$ 60,450,000 \$	66,495,000	\$ 71,814,600 • \$ -	\$ 76,123,476 \$	\$ 79,168,415 \$ -	\$ 82,335,152 \$ -	\$ 84,805,206 \$ -
Total Revenue	\$ 60,450,000	\$ 66,495,000	\$ 71,814,600	\$ 76,123,476	\$ 79,168,415	\$ 82,335,152	\$ 84,805,206
Cost of Goods Sold	(33,852,000	(37,237,200	(35,907,300)	(37,300,503)	(40,375,892)	(41,810,927)	(43,250,655)
Gross Profit Margin	26,598,000 <i>44.0%</i>			38,822,973 51.0%	38,792,523 <i>49.0%</i>	40,524,224 <i>4</i> 9.2%	41,554,551 <i>49.0%</i>
Operating Expenses (Excluding Depreciation and Amortization): General and Administrative Selling Share Based Compensation Royalty for Use of Corporate Tradename	5,053,620 6,317,025 1,263,405 1,511,250	6,649,500 1,329,900	7,181,460 1,436,292	6,217,878 7,772,348 2,379,704 1,903,087	6,125,131 7,758,499 2,525,052 1,979,210	2,650,055	6,604,140 8,365,245 2,739,156 2,120,130
Other Expense	3,158,513	3,324,750	3,590,730	3,886,174	4,083,421	4,296,758	4,435,260
Total Operating Expenses Operating Expense Margin	17,303,813 28.6%			22,159,191 29.1%	22,471,314 28.4%		24,263,932 28.6%
EBITDA EBITDA Margin	\$ 9,294,188 15.4% 0.0%	16.5%		\$ 16,663,782 21.9%	\$ 16,321,209 20.6%		\$ 17,290,619 20.4%
Depreciation (Carryover Book Basis) Amortization (Carryover Book Basis)		1,026,190 2,752,857		1,354,762 2,752,857	1,426,190 2,752,857	1,640,476 2,302,857	1,854,762 2,302,857
Earnings Before Interest & Taxes (EBIT) EBIT Margin		7,192,627		\$ 12,556,163 16.5%			\$ 13,133,000 15.5%
Blended Income Taxes		(2,773,046		(4,840,903)			(5,063,297)
Blended Income Tax Rate		38.6%	38.6%	38.6%	38.6%	38.6%	38.6%
Debt-Free Net Income		\$ 4,419,582	\$ 7,501,210	\$ 7,715,260	\$ 7,460,873	\$ 8,030,208	\$ 8,069,703
Cash Flow Adjustments: Depreciation Noncash Share Based Compensation		3,779,048	3,950,476	4,107,619	4,179,048	3,943,333	4,157,619
Capital Expenditures Capital Expenditures - Acquisition Spend		(1,000,000	(1,200,000)	(1,100,000)	(500,000)	(1,500,000)	(1,500,000)
Net Change in Noncash Working Capital	5.0%	(302,250	(265,980)	(215,444)	(152,247)	(158,337)	(123,503)
Debt-Free Cash Flow		\$ 6,896,379	\$ 9,985,706	\$ 10,507,435	\$ 10,987,673	\$ 10,315,205	\$ 10,603,820

FASB ASC 350 Example

Fair Value of Equity (Net Assets) - East Reporting Unit
Business Enterprise Valuation: Income Approach - Discounted Debt-Free Cash Flow Method

Nontaxable Transaction

		Year 1		Year 2		Year 3		Year 4		Year 5		Year 6		Terminal
% Revenue Growth Rate		NA		8.0%		6.0%		4.0%		4.0%		3.0%		2.0%
Net Revenue	\$	66,495,000	\$	71,814,600	\$	76,123,476	\$	79,168,415	\$	82,335,152	\$	84,805,206	\$	86,501,310
Cost of Goods Sold (Excluding Depreciation and Amortization)		(37,237,200)		(35,907,300)		(37,300,503)		(40,375,892)		(41,810,927)		(43,250,655)		(44,115,668)
Gross Profit		29,257,800	_	35,907,300		38,822,973		38,792,523		40,524,224	_	41,554,551		42,385,642
Gross Profit Margin		44.0%		50.0%		51.0%		49.0%		49.2%		49.0%		49.0%
Operating Expenses (Excluding Depreciation and Amortization):		5 040 000						0.40=.404		0.400.400		0.004.440		. =
General and Administrative		5,319,600		5,745,168	4	6,217,878		6,125,131		6,400,136		6,604,140		6,736,223
Selling Share Based Compensation		6,649,500 1,329,900		7,181,460 1,436,292		7,772,348 2,379,704		7,758,499 2,525,052		8,106,839 2,650,055		8,365,245 2,739,156		8,532,549 2,793,939
Royalty for Use of Corporate Tradename		1,662,375		1,795,365		1,903,087		1,979,210		2,058,379		2,120,130		2,162,533
Other Expense		3,324,750		3,590,730		3,886,174		4,083,421		4,296,758		4,435,260		4,523,966
Total Operating Expenses		18,286,125		19,749,015		22,159,191		22,471,314		23,512,167		24,263,932		24,749,210
Operating Expense Margin		27.5%		27.5%	4	29.1%		28.4%		28.6%		28.6%		28.6%
			_				_				_		_	
Earnings Before Interest, Taxes, Depreciation and Amortization (EBITDA)	\$	10,971,675	\$	16,158,285	\$	16,663,782	\$	16,321,209	\$	17,012,058	\$	17,290,619	\$	17,636,432
EBITDA Margin		16.5%		22.5%		21.9%		20.6%		20.7%		20.4%		20.4%
Depreciation (Carryover Tax Basis)		1,401,650		1,549,255		1,646,220		1,593,845		1,593,845		1,784,650		1,820,343
Amortization (Carryover Tax Basis)		4,598,000		4,598,000		4,598,000		4,598,000		4,598,000		4,598,000		-
	•		•	10,011,030	č	10,419,562	•		¢		¢		•	15,816,089
Earnings Before Interest & Taxes (EBIT) EBIT Margin	Þ	4,972,025 7.5%	\$	13.9%	Ф	13.7%	Ф	10,129,364 <i>12.8%</i>	Þ	10,820,213 <i>13.1%</i>	\$	10,907,969 <i>12.9%</i>	Ф	18.3%
EBIT Wargii		7.070		10.070		10.770		12.070		10.170		12.570		10.070
Blended Income Taxes		(1,916,915)		(3,859,653)		(4,017,158)		(3,905,275)		(4,171,625)		(4,205,458)		(6,097,735)
Blended Income Tax Rate (Marginal Rate)		38.6%	\mathbf{I}	38.6%		38.6%		38.6%		38.6%		38.6%		38.6%
Debt-Free Net Income	\$	3,055,110	\$	6,151,377	\$	6,402,404	\$	6,224,089	\$	6,648,588	\$	6,702,511	\$	9,718,354
Cash Flow Adjustments:														
Depreciation & Amortization (Reflects Carryover Tax Basis) (1)		5,999,650		6,147,255		6,244,220		6,191,845		6,191,845		6,382,650		1,820,343
Capital Expenditures		(1,000,000)		(1,200,000)		(1,100,000)		(500,000)		(1,500,000)		(1,500,000)		(1,820,343)
Net Change in Noncash Working Capital 5.0%		(302,250)		(265,980)		(215,444)		(152,247)		(158,337)		(123,503)		(84,805)
Debt-Free Cash Flow	\$	7,752,510	\$	10,832,652	\$	11,331,180	\$	11,763,687	\$	11,182,096	\$	11,461,658	\$	9,633,549
Discount Period		0.50		1.50		2.50		2.50		4.50		F F0		
Discount Period Present Value Factor 14.5%		0.50 0.9345		1.50 0.8162		2.50 0.7128		3.50 0.6226		4.50 0.5437		5.50 0.4749		
Present Value of Debt-Free Cash Flows	\$	7,245,021	\$	8,841,513	\$	8,077,211	\$	7,323,594	\$	6,079,929	\$	5,442,736		
Fresent value of Dept-Free Cash Flows	Ψ	7,243,021	Ψ	0,041,313	Ψ	0,077,211	Ψ	7,323,394	Ψ	0,079,929	Ψ	3,442,730		
Sum of the Present Value of Discrete Year Cash Flows	\$	43,010,004					Ter	minal Growth Ra	ate					2.0%
Present Value of Terminal Cash Flow	*	36,597,052						sidual Value at 1		ninal Year			\$	77,068,389
Indicated Enterprise Value from Operations	\$	79,607,056					Pre	sent Value Fact	or					0.4749
Add: Cash & Equivalents		3,000,000					Pre	sent Value of T	Гern	ninal Cash Flo	w		\$	36,597,052
Add: Equity Method Investments (1)		6,000,000												
Add: PV of Cost Savings		7,000,000												
Add: Present Value of Amortization Beyond Discrete Period		3,840,355												
Indicated Enterprise Value - Control, Marketable Basis	\$	99,450,000												
Less: Fair Value of Debt (2)	\$	<u> </u>												
Fair Value of Equity (Net Assets) - East Unit	\$	99,450,000												
	Ė	. , .												

⁽¹⁾ Cash flows do not reflect incremental benefit related to this asset. Assume net book value is approximation for fair value.

⁽²⁾ For purposes of this example, the fair value of debt is assumed to equal its underlying net book value.

FASB ASC 350 Example
Fair Value of Fair Value of Equity (Net Assets)
Nontaxable Model - Carryover Tax Basis Depreciation and Amortization

Depreciation															
<u> </u>				Pri	ior Year 1		Year 1	Year 2	Year 3		Year 4		Year 5		Year 6
Fixed Asset Depreciable Book Original Cost Basis	\$	13,250,000													
Estimated Remaining Economic Useful Life		15.0			5.0%		9.5%	8.6%	7.7%		6.9%		6.2%		5.9%
Annual Depreciation on Existing Assets				\$	662,500	\$	1,258,750	\$ 1,132,875	\$ 1,020,250	\$	918,225	\$	825,475	\$	781,750
Capital Expenditures: Forecast Capital Expenditures						\$	1,000,000	\$ 1,200,000	\$ 1,100,000	\$	500,000	\$	1,500,000	\$	1,500,000
Forecast Capital Expenditures Acquisition Capital Expenditures						\$ \$	1,000,000	\$ 1,200,000 \$ -	\$ 1,100,000	\$ \$	500,000	\$ \$	1,500,000	\$ \$	1,500,000 -
	We	ight 100.0%	Useful Life 7.0				14.3%	24.5%	17.5%		12.5%		8.9%		8.9%
Annual Depreciation Related to New Assets:						7									
	Year 1 Year 2 Year 3 Year 4	\$ \$ \$	1,000,000 1,200,000 1,100,000 500,000	1			142,900	244,900 171,480	174,900 293,880 157,190		124,900 209,880 269,390 71,450		89,300 149,880 192,390 122,450		89,200 107,160 137,390 87,450
	Year 5 Year 6	\$ \$	1,500,000 1,500,000	`									214,350		367,350 214,350
Incremental Depreciation Related to New Assets	. 53. 5	·					142,900	416,380	625,970		675,620		768,370		1,002,900
Total Depreciation For All Assets							1,401,650	1,549,255	1,646,220		1,593,845		1,593,845		1,784,650

Amortization	Original User Cost Basis Life	ful	Prior Year 1	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Intangible Assets									
Covenants Not to Compete	2,250,000	15.00	150,000.0	150,000	150,000	150,000	150,000	150,000	150,000
Trade Secrets	6,000,000	15.00	400,000.0	400,000	400,000	400,000	400,000	400,000	400,000
Product Trade Name	6,000,000	15.00	400,000.0	400,000	400,000	400,000	400,000	400,000	400,000
Favorable Leases	4,920,000	15.00	328,000.0	328,000	328,000	328,000	328,000	328,000	328,000
Customer Relationships	10,800,000	15.00	720,000.0	720,000	720,000	720,000	720,000	720,000	720,000
Goodwill	39,000,000	15.00	2,600,000.0	2,600,000	2,600,000	2,600,000	2,600,000	2,600,000	2,600,000
			4,598,000	4,598,000	4,598,000	4,598,000	4,598,000	4,598,000	4,598,000

FASB ASC 350 Example

Maint to I A server Open to CO

Weighted Average Cost of Capital Calculation

Valuation Date: measurement date

A. Market-Based Capital Structure (1)

Equity 70.0% Debt 30.0%

B. Cost of Equity

Rf = Risk-free rate = U.S. Treasury 30 Year Bond Yield as of the measurement date

= 3.5%

B = Relevered Beta = a measure of the systematic risk or individual price volatility relative to the market

1.8 (See Schedule 2.6.1)

Rp = Equity risk premium = incremental return demanded by an average equity investor in S&P 500 stocks

= 6.0%

Rc = Size premium = additional risk that is unique to small companies

= 3.9%

Rs = Specific risk premium = additional risk that is unique to the subject company

= 1.0%

Cost of Equity = 3.5% + $(1.8 \times 6\%)$ + 3.9% + 1.0% = 19% (rounded)

C. Cost of Debt

Cost of Debt = 5.7% (2) Corporate Tax Rate = 38.6% (3)

After-tax Cost of Debt = (5.66% + 0%) * (1.0 - 38.554%) = 3.5% (rounded)

D. Weighted Average Cost of Capital

	Estimated Cost		Percentage of Total Capital		Weighted Contribution
Cost of Equity Cost of Debt	19.0% 3.5%	X X	70% 30%	= =	13.3% 1.1%
Estimated Weighted	d Average Cost	of Ca	pital - rounded	=	14.5%

Notes:

- (1) Based on a peer group of market participants (See schedule 3.6.1).
- (2) Based on the Moody's yield of corporate bonds of market participants as of the measurement date. Moody's tries to include bonds with remaining maturities as close as possible to 30 years.
- (3) Represents statutory blended federal and state rates, adjusted for observable market participant assumptions.

FASB ASC 350 Example

Weighted Average Cost of Capital Calculation - Select Market Data

illions)	(A)	(B)	(A)+(B)						
	Market Value	Total Interest-	Business	Market-Bas	•		5 Year	5 Year	Working (2
	of Equity	Bearing Debt, net of debt	Enterprise	Structure (E			Monthly	Monthly	Capital /
	(EQUITY)	(DEBT)	Value (BEV)	as a % o		Tax	Asset Beta	Equity Beta	Sales
Company Name	(\$ millions)	(\$ millions)	(\$ millions)	EQUITY	DEBT	<u>Rate</u>	S&P 500 (1)	Unlevered	Ratio
Guideline Co 1	\$3,485.0	\$779.0	\$4,264.0	81.7%	18.3%	35.0%	2.3	2.01	5%
Guideline Co 2	\$651.0	\$279.0	930.0	70.0%	30.0%	38.6%	2.0	1.58	10%
Guideline Co 3	\$4,706.8	\$242.0	4948.8	95.1%	4.9%	38.6%	2.3	2.23	8%
Guideline Co 4	\$225.0	\$177.0	402.0	56.0%	44.0%	38.6%	1.4	0.94	11%
Guideline Co 5	\$1,668.0	\$957.0	2625.0	63.5%	36.5%	38.6%	2.4	1.77	5%
Guideline Co 6	\$532.0	\$254.0	786.0	67.7%	32.3%	38.6%	8.0	0.62	4%
Guideline Co 7	\$856.8	\$328.0	1184.80	72.3%	27.7%	38.6%	1.8	1.46	6%
Guideline Co 8	\$526.6	\$2.5	529.2	99.5%	0.5%	38.6%	1.4	1.40	5%
Guideline Co 9	\$230.4	\$194.0	424.4	54.3%	45.7%	38.6%	1.4	0.92	5%
		[Hi	99.5%	45.7%		2.40	2.23	11%
			Low	54.3%	0.5%		0.80	0.62	4%
			Median	70.0%	30.0%		1.80	1.46	5%
			Average	73.3%	26.7%		1.76	1.44	7%
		l	Selected	70.0%	30.0%		1.70	1.44	

Notes: Source: Data provided by Capital IQ and Bloomberg.

(1) Based on raw equity beta
(2) Forecast increase/decrease in net working capital is cash free
(3) Be = Ba * (1 + (Wd/We) * (1 - T)), when Be = Relevered Equity Beta

Ba = Asset Beta Wd = % of capital structure financed by debt capital

We = % of capital structure financed by equity capital

T = Tax rate

Relevered Equity Beta (Be) (3)

1.8



FASB ASC 350 Example
Fair Value of Equity (Net Assets) - Taxable Transaction - East Reporting Unit
Business Enterprise Valuation: Income Approach - Discounted Debt-Free Cash Flow Method

Taxable Transaction

laxable Iransaction														
0		Year 1		Year 2		Year 3		Year 4		Year 5	_	Year 6		Terminal
% Revenue Growth Rate Net Revenue	\$	<i>NA</i> 66,495,000	\$	8.0% 71,814,600	\$	6.0% 76,123,476	\$	<i>4.0%</i> 79,168,415	\$	<i>4.0%</i> 82,335,152	\$	3.0% 84,805,206	\$	2.0% 86,501,310
Net Neveriue	Ψ	00,495,000	Ψ	71,014,000	Ψ	70,123,470	Ψ	73,100,413	Ψ	02,333,132	Ψ	04,003,200	Ψ	00,501,510
Cost of Goods Sold (Excluding Depreciation and Amortization)		(37,237,200)		(35,907,300)		(37,300,503)		(40,375,892)		(41,810,927)	_	(43,250,655)		(44,115,668)
Gross Profit		29,257,800		35,907,300		38,822,973		38,792,523		40,524,224		41,554,551		42,385,642
Gross Profit Margin		44.0%		50.0%		51.0%		49.0%		49.2%		49.0%		49.0%
Operating Expenses (Excluding Depreciation and Amortization):							4							
General and Administrative		5,319,600		5,745,168		6,217,878		6,125,131		6,400,136		6,604,140		6,736,223
Selling Share Record Companyation		6,649,500		7,181,460		7,772,348		7,758,499		8,106,839		8,365,245		8,532,549
Share-Based Compensation Royalty for Use of Corporate Tradename		1,329,900 1,662,375		1,436,292 1,795,365		2,379,704 1,903,087		2,525,052 1,979,210		2,650,055 2,058,379		2,739,156 2,120,130		2,793,939 2,162,533
Other Expense		3,324,750		3,590,730		3,886,174	$\overline{}$	4,083,421		4,296,758		4,435,260		4,523,966
Total Operating Expenses		18,286,125		19,749,015	A	22,159,191		22,471,314		23,512,167		24,263,932		24,749,210
Operating Expense Margin		27.5%		27.5%		29.1%		28.4%		28.6%		28.6%		28.6%
Earnings Before Interest, Taxes, Depreciation and Amortization (EBITDA)	¢	10,971,675	¢	16,158,285	¢	16,663,782	¢	16,321,209	¢	17,012,058	\$	17,290,619	¢	17,636,432
EBITDA Margin	Ψ	16.5%	Ψ	22.5%	Ψ	21.9%	Ψ	20.6%	Ψ	20.7%	Ψ	20.4%	Ψ	20.4%
3														
Depreciation (Stepped Up Tax Basis)		1,401,650		1,549,255		1,646,220		1,593,845		1,593,845		1,784,650		1,820,343
Amortization		_									_	-		-
Earnings Before Interest & Taxes (EBIT)	\$	9,570,025	\$	14,609,030	\$	15,017,562	\$	14,727,364	\$	15,418,213	\$	15,505,969	\$	15,816,089
EBIT Margin		14.4%		20.3%		19.7%		18.6%		18.7%		18.3%		18.3%
Blended Income Taxes		(3,689,627)		(5,632,365)		(5,789,871)		(5,677,988)		(5,944,338)		(5,978,171)		(6,097,735)
Blended Income Tax Rate (Marginal Rate)		38.6%		38.6%		38.6%		38.6%		38.6%		38.6%		38.6%
										-				
Debt-Free Net Income	\$	5,880,398	\$	8,976,665	\$	9,227,691	\$	9,049,376	\$	9,473,875	\$	9,527,798	\$	9,718,354
Cash Flow Adjustments:														
Depreciation (Reflects Step-Up in Value)		1,401,650		1,549,255		1,646,220		1,593,845		1,593,845		1,784,650		1,820,343
Capital Expenditures		(1,000,000)		(1,200,000)		(1,100,000)		(500,000)		(1,500,000)		(1,500,000)		(1,820,343)
Net Change in Noncash Working Capital 5.0%		(302,250)	_	(265,980)		(215,444)		(152,247)		(158,337)		(123,503)	_	(84,805)
Debt-Free Cash Flow	*	5,979,798	•	9,059,940	\$	9,558,467	Þ	9,990,974	Þ	9,409,383	Þ	9,688,945	\$	9,633,549
Discount Period		0.50		1.50		2.50		3.50		4.50		5.50		
Present Value Factor 14.5%	◥	0.9345		0.8162		0.7128		0.6226		0.5437		0.4749		
Present Value of Debt-Free Cash Flows	\$	5,588,352	\$	7,394,641	\$	6,813,567	\$	6,219,975	\$	5,116,070	\$	4,600,937		
Sum of the Present Value of Discrete Year Cash Flows	Φ.	35,733,542					Tor	minal Growth F	2 2 2					2.0%
Present Value of Terminal Cash Flow	Ψ	36,597,052						idual Value at					\$	77,068,389
Indicated Enterprise Value from Operations	\$	72,330,594						sent Value Fac					•	0.4749
Add: Cash & Equivalents		3,000,000					Pre	sent Value of	Ter	minal Cash Fl	ow		\$	36,597,052
Add: Equity Method Investments (1)		6,000,000												_
Add: Present Value of Cost Savings		7,000,000												
Add: Present Value of Section 197 Tax Amortization Benefit		12,472,489												
Indicated Enterprise Value - Control, Marketable Basis		100,800,000												
Less: Fair Value of Debt (2)	\$													
Fair Value of Equity (Net Assets) - East Reporting Unit	\$	100,800,000	=											

- (1) Cash flows do not reflect incremental benefit related to this asset. Assume net book value is approximation for fair value.
- (2) For purposes of this example, the fair value of debt is assumed to equal its underlying net book value.

Tax A	Amortiza	tion E	Bene	fit	Cal	culat	ion:

Discount Rate Applicable	14.5%
Blended Income Tax Rate	38.6%
Amortization Period (years)	15
Fair Value Before Tax Amortization Benefit	\$ 82,330,594
Less: Tangible Assets	12,366,667
Less: Net Working Capital	6,750,000
Amortizable Portion	63,213,927
Section 197 Tax Amortization Benefit	\$ 12,472,489

Dominoistica											
Depreciation											
Fire I Asset Bours stable Book Outstand Cook Book	•	10.050.000		Pri	ior Year 1	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Fixed Asset Depreciable Book Original Cost Basis	\$	13,250,000									
Estimated Remaining Economic Useful Life		15.0			5.0%	9.5%	8.6%	7.7%	6.9%	6.2%	5.9%
Annual Depreciation on Existing Assets				\$	662,500 \$	1,258,750	\$ 1,132,875	1,020,250	\$ 918,225 \$	825,475 \$	781,750
Capital Expenditures:											
Forecast Capital Expenditures					\$	1,000,000	\$ 1,200,000	1,100,000	\$ 500,000 \$	1,500,000 \$	1,500,000
	W	eight	Useful Life								
		100.0%	7.0	-		14.3%	24.5%	17.5%	12.5%	8.9%	8.9%
Annual Depresiation Polated to New Accets											
Annual Depreciation Related to New Assets:	Year 1	\$	1,000,000			142,900	244,900	174,900	124,900	89,300	89,200
	Year 2	Ψ \$				142,300	171,480	293,880	209,880	149,880	107,160
	Year 3	\$	1,100,000				17 1, 100	157,190	269,390	192,390	137,390
	Year 4	\$	500,000					101,100	71,450	122,450	87,450
	Year 5	\$	1,500,000	1					,	214,350	367,350
	Year 6	\$				Y					214,350
Incremental Depreciation Related to New Assets						142,900	416,380	625,970	675,620	768,370	1,002,900
Total Depreciation For All Assets						1,401,650	1,549,255	1,646,220	1,593,845	1,593,845	1,784,650

FASB ASC 350 Example

Fair Value of the Invested Capital

Income Approach - Market Participant Cost Savings Valuation

US\$ 000's

		Y	ear 1	 Year 2		Year 3		Year 4		Year 5	Y	ear 6	Ter	rminal
Estimated Cost Savings if Acquired (1)		\$	250	\$ 1,500	\$	1,550	\$	1,600	\$	1,650	\$	1,700	\$	1,734
Blended Income Taxes			(96)	 (578)		(598)		(617)		(636)		(655)		(669)
Blended Income Tax Rate			38.6%	38.6%		38.6%		38.6%		38.6%		38.6%		38.6%
Debt-Free Cash Flow		\$	154	\$ 922	\$	952	\$	983	\$	1,014	\$	1,045	\$	1,065
Partial Period Factor			1.0	1.0		1.0		1.0		1.0		1.0		
Discount Period			0.50	1.50		2.50		3.50		4.50	40	5.50		
Present Value Factor	15.0%		0.9325	 0.8109		0.7051		0.6131		0.5332		0.4636		
Present Value of Debt-Free Cash Flows		\$	143	\$ 747	\$	672	\$	603	\$	541	\$	484		
Sum of the Present Value of Discrete Year Cash Flows Present Value of Terminal Cash Flow		\$	3,190 3,800		Resi	minal Growth idual Value a sent Value Fa	t Ter	minal Year					\$	2.0% 8,196 0.4636
Present Value of Market Participant Cost Savings		\$	7,000			sent Value o			Flow				\$	3,800

⁽¹⁾ Cost savings are assumed to take full effect in Year 2 as the buyer integrates the business and incurs severance and other termination expenses.

FASB ASC 350 Example

Weighted Average Cost of Capital Calculation - Market Participant Cost Savings Valuation

Valuation Date: measurement date

A. Market-Based Capital Structure (1)

Equity 70.0% Debt 30.0%

B. Cost of Equity

Rf = Risk-free rate = U.S. Treasury 30 Year Bond Yield as of the measurement date

= 3.5%

B = Beta = a measure of the systematic risk or individual price volatility relative to the market

= 1.8

Rp = Equity risk premium = incremental return demanded by an average equity investor in S&P 500 stocks

= 6.0%

Rc = Size premium = additional risk that is unique to small companies

= 3.9%

Rs = Specific risk premium = additional risk that is unique to the subject company

= 2.0%

Cost of Equity = 3.5% + $(1.8 \times 6\%)$ + 3.9% + 2.0% = 19.9% (rounded)

C. Cost of Debt

Cost of Debt = 5.7% (2) Corporate Tax Rate = 38.6% (3)

After-tax Cost of Debt = (5.66% + 0%) * (1.0 - 38.554%) = 3.5% (rounded)

D. Weighted Average Cost of Capital

	Estimated Cost		Percentage of Total Capital	Weighted Contribution
Cost of Equity Cost of Debt	19.9% 3.5%	X	70%	= 13.9% = 1.1%
Estimated Weighted		x of Cap	30% ital - Rounded	= 15.0%

Notes:

- (1) Based on a peer group of market participants.
- (2) Based on the yield of corporate bonds of market participants as of the measurement date.
- (3) Represents statutory blended federal and state rates, adjusted for observable market participant assumptions.

ABC Company	
FASB ASC 350 Example	
Fair Value of Equity (Net Assets)	
Analysis of Assumed Transaction Structure	

US\$

Reporting Unit:	Eas	t Reporting Unit	
	Nontaxable Transaction	Taxable Transaction	-
Equity (Net Assets) Value (Fair Value of Gross Proceeds)	99,450,000 (1) 100,800,000	(1)
Tax Basis in Stock (Nontaxable)/Tangible & Intangible Assets (Taxable)	42,000,000 (2)58,000,000	(2)
Taxable Proceeds	57,450,000	42,800,000	
Applicable Tax Rate	38.6% (2) 38.6%	(2)
Taxes Arising From Transaction	22,150,000	16,500,000	
Economic Value to Seller	77,300,000	84,300,000	
Transaction Structure to Be Assumed for FASB ASC 350:	TAXA	ABLE	(3)

Schedule 3.9

Footnotes:

- (1) Based on reporting unit's discounted cash flow analysis, schedules 3.5 and 3.7.
- (2) Given. In practice, this amount should be determined in conjunction with tax advisers.
- (3) While the illustration in this guide concludes that the East Reporting Unit (ERU) is not impaired, if it was determined that the ERU failed step 1, then step 2 would be performed. See schedule 2.1 for an illustration of a step 2 test assuming a taxable transaction was the basis utilized in deriving the fair value of the ERU in step 1. For illustrative purposes only, schedule 2.2 depicts the step 2 calculation assuming a nontaxable transaction was the basis utilized in deriving the fair value of the ERU in step 1. Note that in practice, the step 2 test is performed only once, consistent with the assumed transaction structure (that is, taxable or nontaxable), in step 1.

FASB ASC 350 Example

Fair Value of Equity (Net Assets) - East Reporting Unit Market Approach: Guideline Public Company Method

US\$

Valuation Multiples	Weighting (1)	Selected Multiple	Financial Statistic	Preliminary Enterprise Value		Add: Cash & quivalents	Less: Fair Value of Debt (2	2)	dd: Equity Method estments (3)		sh-Adjusted Equity ue (Minority)
Last Twelve Months:											
Cash-Adjusted Enterprise Value / EBITDA (4)	40.0%	7.5 x	\$ 10,502,000	\$ 78,765,000	S	3,000,000	\$	_	\$ 6,000,000	\$	87,765,000
Cash-Adjusted Enterprise Value / Revenue	30.0%	1.3 x	\$ 60,450,000	78,585,000		3,000,000		-	\$ 6,000,000	\$	87,585,000
Next Twelve Months:											
Cash-Adjusted Enterprise Value / EBITDA	20.0%	6.5 x	\$ 12,302,500	\$ 79,966,250	\$	3,000,000	\$	-	\$ 6,000,000	\$	88,966,250
Cash-Adjusted Enterprise Value / Revenue	<u>10.0%</u> 100.0%	1.2 x	\$ 66,500,000	\$ 79,800,000	\$	3,000,000	\$	-	\$ 6,000,000	\$	88,800,000
Woighted Indicated Fair Value - Minerity Marketahl	lo Rasis (Poundad)			X						¢	99 100 000

Weighted Indicated Fair Value - Minority, Marketable Basis (Rounded)

\$ 88,100,000

- (1) Weighting is based on informed judgment, the depth, breadth, and comparability of underlying data and the appropriateness of the models used under each technique. When multiple valuation techniques are used, the results (respective indications of fair value) are evaluated and weighted, as appropriate, considering the reasonableness of the range indicated by those results.
- (2) No debt has been allocated to the reporting unit.
- (3) Represents a nonoperating asset not otherwise reflected in the technique.
- (4) Earnings Before Interest, Taxes, Depreciation, and Amortization.

Schedule 3.10.1 **FASB ASC 350 Example**

Fair Value of Equity (Net Assets) - East Unit

Market Approach: Guideline Public Company Method - Analysis of Guideline Group

(US\$ Millions)

, willions,			= (A)*(B)												
	(A)	(B)	(C)	(D)	(E)	(F) :	= (C)+(D)+(E)-(F)					Revenue	Multiples	EBITDA	Multiples
	Shares	. ,	Minority	. ,			_	Reve	nues	EBITDA	(c)	EV/ LTM	EV/ NY1	EV LTM	EV/ NY1
Company	Outstanding	Price	Market Cap	Other (a)	Debt	Cash	EV (b)	LTM	NY1	LTM	NY1	Revenue	Revenue	EBITDA	EBITDA
Guideline Co 1	85.0	\$41.00	3,485.0	-	850.0	71.0	4,264.0	2,928.6	3,221.5	512.5	612.1	1.5x	1.3x	8.3x	7.0x
Guideline Co 2	30.0	\$21.70	651.0	-	300.0	21.0	930.0	1,255.0	1,267.6	125.5	190.1	0.7x	0.7x	7.4x	4.9x
Guideline Co 3	280.0	\$16.81	4,706.8	-	301.0	59.0	4,948.8	2,990.5	3,259.6	747.6	831.2	1.7x	1.5x	6.6x	6.0x
Guideline Co 4	50.0	\$4.50	225.0	-	200.0	23.0	402.0	900.0	1,035.0	22.5	51.8	0.4x	0.4x	NM	7.8x
Guideline Co 5	150.0	\$11.12	1,668.0	_	1,000.0	43.00	2,625.0	1,713.2	1,884.5	296.4	339.2	1.5x	1.4x	8.9x	7.7x
Guideline Co 6	38.0	\$14.00	532.0	_	511.0	257.0	786.0	829.0	804.1	91.2	104.5	0.9x	1.0x	8.6x	7.5x
Guideline Co 7	126.0	\$6.80	856.8	_	340.0	12.00	1,184.8	736.7	810.4	132.6	158.0	1.6x	1.5x	8.9x	7.5x
Guideline Co 8	111.0	\$4.73	525.0	1.6	3.5	1.0	529.2	560.9	532.9	67.3	95.9	0.9x	1.0x	7.9x	5.5x
Guideline Co 9	30.0	\$7.68	230.4	-	205.0	11.00	424.4	407.6	428.0	49.7	81.3	1.0x	1.0x	8.5x	5.2x
Subject Compar	ny - East Unit							60.5	66.5	10.5	12.3				
						F	HIGH	2,990.5	3,259.6	747.6	831.2	1.7x	1.5x	8.9x	7.8x
						1	MEAN	1,369.1	1,471.5	227.3	273.8	1.2x	1.1x	8.1x	6.6x
							MEDIAN	900.0	1,035.0	125.5	158.0	1.0x	1.0x	8.4x	7.0x
							_OW	407.6	428.0	22.5	51.8	0.4x	0.4x	6.6x	4.9x

Selected Multiples

1.3x

1.2x

7.5x

6.5x

⁽a) Other includes preferred equity, minority interest, if applicable.
(b) Enterprise Value (EV) = market capitalization + preferred equity + minority interest + total debt - cash.
(c) Earnings Before Interest, Taxes, Depreciation & Amortization (EBITDA) = operating income + depreciation & amortization.

ABC Company

FASB ASC 350 Example

Fair Value of Equity (Net Assets) - East Unit

Market Approach: Guideline Public Company Method - Metrics Analysis

(US\$ Millions) Schedule 3.10.2

Company		Revenues		Revenue G	Growth			EBI	1	EBITDA Growth			
	LTM	NY1	NY2	NY1	NY2	LTM	NY1	NY2	LTM	NY1	NY2	NY1	NY2
Guideline Co 1	2,928.6	3,221.5	3,479.2	10.0%	8.0%	512.5	612.1	852.4	17.5%	19.0%	24.5%	19.4%	39.3%
Guideline Co 2	1,255.0	1,267.6	1,330.9	1.0%	5.0%	125.5	190.1	212.9	10.0%	15.0%	16.0%	51.5%	12.0%
Guideline Co 3	2,990.5	3,259.6	3,487.8	9.0%	7.0%	747.6	831.2	906.8	25.0%	25.5%	26.0%	11.2%	9.1%
Guideline Co 4	900.0	1,035.0	1,169.6	15.0%	13.0%	22.5	51.8	175.4	2.5%	5.0%	15.0%	130.0%	239.0%
Guideline Co 5	1,713.2	1,884.5	2,035.3	10.0%	8.0%	296.4	339.2	508.8	17.3%	18.0%	25.0%	14.5%	50.0%
Guideline Co 6	829.0	804.1	844.3	-3.0%	5.0%	91.2	104.5	126.7	11.0%	13.0%	15.0%	14.6%	21.2%
Guideline Co 7	736.7	810.4	875.2	10.0%	8.0%	132.6	158.0	218.8	18.0%	19.5%	25.0%	19.2%	38.5%
Guideline Co 8	560.9	532.9	612.8	-5.0%	15.0%	67.3	95.9	122.6	12.0%	18.0%	20.0%	42.5%	27.8%
Guideline Co 9	407.6	428.0	449.4	5.0%	5.0%	49.7	81.3	94.4	12.2%	19.0%	21.0%	63.5%	16.1%
Subject Company - East Unit	60.5	66.5	71.8	10.0%	8.0%	10.5	12.3	17.6	17.4%	18.5%	24.5%	17.1%	43.0%
HIGH	2,990.5	3,259.6	3,487.8	15.0%	15.0%	747.6	831.2	906.8	25.0%	25.5%	26.0%	130.0%	239.0%
MEAN	1,369.1	1,471.5	1,587.2	5.8%	8.2%	227.3	273.8	357.6	13.9%	16.9%	20.8%	40.7%	50.3%
MEDIAN	900.0	1,035.0	1,169.6	9.0%	8.0%	125.5	158.0	212.9	12.2%	18.0%	21.0%	19.4%	27.8%
LOW	407.6	428.0	449.4	-5.0%	5.0%	22.5	51.8	94.4	2.5%	5.0%	15.0%	11.2%	9.1%

FASB ASC 350 Example

Fair Value of Equity (Net Assets) - East Unit

Market Approach: Guideline Transaction Method - Indication of Value

US\$

Valuation Multiples	Weighting (1)	Selected Multiple	Financial Statistic	Preliminary Enterprise Value		Add: Cash & Equivalents	ess: Fair e of Debt (2)	<u>)</u>	Add: Equity Method Investments(3)	Ca	sh-Adjusted Equity Value
Latest Twelve Months: Enterprise Value / EBITDA (4) Enterprise Value / Revenue	70.0% 30.0%	9.0 x 1.5 x	10,502,000 60,450,000	94,518,000 90,675,000	\$ \$	3,000,000 3,000,000	- -	-	\$ 6,000,000 \$ 6,000,000	\$ \$	103,518,000 99,675,000
Indicated Fair Value - Control, Marketable Basis						•				<u>\$</u>	102,365,000

- (1) Weighting is based on informed judgment, the depth, breadth, and comparability of underlying data and the appropriateness of the models used under each technique. When multiple valuation techniques are used, the results (respective indications of fair value) are evaluated and weighted, as appropriate, considereing the reasonableness of the range indicated by those results.
- (2) No debt has been allocated to the reporting unit.
- (3) Represents a nonoperating asset not otherwise reflected in the technique.
- (4) Earnings Before Interest, Taxes, Depreciation, and Amortization.

FASB ASC 350 Example

Fair Value of Equity (Net Assets) - East Unit

Market Approach: Guideline Transaction Method - Transaction Data (US\$ Millions)

Millions)						
			Implied	Multip	les	1 month prior
		Date	Enterprise	EV/	EV/	Control
Target Company	Acquirer	Completed	Value	Revenue	EBITDA	Premium
Target 1	Acquirer 1	12/15/201X	561.6	2.0x	9.8x	26%
Target 2	Acquirer 2	11/25/201X	311.2	0.5x	6.8x	-
Target 3	Acquirer 3	9/27/201X	237.4	1.5x	7.0x	11%
Target 4	Acquirer 4	9/18/201X	119.0	1.5x	nm	-
Target 5	Acquirer 5	9/10/201X	179.0	1.6x	-	-
Target 6	Acquirer 6	8/24/201X	293.5	1.0x	10.5x	27%
Target 7	Acquirer 7	7/26/201X	67.7	1.4x	11.8x	31%
Target 8	Acquirer 8	6/24/201X	77.4	2.0x	nm	-
Target 9	Acquirer 9	6/20/201X	199.9	0.7x	12.5x	-
Target 10	Acquirer 10	6/13/201X	926.1	0.5x	7.9x	-2%
Target 11	Acquirer 11	5/22/201X	147.5	0.7x	7.6x	-
Target 12	Acquirer 12	5/21/201X	259.8	0.8x	9.0x	-
Target 13	Acquirer 13	2/19/201X	2,251.5	2.8x	nm	20%
Target 14	Acquirer 14	2/11/201X	175.0	1.8x	-	-
		HIGH	2,251.5	2.8x	12.5x	31%
		MEAN	414.7	1.3x	9.2x	19%
		MEDIAN	218.7	1.5x	9.0x	23%
		LOW	67.7	0.5x	6.8x	-2%
		Selected Multiples		1.5x	9.0x	
	<u>L</u>				2.0.1	

FASB ASC 350 Example
Summary of Step 1 Goodwill Impairment Test - East Reporting Unit
Fair Value of Reporting Unit

Taxable Transaction	Discounted Cash Flow Method	Cash Flow Company		Guideline Transaction Method	
Enterprise Value (Minority, Marketable) Control Premium	NA NA	\$	88,100,000 20% (1)	NA NA	
Enterprise Value (Control, Marketable)	100,800,000		103,920,000	102,365,000	
Weighting (2)	60%		20%	20%	
	60,480,000		20,784,000	20,473,000	

Fair Value of Equity (Net Assets) - East Unit 101,740,000

- (1) Represents a comprehensive premium that includes synergies and all other elements of control available to a market participant in a control transaction including any assumed tax shield associated with a step up in basis. Preparers should carefully assess individual facts and circumstances in applying control premiums and ensure that the level of documentation and support is consistent with magnitude of the control premium applied. In the guideline public company method, the control premium was applied to the indicated value excluding cash balances and non-operating asset. Cash and non-operating asset are added to the indication after application of the premium.
- (2) Weighting is based on informed judgment, the depth, breadth, and comparability of underlying data and the appropriateness of the models used under each technique. When multiple valuation techniques are used, the results (respective indications of fair value) are evaluated and weighted, as appropriate, considereing the reasonableness of the range indicated by those results.

FASB ASC 350 Example

Fair Value of Equity (Net Assets)

Comparison to Market Capitalization - Consolidated

US\$

Summary of Fair Values Supporting ASC 3	50 Good	dwill Impairment To	est			
	Carrying Amount			Fair Value		
East Reporting Unit West Reporting Unit (Given) Corporate (Given) (1)	\$	83,333,667 39,920,381 (26,464,286)	\$	101,740,000 50,000,000 (28,500,000)		
Total Consolidated Equity Value	\$	96,789,762	\$	123,240,000		
Concluded Consolidated Equity Value for Impairment Testing Market Data		(A)	\$	123,240,000		
Measurement Date Share Price (2)			\$	19.00		
Total Number of Shares Outstanding	7			5,000,000		
Market Value of Equity				95,000,000		
Fair Value of Noncontrolling Interest (Given)		(3)		10,000,000		
Market Value of Total Equity		(B)	\$	105,000,000		
Comparison to Market C	apitaliza	tion				
Concluded Consolidated Equity Value for Impairment Testing			\$	123,240,000		
Market Value of Total Equity			\$	105,000,000		
Implied Premium (\$)			\$	18,240,000		
Implied Premium (%)		((A)/(B))-1		17.4%		

Footnotes:

- (1) Fair value less than carrying amount due to unallocated corporate expenses
- (2) Based on a representative horizon of stable pricing
- (3) As of measurement date, this amount does not reflect any adjustment for lack of control.

Comments

The 17.4% implied premium in this schedule is cosistent with the ranges presented in schedule 3.11.1, and is considered reasonable. See schedule 3.14, for additional analysis of reconciling items (discussed in paragraph 3.97).

ABC Company FASB ASC 350 Example

Schedule 3.14

Fair Value of Equity (Net Assets)

Comparison to Market Capitalization - Reconciling Items

US\$

Comparison to Market Capitalization - Re	econciling Components	
Concluded Consolidated Equity Value for Impairment Testing (A)	\$	123,240,000
Market Value of Total Equity (B)	\$	105,000,000
Implied Premium (\$)	\$	18,240,000
Implied Premium (%)	((A)/(B))-1	17.4%
Identified Components of the Implied Premium		
Cost Savings - East	\$	7,000,000
Cost Savings - West (Given)		5,500,000
Fair Value Step-up From Taxable Transaction Assumption		1,350,000
Total Identified Components of Implied Premium		13,850,000
Total Unidentified Components of Implied Premium	(4)	4,390,000

Comments:

This schedule is a continuation of schedule 3.13, and identifies components that explain some of the differences between aggregate fair value used in impairment testing with the observable market capitalization of the company. The nature and extent of further reconciliation will be based on specific facts and circumstances. In general, the task force believes that larger differences in the two observations would require a higher level of documentation and support.

FASB ASC 350 Example

Fair Value of Equity (Net Assets)

Second Step of the Goodwill Impairment Test - Taxable Transaction

US\$	Historical Cost	FASB ASC 805			
	East	Adjustments	FASB ASC 805 Step 2		
	Reporting Unit	(Given)			
Assets					
Cash & Equivalents	\$ 3,000,000	\$ -	\$ 3,000,000		
Accounts Receivable, Net	10,300,000	(400,000)	9,900,000		
Allowance	(400,000)	400,000	-		
Inventories	1,500,000	250,000	1,750,000		
Inter-Company Due To/From	(3,000,000)	-	(3,000,000)		
Prepaid Expenses & Other	150,000		150,000		
Total Current Assets	11,550,000	250,000	11,800,000		
Property, Plant & Equipment					
Gross Property, Plant & Equipment	13,250,000	(1,250,000)	12,000,000		
Less: Accumulated Depreciation	(883,333)	883,333			
Net Property, Plant & Equipment	12,366,667	(366,667)	12,000,000		
Intangible Assets (Other than Goodwill), Ne	et of Amortization				
Covenants Not to Compete	2,250,000	(500,000)	1,750,000		
Trade Secrets	6,000,000	500,000	6,500,000		
Brandname (previously unrecognized)	-	2,000,000	2,000,000		
Product Trade Name	6,000,000	2,000,000	8,000,000		
Favorable Leases	4,920,000	(220,000)	4,700,000		
Customer Relationships	10,800,000	(1,500,000)	9,300,000		
Accumulated Amortization	(2,753,000)	2,753,000			
Total Net Intangible Assets	27,217,000	5,033,000	32,250,000		
Other Assets					
Equity Method Investments	6,000,000		6,000,000		
Total Other Assets	6,000,000		6,000,000		
Goodwill	39,000,000	(39,000,000)	-		
Total Assets	\$ 96,133,667	\$ (34,083,667)	\$ 62,050,000		
Liabilities & Equity					
Accounts Payable	6,600,000	-	6,600,000		
Accrued Salaries and Wages	1,200,000		1,200,000		
Total Current Liabilities	7,800,000	-	7,800,000		
Deferred Tax Liability (1)	5,000,000	(5,000,000)	-		

Equ	ity
-----	-----

Shareholder's Equity		73,333,667		(73,333,667)	-
Noncontrolling Interest (2)		10,000,000		(10,000,000)	<u>-</u>
Total Equity		83,333,667		(83,333,667)	-
Total Liabilities & Equity	<u>\$</u>	96,133,667	\$	(88,333,667)	\$ 7,800,000
Identifiable Assets and Liabilities Meas	sured as	per FASB ASC	805		\$ 54,250,000
Step 1 Fair Value (Given)					80,000,000
Implied Fair Value of Reporting Unit Go	odwill				25,750,000
Carrying Value of Reporting Unit Goods	will				39,000,000
Impairment					\$ (13,250,000)

- (1) To eliminate deferred taxes consistent with a taxable transaction
- (2) Step 1 Fair Value (Given)

FASB ASC 350 Example

Fair Value of Equity (Net Assets)

Second Step of the Goodwill Impairment Test - Nontaxable Transaction

US \$	Historical Cost	FASB ASC 805			
	East Adjustments		FASB ASC 805		
	Reporting Unit	(Given)	Step 2		
Assets					
Cash & Equivalents	\$ 3,000,000	\$ -	\$ 3,000,000		
Accounts Receivable, Net	10,300,000	(400,000)	9,900,000		
Allowance	(400,000)	400,000	-		
Inventories	1,500,000	250,000	1,750,000		
Inter-Company Due To/From	(3,000,000)	-	(3,000,000		
Prepaid Expenses & Other	150,000		150,000		
Total Current Assets	11,550,000	250,000	11,800,000		
Property, Plant & Equipment					
Gross Property, Plant & Equipment	13,250,000	(1,250,000)	12,000,000		
Less: Accumulated Depreciation	(883,333)	883,333			
Net Property, Plant & Equipment	12,366,667	(366,667)	12,000,000		
Intangible Assets (Other than Goodwill), Ne	et of Amortization				
Covenants Not to Compete	2,250,000	(500,000)	1,750,000		
Trade Secrets	6,000,000	500,000	6,500,000		
Brandname (previously unrecognized)	-	2,000,000	2,000,000		
Product Trade Name	6,000,000	2,000,000	8,000,000		
Favorable Leases	4,920,000	(220,000)	4,700,000		
Customer Relationships	10,800,000	(1,500,000)	9,300,000		
Accumulated Amortization	(2,753,000)	2,753,000			
Total Net Intangible Assets	27,217,000	5,033,000	32,250,000		
Other Assets					
Equity Method Investments	6,000,000	_	6,000,000		
Total Other Assets	6,000,000		6,000,000		
Goodwill	39,000,000	(39,000,000)	-		
Total Assets	\$ 96,133,667	\$ (34,083,667)	\$ 62,050,000		
Liabilities & Equity					
Accounts Payable	6,600,000	_	6,600,000		
Accrued Salaries and Wages	1,200,000	_	1,200,000		
Total Current Liabilities	7,800,000		7,800,000		
Total Outfort Elabilities	7,000,000	-	7,000,000		
Deferred Tax Liability (1)	5,000,000	1,894,952	6,894,952		
Deferred Tax Liability (1)	5,000,000	1,894,952	6,894,952		

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Shareholder's Equity		73,333,667		(73,333,667)		-
Noncontrolling Interest (2)		10,000,000		(10,000,000)		-
Total Equity		83,333,667		(83,333,667)		-
Total Liabilities & Equity	\$	96,133,667	\$	(81,438,715)	\$	14,694,952
Identifiable Assets and Liabilities Measure	d in	Accordance w	rith ASC 805		\$	47,355,048
Step 1 Fair Value (Given)						74,000,000
Implied Fair Value of Reporting Unit Goody	vill					26,644,952
Carrying Value of Reporting Unit Goodwill					P	39,000,000
Impairment					\$	(12,355,048)

- (1) To record deferred tax effects associated with changes in values of assets and liabilities. Tax rate based on schedule 3.9.
- (2) To eliminate historical goodwill and equity