

Fourth-Quarter and Full-Year 2010 Review

February 14, 2011

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Safe Harbor Statement

This presentation contains “forward-looking statements” within the meaning of the Private Securities Litigation Reform Act of 1995 that reflect Atlas Air Worldwide Holdings Inc.’s (AAWW) current views with respect to certain current and future events and financial performance. Such forward-looking statements are and will be, as the case may be, subject to many risks, uncertainties and factors relating to the operations and business environments of AAWW and its subsidiaries that may cause actual results to be materially different from any future results, express or implied, in such forward-looking statements.

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This presentation also includes some non-GAAP financial measures. You can find our presentations on the most directly comparable GAAP financial measures calculated in accordance with accounting principles generally accepted in the United States and our reconciliations in our earnings release dated February 14, 2011, which is posted on our Web site at www.atlasair.com.

AAWW Key Takeaways

*2010 was
an excellent
year!*

Record earnings in 2010

Demand in
our market is solid

**Strong growth outlook
continues for 2011**

We're transforming to
**higher sustained earnings
levels** over the next three
years and beyond

2011 Financial Guidance

2011 EPS in excess of \$5.30
per diluted share

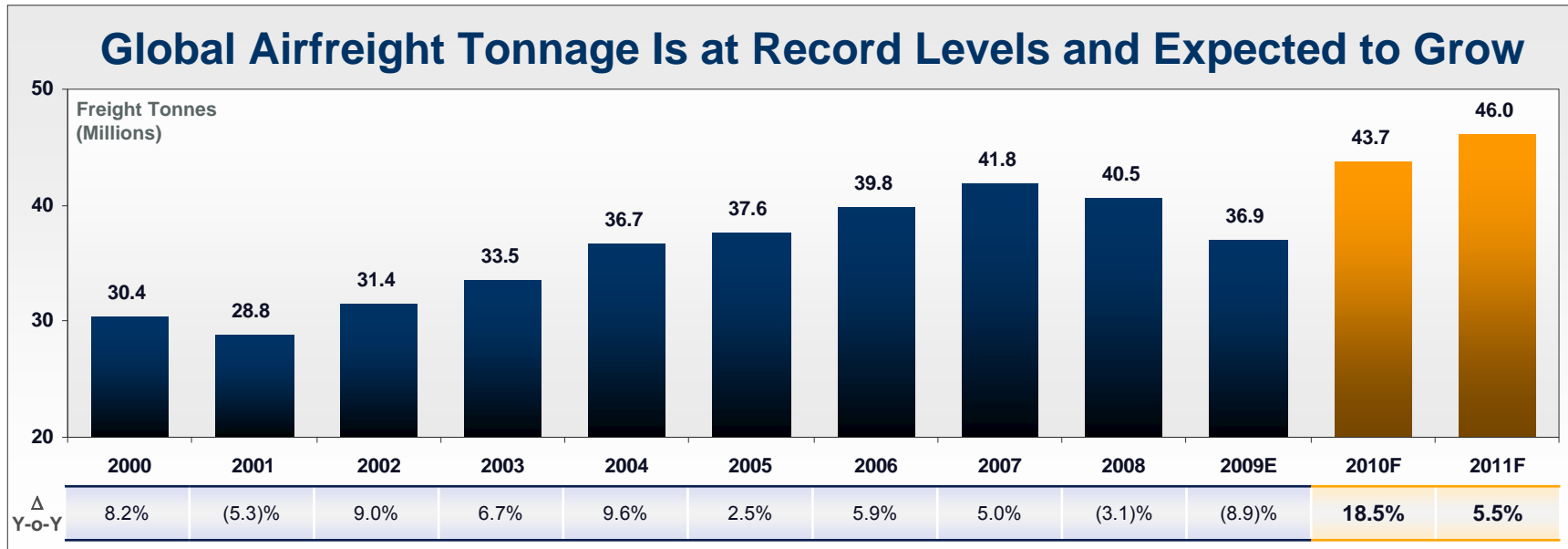
- Assumes three 747-8Fs placed into service in 4Q 2011

2011 pretax earnings margin
expected to exceed 15%



Strong Market Outlook

- 2010 was a record year for commercial airfreight demand
 - Benefiting our ACMI customers and our Commercial Charter operations
 - Contributed to a record year for AAWW
- Supported by tight wide-body freighter supply
- Strong peak season in 2010, with full-year ACMI customer utilization ~ 8% above minimum contractual block hours
- Positive momentum into 2011 and beyond



Source: ICAO 2001 – 2008, IATA 2009 – 2011, IATA – December 2010

Recent Business Developments

ACMI

- New service for TNT Express
- Second aircraft with Panalpina
- Two additional aircraft (7 and 8) for DHL Express

CMI

- 747-400 Dreamlifter service for Boeing – 4 aircraft
- 747-400 passenger service for SonAir – 2 aircraft

Additional Lift Capacity

- Adding two 747-400 Boeing Converted Freighters

Financing

- Closed permanent financing on 747-8 deliveries two and three

2010 Summary

Both our
**fourth-quarter
and full-year
earnings reflect...**

- The **strategic actions we have taken** to transform our business and reduce our commercial and operating risk
- The complementary nature of our business segments and **our ability to optimize capacity allocations** among them
- **Our ability to leverage the global scale and scope of our business** to capitalize on profitable market opportunities and strong market conditions
- **The innovative, value-added solutions we deliver for our customers**

2010 Summary (continued)

Both our
**fourth-quarter
and full-year
earnings reflect...**

earnings reflect...
and full-year

- A solid track record of execution
- Sustainable core earnings growth
- The global nature of our business
- Global airfreight tonnage at record levels and **expected to grow**
 - Above-average growth on Asian routes—*where we fly*
- Tight wide-body freighter supply

As a result, our full-year adjusted net income increased 102%, and our full-year adjusted diluted EPS rose 69%*.

* See Appendix for GAAP reconciliations of special items for the twelve months ended December 31, 2009 and 2010

Full-Year 2010 Highlights

Delivered full-year adjusted net income of \$150.0* million (up 102%) and diluted EPS of \$5.75* (up 69%)

Achieved full-year operating revenue of \$1.34 billion

- Growth of 26%
- Improved ACMI and Commercial Charter volumes
- Also higher AMC and Commercial Charter rates

Improved adjusted pretax margin by 6.5* ppts., to 17.7%

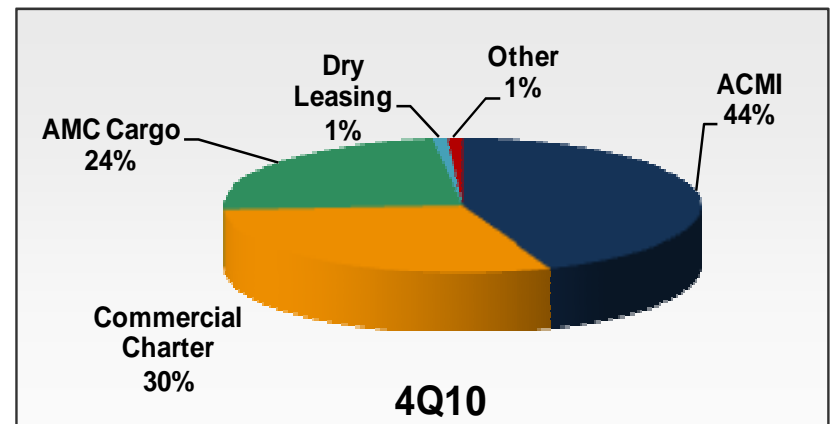
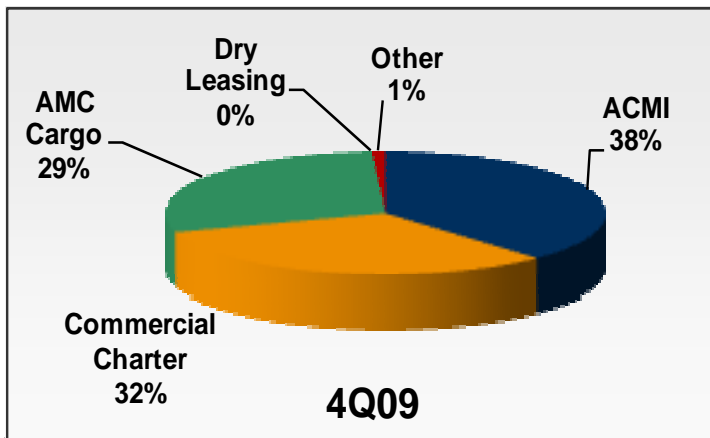
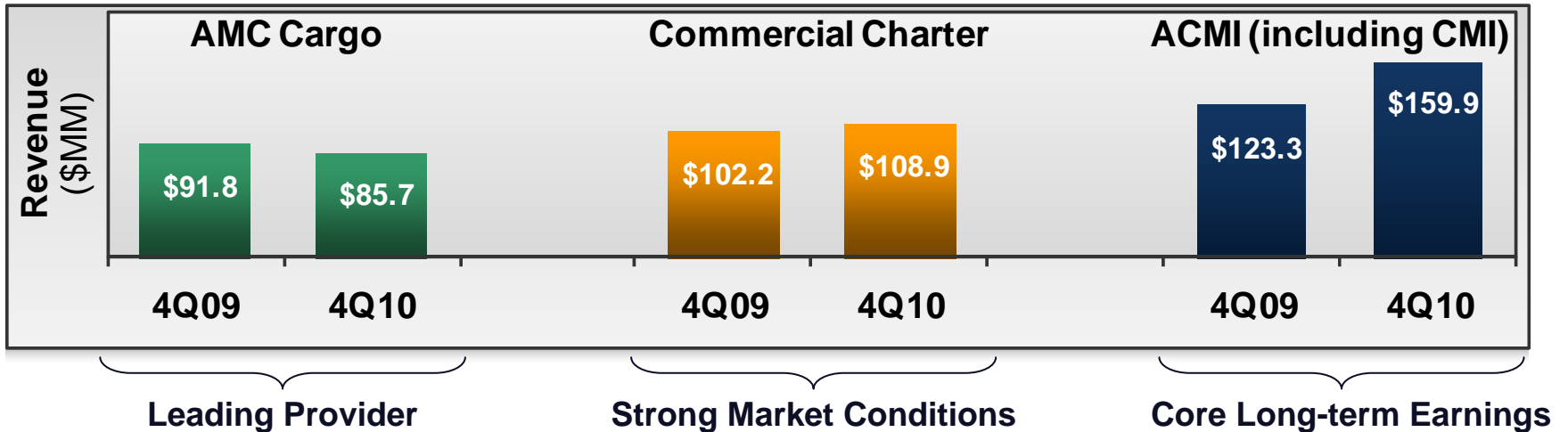
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Fourth-Quarter Selected Financial Performance

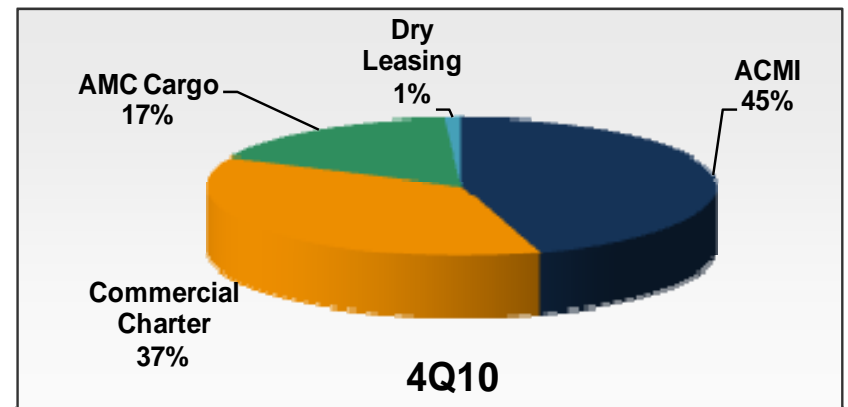
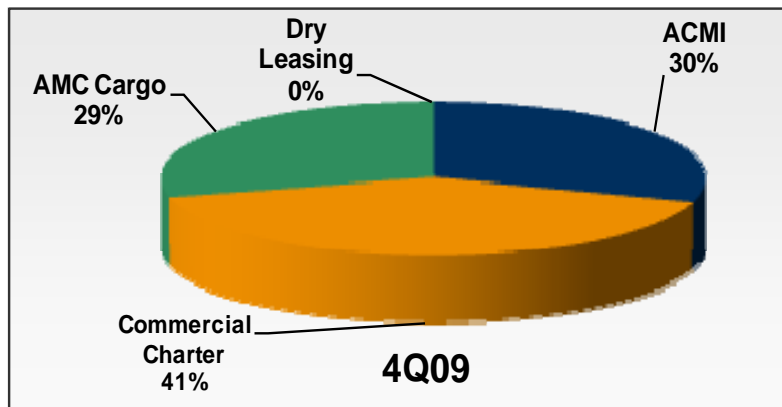
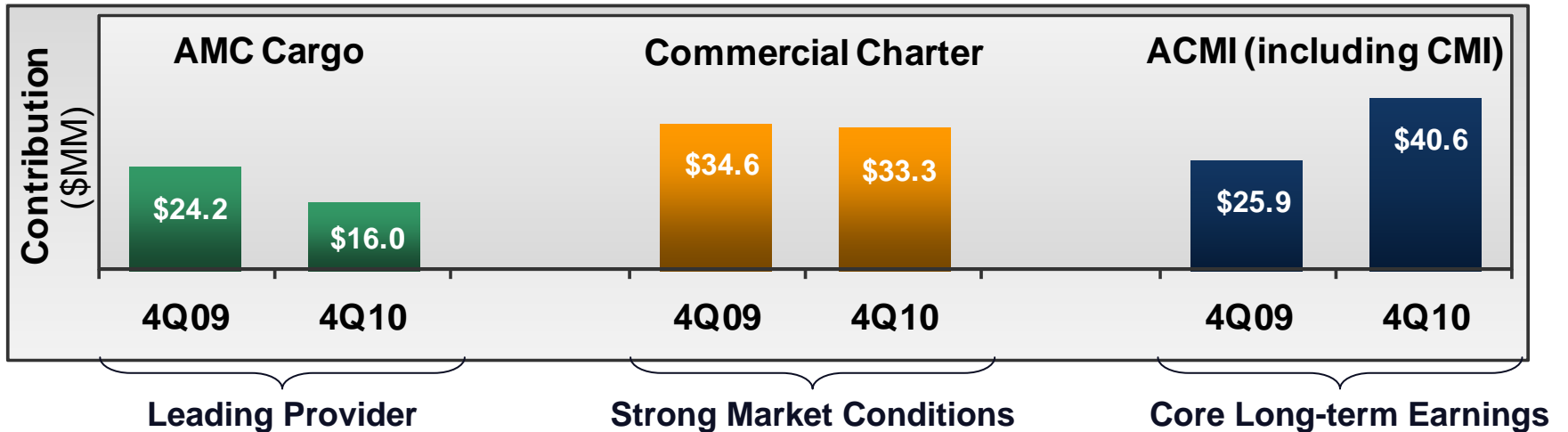
\$ in millions, except per share data	4Q 2010 Adjusted		4Q 2009 Adjusted		YoY Non-GAAP Growth %
Operating revenue	\$	359.7	\$	321.6	11.9
Operating expenses		298.2		261.2	14.2
Operating income		61.5		60.4	1.8
Net income	\$	41.4	\$	33.5	23.5
Diluted EPS	\$	1.58	\$	1.38	14.5

* See Appendix for GAAP reconciliations of special items for the three months ended December 31, 2009 and 2010.

4Q10 vs. 4Q09 Revenue by Segment

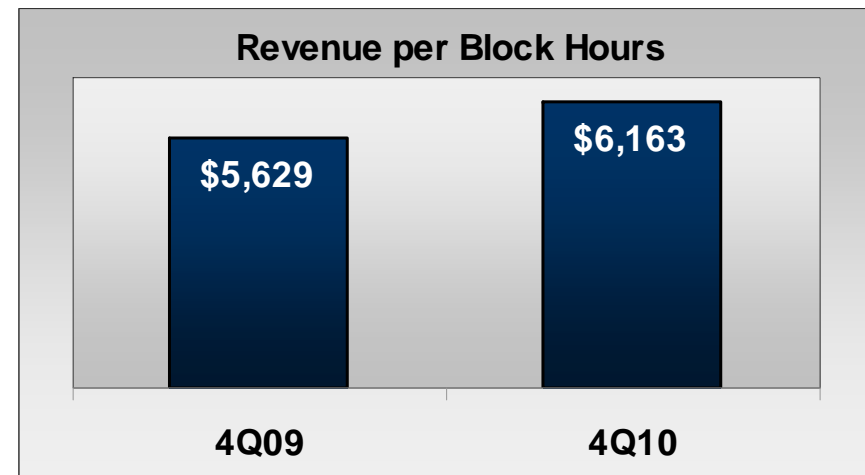
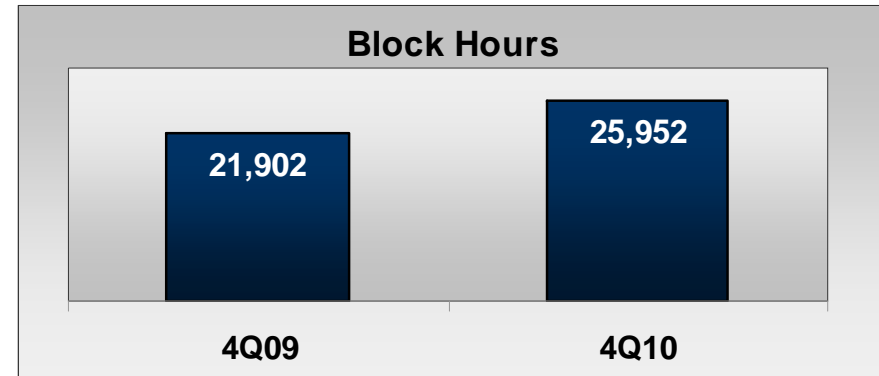


4Q10 vs. 4Q09 Segment Contribution



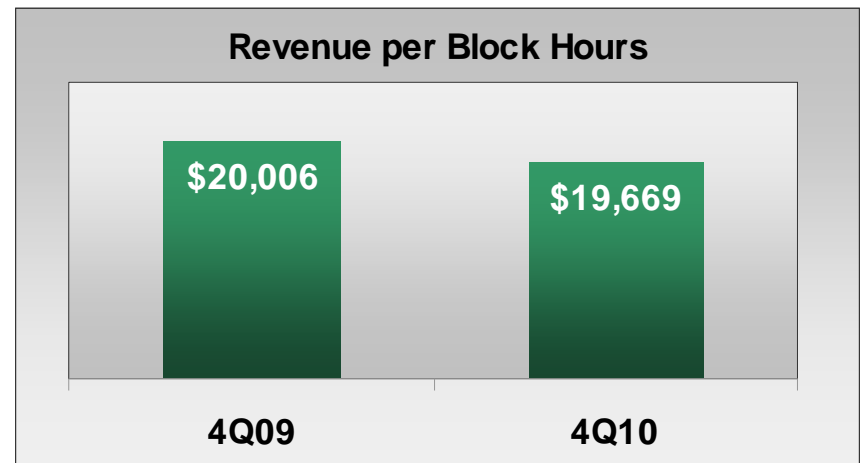
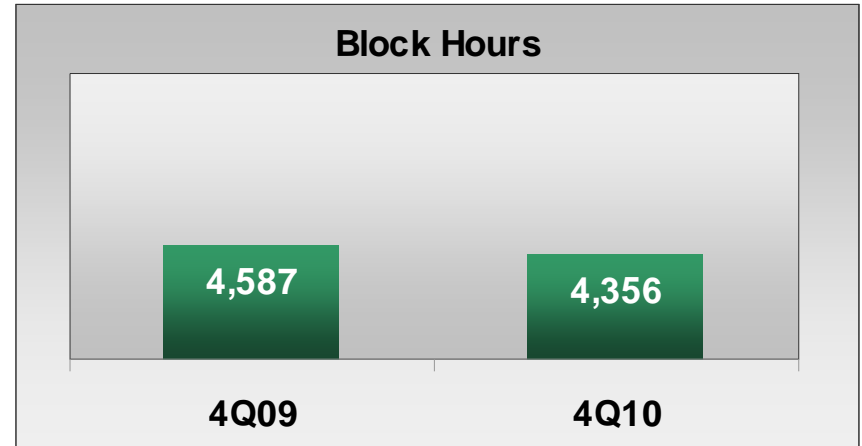
ACMI (Including CMI)

- Sustainable core earnings
- Improved block-hour volumes
- New ACMI agreements with TNT Express and Panalpina
- 19 of our 22 747-400 freighters in active ACMI service
- Customers continued to fly 6.6% above their minimum contractual block hours
- CMI: Continued startup of 9-year flying for Boeing; second full quarter of long-term passenger CMI for SonAir
 - Both expected to have a tangible impact beginning in 2011



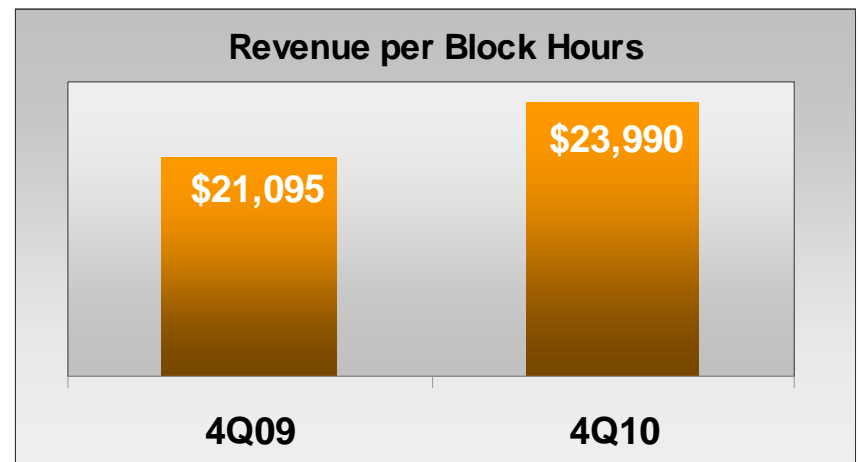
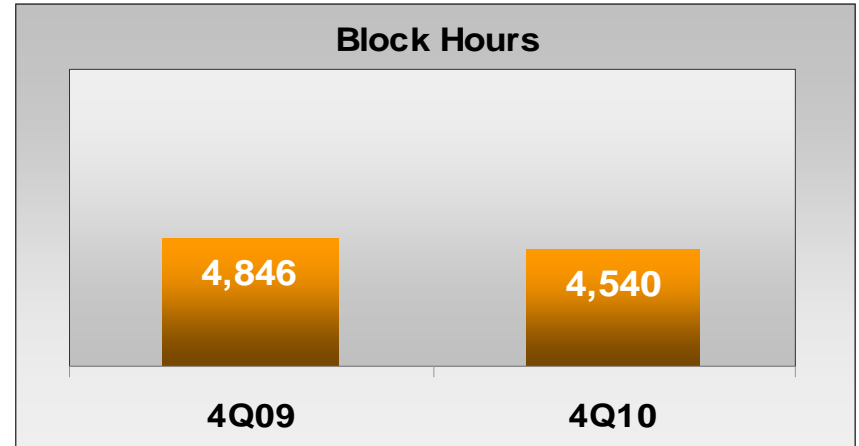
AMC Charter

- Lower block-hour volumes reflected a moderate reduction in flying to support U.S. military activity in Afghanistan
- Revenue rates reflected the cessation of premium-rate, mission-specified 747-400 flights for M-ATVs



Commercial Charter

- Improved block-hour rates
- Continued strong demand for airfreight out of Asia
- Benefited from one-way AMC flights
- Tight supply in global wide-body, long-haul, freighter capacity



Balance Sheet & Financial Ratios

In \$Millions	4Q10	4Q09
Cash, Equivalents & S-T Investments	595.1	636.3
Total Balance Sheet Debt	487.2	565.5
Leverage Ratio, Net	2.5	3.1

AAWW Key Takeaways

*Transformative
Growth
Underway!*

Record earnings in 2010

Demand in
our market is solid

**Strong growth outlook
continues for 2011**

We're transforming to
**higher sustained earnings
levels** over the next three
years and beyond

Appendix

Fourth-Quarter and Full-Year 2010 Review



Income Statement

In \$Millions	4Q10	4Q09	YoY
Total Revenue	\$359.7	\$321.6	11.9%
Aircraft Fuel	77.9	72.3	7.7%
Maintenance	58.1	39.4	47.5%
Labor	60.5	58.4	3.6%
Operating Expenses	298.2	269.4	10.7%
Income taxes	19.8	18.0	10.0%
Net Income	41.6	28.3	47.0%
<i>Margin%</i>	<i>11.6%</i>	<i>8.8%</i>	<i>2.8</i>
EBT	62.3	46.1	35.1%
<i>Margin%</i>	<i>17.3%</i>	<i>14.3%</i>	<i>3.0</i>
EBITDAR	109.2	106.8	2.2%
<i>Margin%</i>	<i>30.4%</i>	<i>33.2%</i>	<i>-2.8</i>

Cash Flow Statement

In \$Millions	4Q10	4Q09
Beginning Balance	545.3	480.1
Cash from operating activities	66.5	88.9
Capital Expenditures	(10.4)	(24.3)
Other investing activities	(1.3)	29.0
Cash (used in) from investing activities	(11.7)	4.7
Payments on Debt	(11.8)	(73.4)
Other financing activities	0.6	113.4
Cash (used in) from financing activities	(11.2)	40.0
Ending Balance	588.9	613.7

Operating Statistics Summary

	4Q10	4Q09	YoY
Fleet (avg. during the period)	30.4	26.8	13.4%
Block Hours			
ACMI	25,952	21,902	18.5%
AMC Charter	4,356	4,587	-5.0%
Commercial Charter	4,540	4,846	-6.3%
Non revenue	181	145	24.8%
Revenue Per Block Hour			
ACMI	\$ 6,163	\$ 5,629	9.5%
AMC Charter	19,669	20,006	-1.7%
Commercial Charter	23,990	21,095	13.7%
Fuel			
AMC			
Average fuel cost per gallon	\$ 2.68	\$ 2.68	-
Fuel gallons consumed (000s)	13,992	13,916	0.5%
Commercial Charter			
Average fuel cost per gallon	\$ 2.51	\$ 2.14	17.3%
Fuel gallons consumed (000s)	16,094	16,336	-1.5%

Reconciliation to Non-GAAP Measures

	For the Three Months Ended December 31, 2010			For the Three Months Ended December 31, 2009		
	Actual	Special Items*	As Adjusted	Actual	Special Items*	As Adjusted
Income before income taxes	\$ 62,298	\$ (192)	\$ 62,106	\$ 46,121	\$ 8,216	\$ 54,337
Less income tax expense	19,768	(22)	19,746	17,986	3,040	21,026
Net income	42,530	(170)	42,360	28,135	5,176	33,311
Less net loss attributable to non-controlling interests	970	-	970	(204)	-	(204)
Net income attributable to Common Stockholders	\$ 41,560	\$ (170)	\$ 41,390	\$ 28,339	\$ 5,176	\$ 33,515
Earnings per share:						
Basic	\$ 1.60	\$ (0.00)	\$ 1.60	\$ 1.19	\$ 0.21	\$ 1.40
Diluted	\$ 1.58	\$ (0.00)	\$ 1.58	\$ 1.17	\$ 0.21	\$ 1.38

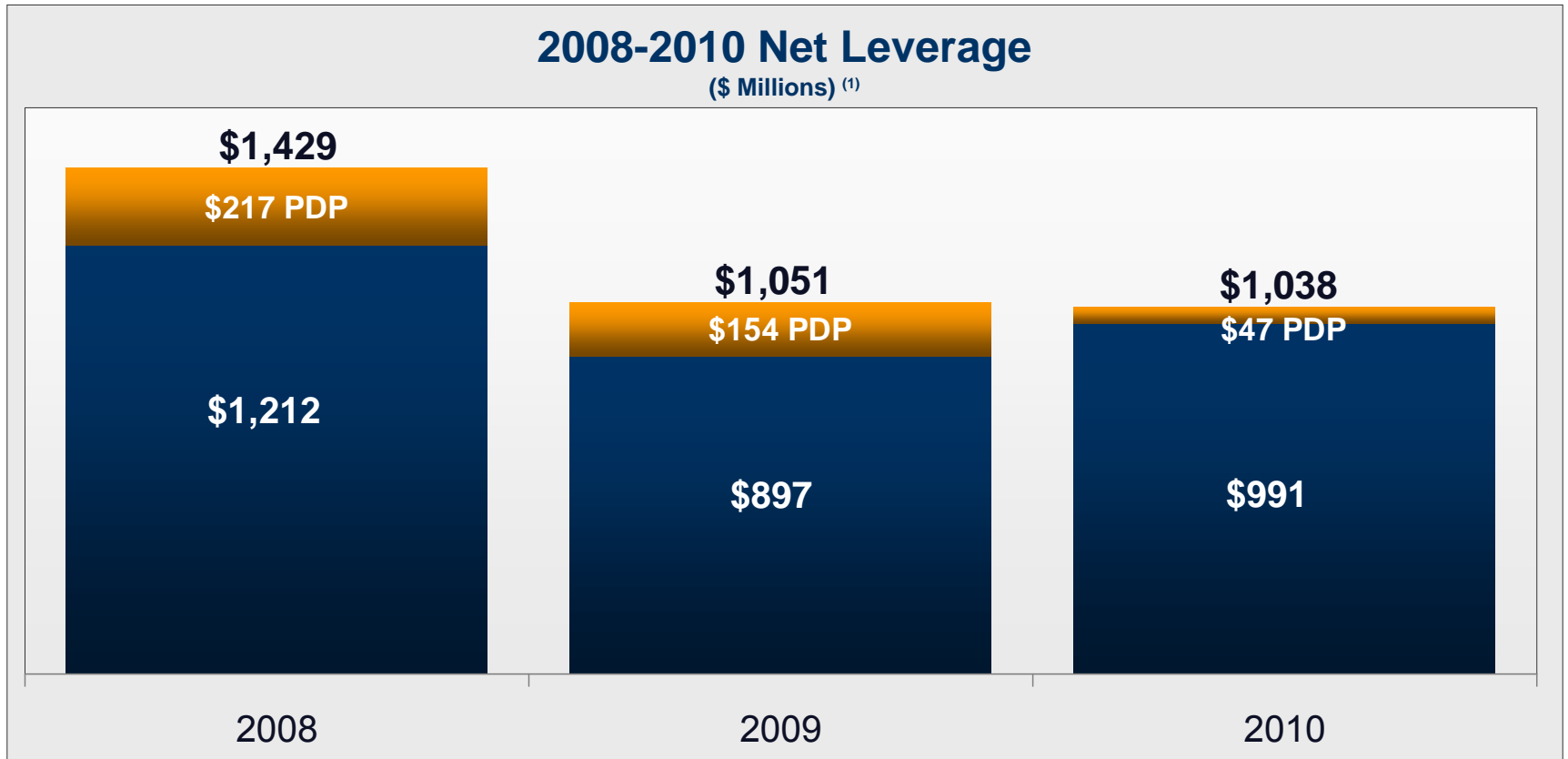
* Special items are comprised of: 4Q10 – Net reduction for legal settlements - \$132; gain on disposal of aircraft - \$60; 4Q09 – Special charge - \$8,216.

Reconciliation to Non-GAAP Measures

	For the Twelve Months Ended December 31, 2010			For the Twelve Months Ended December 31, 2009		
	Actual	Special Items*	As Adjusted	Actual	Special Items*	As Adjusted
Income before income taxes	\$ 233,110	\$ 3,717	\$ 236,827	\$ 124,096	\$ (5,563)	\$ 118,533
Less income tax expense	90,154	(4,483)	85,671	47,940	(2,058)	45,882
Net income	142,956	8,200	151,156	76,156	(3,505)	72,651
Less net loss attributable to non-controlling interests	1,146	-	1,146	(1,620)	-	(1,620)
Net income attributable to Common Stockholders	\$ 141,810	\$ 8,200	\$ 150,010	\$ 77,776	\$ (3,505)	\$ 74,271
Earnings per share:						
Basic	\$ 5.50	\$ 0.32	\$ 5.82	\$ 3.59	\$ (0.16)	\$ 3.43
Diluted	\$ 5.44	\$ 0.31	\$ 5.75	\$ 3.56	\$ (0.16)	\$ 3.40

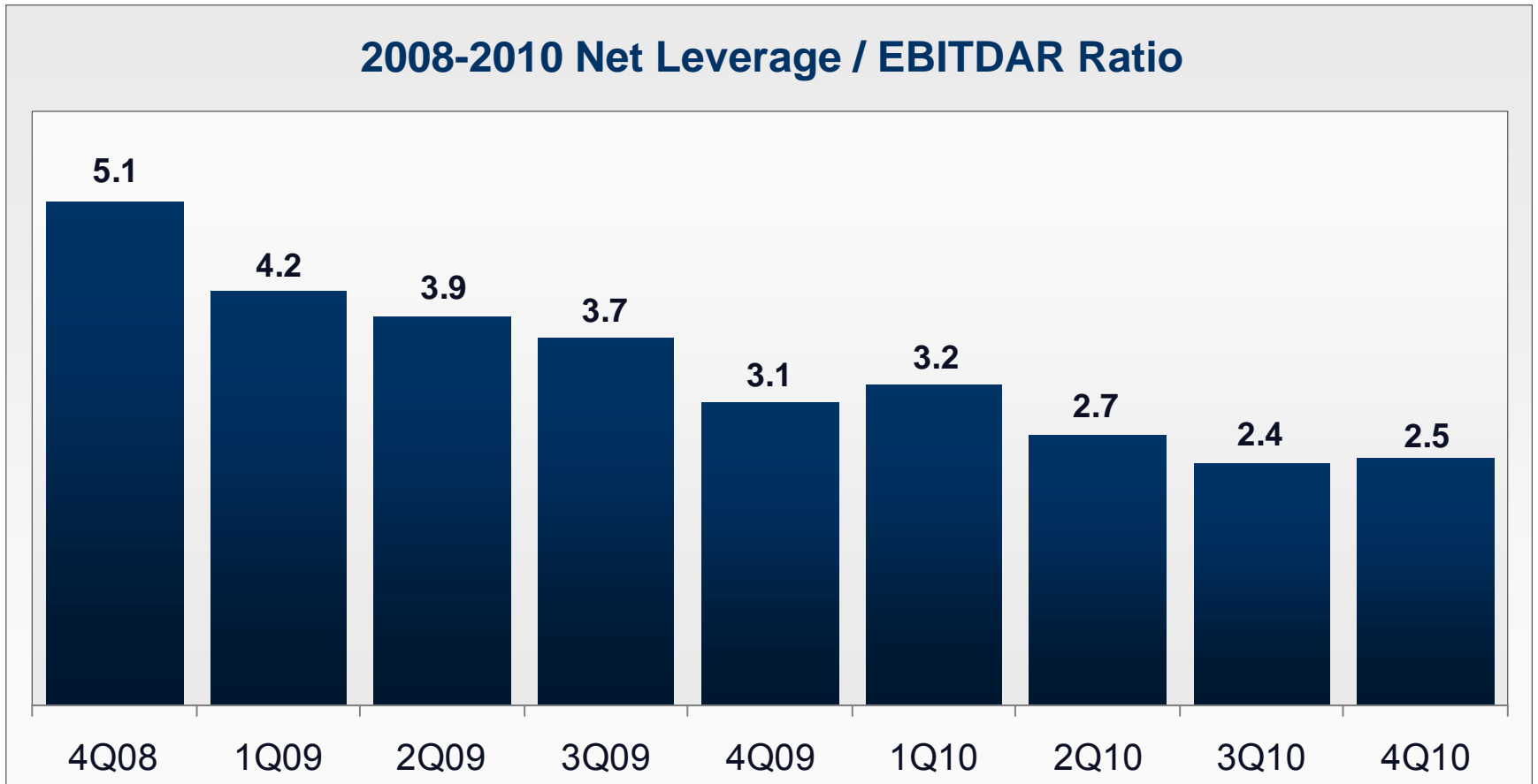
* Twelve Months Ended December 31, 2010 – Net expense for legal settlements - \$16,068; litigation settlement received - \$8,750; gain on disposal of aircraft - \$3,601.
 Twelve Months Ended December 31, 2009 – Contract termination fee - \$10,000; special charge - \$8,216; gain on early retirement of debt - \$2,713; gain on disposal of aircraft - \$953; gain on consolidation of subsidiary - \$113.

AAWW Net Leverage



(1) Net Leverage = (Face Debt + Capitalized Rents) – (Cash & S-T Investments)

AAWW Leverage Trends





Thank you.