



INTERIM RESULTS 2013

AGENDA

Welcome	Mark Rollins	CEO
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Interim Results	Bindi Foyle	FC
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Markets & Outlook	Mark Rollins	CEO
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2013 INTERIM RESULTS

FINANCIAL HIGHLIGHTS

	H1 2013	H1 2012	Change ⁽¹⁾
Revenue	£399.3m	£377.2m	+6% ⁽²⁾
Adjusted Operating Profit	£53.3m	£50.7m	+5% ⁽³⁾
Adjusted Operating Margin	13.3%	13.5%	-0.2ppts ⁽⁴⁾
Adjusted Profit before Tax	£48.3m	£45.5m	+6%
Adjusted Earnings per Share	9.31p	8.57p	+9%
Interim Dividend	1.52p	1.38p	+10%
Free Cash Flow	£28.1m	£27.7m	+1%
Net Borrowings - June	£65.5m	£74.8m	£9m decrease
Net Borrowings - Dec. 2012		£70.9m	£5m decrease

(1) Includes results of discontinued operations up to date of disposal.

(2) Revenue increased by 5% on a constant currency basis; organic revenue (excluding acquisitions and discontinued operations) increased by 2% on a constant currency basis.

(3) Adjusted operating profit increased by 4% on a constant currency basis; organic adjusted operating profit (excluding acquisitions and discontinued operations) increased by 2% on a constant currency basis.

(4) Organic adjusted operating margin (excluding acquisitions and discontinued operations) on a constant currency basis is 13.6% (2012: 13.7%).

AEROSPACE RESULTS – constant exchange rates⁽²⁾

	Turnover £m			Adj Operating Profit ⁽¹⁾ £m			Margin on Sales	
	2013	2012	Change	2013	2012	Change	2013	2012
Total	254.2	246.7	+3.0%	36.8	37.1	-0.8%	14.5%	15.0%
Organic growth ⁽³⁾	252.6	246.7	+2.4%	36.6	37.1	-1.3%	14.5%	15.0%
	Large Commercial ⁽³⁾ +£13m +10%			Weston facility move costs £0.6m				
	Military and Defence ⁽³⁾ -£4m -6%			Higher development costs £0.8m				
	Non-Aerospace ⁽³⁾ -£3m -12%							

- ⇒ Healthy growth in **large commercial aircraft** sector; build rate increases as anticipated
 - Boeing 787, 777 and 737; Airbus A320 and A330
- ⇒ As expected, weaker activity in **military and defence** sector
 - Black Hawk and C-130J build rates declined broadly in line with expectations
 - P-8A and A400M production ramps up
- ⇒ Senior's **regional jet** sales down £1m; **business jet** sales up £1m (Global 6000)
- ⇒ **Non-Aerospace** turnover impacted by weaker semi-conductor and power & energy
- ⇒ Underlying operating margin of 15.0% (excluding facility move costs and higher engineering activity)
- ⇒ Atlas successfully integrated into Group and performing in line with expectation

(1) Before amortisation of intangible assets arising on acquisitions of £1.5m (2012: £2.0m), acquisition costs of £0.1m (2012: £nil) and goodwill impairment charge of £12.9m (2012: £nil).

(2) All at H1 2013 exchange rates – translation effect only.

(3) 2013 organic growth figures exclude 5 months contribution from Atlas (£1.6m turnover; £0.2m operating profit), which was acquired beginning of February 2013.

FLEXONICS RESULTS – constant exchange rates⁽²⁾

	Turnover £m			Adj Operating Profit ⁽¹⁾ £m			Margin on Sales	
	2013	2012	Change	2013	2012	Change	2013	2012
Continuing Ops.	145.6	123.8	+17.6%	20.6	17.7	+16.4%	14.1%	14.3%
Organic growth ⁽³⁾	127.2	123.8	+2.7%	19.1	17.7	+7.9%	15.0%	14.3%
Passenger Vehicles ⁽³⁾			-£1m -4%					
Truck & Off-Highway ⁽³⁾			-£2m -5%					
Industrial ⁽³⁾			+£6m +12%					

- ⇒ Total turnover from **land vehicles** markets increased by 18%, but on an organic basis decreased by 4%
 - North American truck: organic turnover decreased by 8%; market production decreased by 13%
 - 8% growth in European truck turnover as new programmes ramp up
 - Decreased demand in European passenger vehicle markets resulted in turnover down by 6%
 - Outside Europe (US, India, Brazil, China, Mexico), passenger vehicle sales unchanged
- ⇒ Growth in **industrial** turnover led by renewable energy (fuel-cell and solar bellows)
 - Petrochem activity strong in Q1 but weakened through Q2
- ⇒ Increase in organic operating margin achieved through improved efficiencies and lower material costs
- ⇒ Further £0.4m investment in China JV with production to start at end of 2013
- ⇒ GA successfully integrated into Group and performance broadly in line with expectation

(1) Before amortisation of intangible assets arising on acquisitions of £0.6m (2012: £nil), acquisition costs of £nil (2012: £0.3m) and reversal of GA contingent consideration payable of £3.9m (2012: £nil).

(2) All at H1 2013 exchange rates – translation effect only.

(3) 2013 organic growth figures exclude 6 months contribution from GA (£18.4m turnover; £1.5m operating profit), which was acquired beginning of November 2012.

DIVISION RESULTS – constant exchange rates⁽²⁾

£m	Turnover £m			Operating Profit ⁽¹⁾ £m			Margin on Sales	
	2013	2012	Change	2013	2012	Change	2013	2012
Aerospace	254.2	246.7	+3.0%	36.8	37.1	-0.8%	14.5%	15.0%
Flexonics	145.6	123.8	+17.6%	20.6	17.7	+16.4%	14.1%	14.3%
Share of JV	-	-	-	(0.1)	-	-	-	-
<i>Inter-seg. sales</i>	<i>(0.5)</i>	<i>(0.2)</i>	-	-	-	-	-	-
Central Costs	-	-	-	(4.0)	(4.1)	-	-	-
Continuing Ops.	399.3	370.3	+7.8%	53.3	50.7	+5.1%	13.3%	13.7%
Exchange	-	(4.8)	-	-	(0.4)	-	-	-
As Reported	399.3	365.5	+9.2%	53.3	50.3	+6.0%	13.3%	13.8%
Discontinued	-	11.7	-	-	0.4	-	-	-
Total	399.3	377.2	+5.9%	53.3	50.7	+5.1%	13.3%	13.5%

(1) Before acquisition costs of £0.1m (2012: £0.3m), amortisation of intangible assets arising on acquisitions of £2.1m (2012: £2.0m), goodwill impairment charge of £12.9m (2012: £nil) and reversal of contingent consideration payable of £3.9m (2012: £nil).

(2) All at H1 2013 exchange rates – translation effect only.

GEOGRAPHIC RESULTS – constant exchange rates⁽²⁾

£m	Turnover £m			Operating Profit ⁽¹⁾ £m			Margin on Sales	
	2013	2012	Change	2013	2012	Change	2013	2012
North America	267.0	246.1	+8.5%	39.4	37.7	+4.5%	14.8%	15.3%
Rest of Europe	51.0	49.7	+2.6%	4.0	3.7	+8.1%	7.8%	7.4%
United Kingdom	56.6	51.5	+9.9%	10.0	9.1	+9.9%	17.7%	17.7%
Rest of World	26.9	24.6	+9.3%	4.0	4.3	-7.0%	14.9%	17.5%
Share of JV	-	-	-	(0.1)	-	-	-	-
<i>Inter-seg. sales</i>	(2.2)	(1.6)	-	-	-	-	-	-
Central Costs	-	-	-	(4.0)	(4.1)	-	-	-
Continuing Ops.	399.3	370.3	+7.8%	53.3	50.7	+5.1%	13.3%	13.7%
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(2) All at H1 2013 exchange rates – translation effect only.

ADJUSTED AND REPORTED PROFIT

	H1 2013 £m	H1 2012 £m	Change
Adjusted operating profit ⁽¹⁾	53.3	50.7	+5%
Net interest payable - borrowings and cash	(4.3)	(3.9)	
- retirement benefits	(0.7)	(1.3)	
Adjusted profit before tax ⁽¹⁾	48.3	45.5	+6%
Tax (2013: 20.0%; 2012: 24.0%)	(9.7)	(10.9)	
Adjusted profit for the period ⁽¹⁾	38.6	34.6	+12%
Acquisition costs	(0.1)	(0.3)	
Amortisation of intangible assets	(2.1)	(2.0)	
Impairment of goodwill	(12.9)	-	
Reversal of contingent consideration payable	3.9	-	
Related tax on above items	5.9	0.7	
Reported profit for period	33.3	33.0	

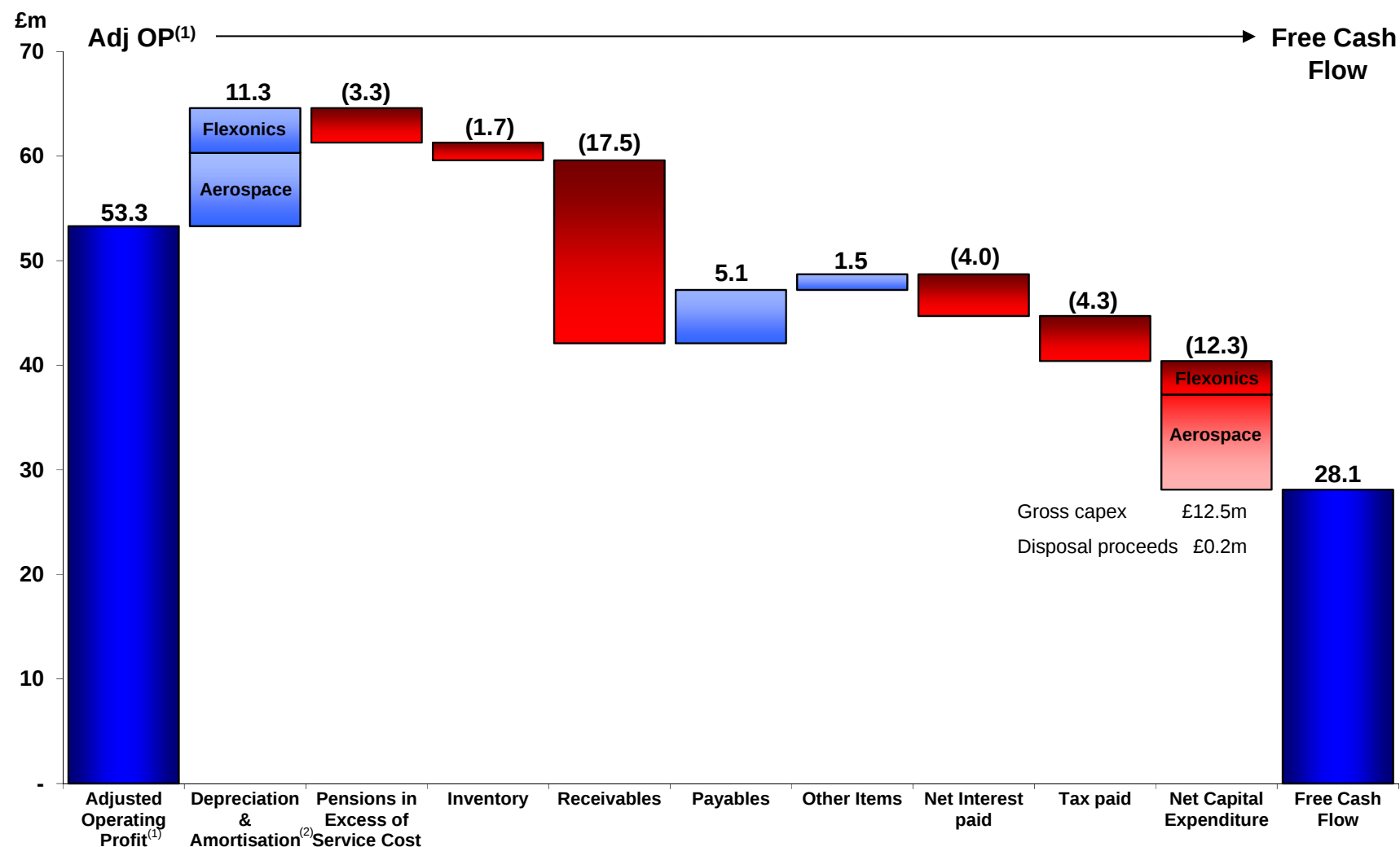
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EARNINGS PER SHARE AND DIVIDENDS

	H1 2013	H1 2012	Change
Average number of shares			
Basic	414.4m	403.9m	+10.5m
Fully diluted	419.7m	418.1m	+1.6m
Adjusted earnings per share⁽¹⁾			
Basic	9.31p	8.57p	+9%
Fully diluted	9.20p	8.28p	+11%
Dividends (pence per share)			
Interim	1.52p	1.38p	+10%
Final		<u>3.27p</u>	
Total		<u>4.65p</u>	
Dividend cost (£m)			
Interim	£6.3m	£5.7m	
Final		<u>£13.6m</u>	
Total		<u>£19.3m</u>	
Dividend cover (last 12 months)	3.9x	4.0x	

(1) Before acquisition costs of £0.1m (2012: £0.3m), amortisation of intangible assets arising on acquisitions of £2.1m (2012: £2.0m), goodwill impairment charge of £12.9m (2012: £nil) and reversal of contingent consideration payable of £3.9m (2012: £nil).

FREE CASH FLOW BRIDGE



- (1) Before acquisition costs of £0.1m (2012: £0.3m), amortisation of intangible assets arising on acquisitions of £2.1m (2012: £2.0m), goodwill impairment charge of £12.9m (2012: £nil) and reversal of contingent consideration payable of £3.9m (2012: £nil).
- (2) Before amortisation of intangible assets arising on acquisitions of £2.1m (2012: £2.0m)

CHANGE IN NET DEBT

	H1 2013 £m	H1 2012 £m	FY 2012 £m
Free cash flow (page 30)	28.1	27.7	57.6
Dividends	(13.6)	(10.7)	(16.4)
Acquisitions and JV	(2.8)	-	(29.0)
Disposals ⁽¹⁾	-	-	4.5
Share issues	0.1	-	2.3
Purchase of shares by employee benefit trust	(0.7)	-	(1.0)
Net cash inflow	11.1	17.0	18.0
Exchange variations	(5.7)	1.2	4.1
Net debt – opening	(70.9)	(93.0)	(93.0)
Net debt – closing (page 32)	(65.5)	(74.8)	(70.9)
 Net debt to EBITDA (page 34)	 0.5x⁽²⁾	 0.6x⁽²⁾	 0.6x

(1) Net of overdraft and final working capital adjustment.

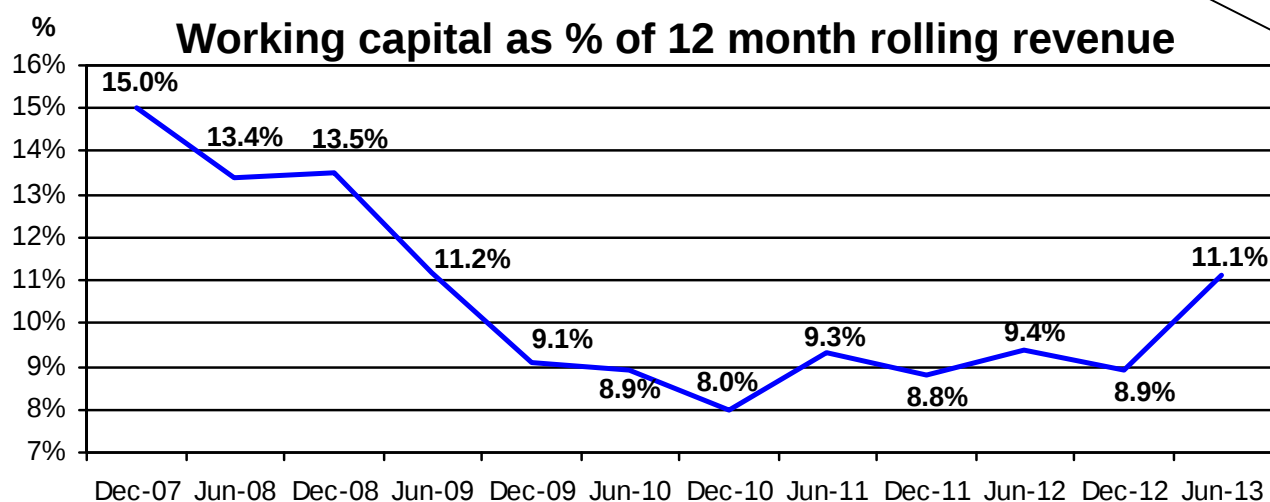
(2) Based on rolling 12 month EBITDA

BALANCE SHEET

	June 2013 £m	June 2012 £m	Dec 2012 £m
Goodwill and other intangible assets	237.1	223.0	238.8
Investment in JV	1.1	-	0.8
Property, plant and equipment	143.5	126.7	134.8
Other long-term assets	11.9	9.7	13.0
Non current assets	393.6	359.4	387.4
Inventories	98.1	90.8	91.2
Receivables	124.2	112.4	100.9
Payables	(138.3)	(137.9)	(128.5)
Working capital (page 11)	84.0	65.3	63.6
Current tax liabilities (net)	(13.8)	(10.7)	(12.0)
Net current assets	70.2	54.6	51.6
Retirement benefit obligations (page 35)	(30.3)	(46.3)	(37.1)
Net borrowings	(65.5)	(74.8)	(70.9)
Other long-term liabilities	(16.7)	(8.5)	(18.1)
Net assets	351.3	284.4	312.9

WORKING CAPITAL

	Balance Sheet			Cash Flow
	Inventories	Receivables	Payables	Working Capital
	£m	£m	£m	£m
31 December 2012 (page 10)	91.2	100.9	(128.5)	
Movements in period:				
Aerospace	3.5	10.4	(5.0)	(8.9)
Flexonics	(1.8)	6.9	(1.8)	(3.3)
Holding companies	-	0.2	1.7	(1.9)
	1.7	17.5	(5.1)	(14.1)
Acquisitions and disposals	0.3	0.8	(0.6)	
Foreign exchange effect	4.9	5.0	(6.2)	
Other non-cash movements	-	-	2.1	
30 June 2013 (page 10)	98.1	124.2	(138.3)	(14.1) (page 30)



Receivables	
GA discounting	£1.9m
Volume: (Q2 '13 vs. Q4 '12)	£15.0m
Terms and other	£0.6m
	<u>£17.5m</u>

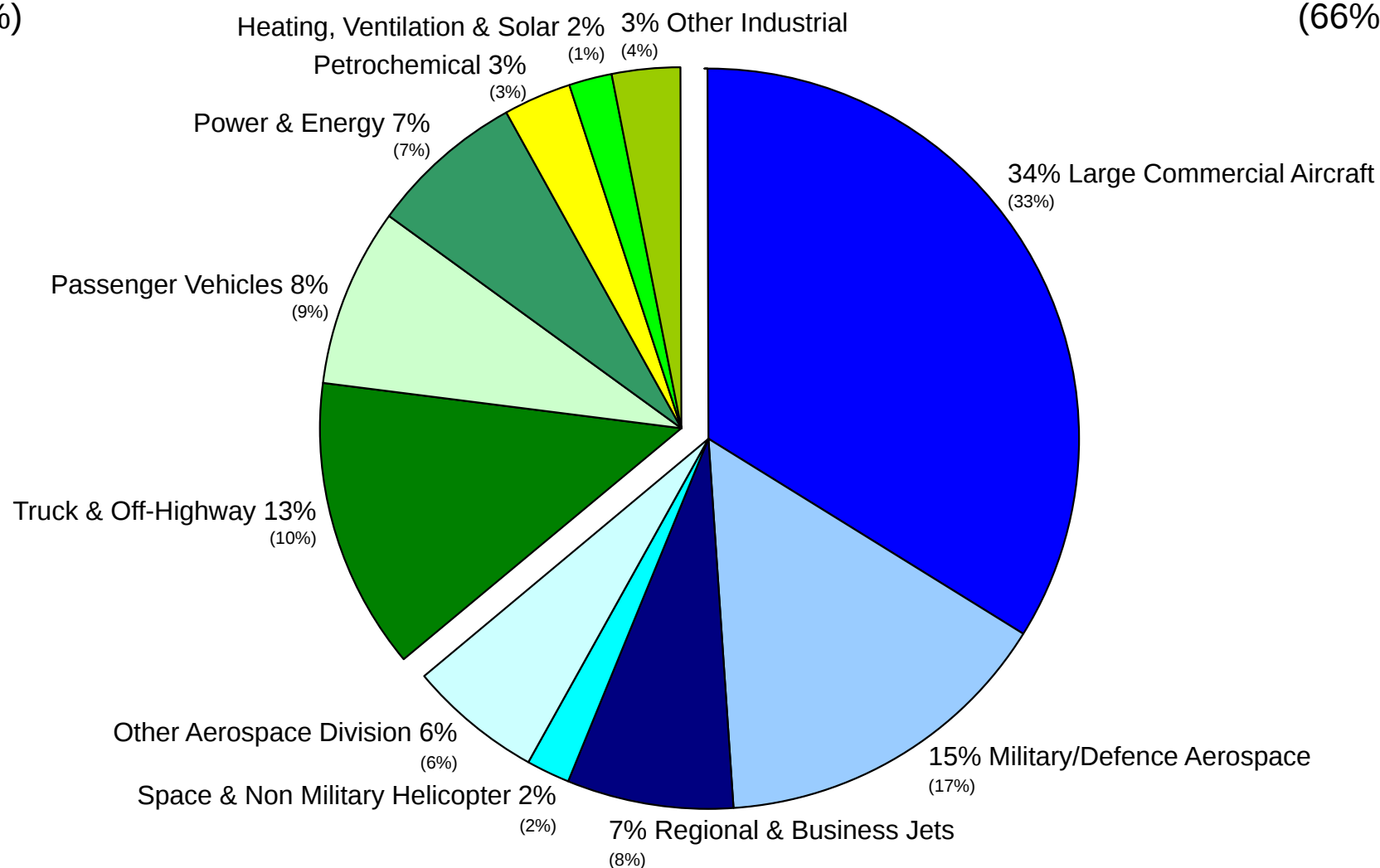


MARKETS & OUTLOOK

SENIOR'S MARKETS – H1 2013 (continuing operations)

36% Flexonics Division
(34%)

Aerospace Division 64%
(66%)

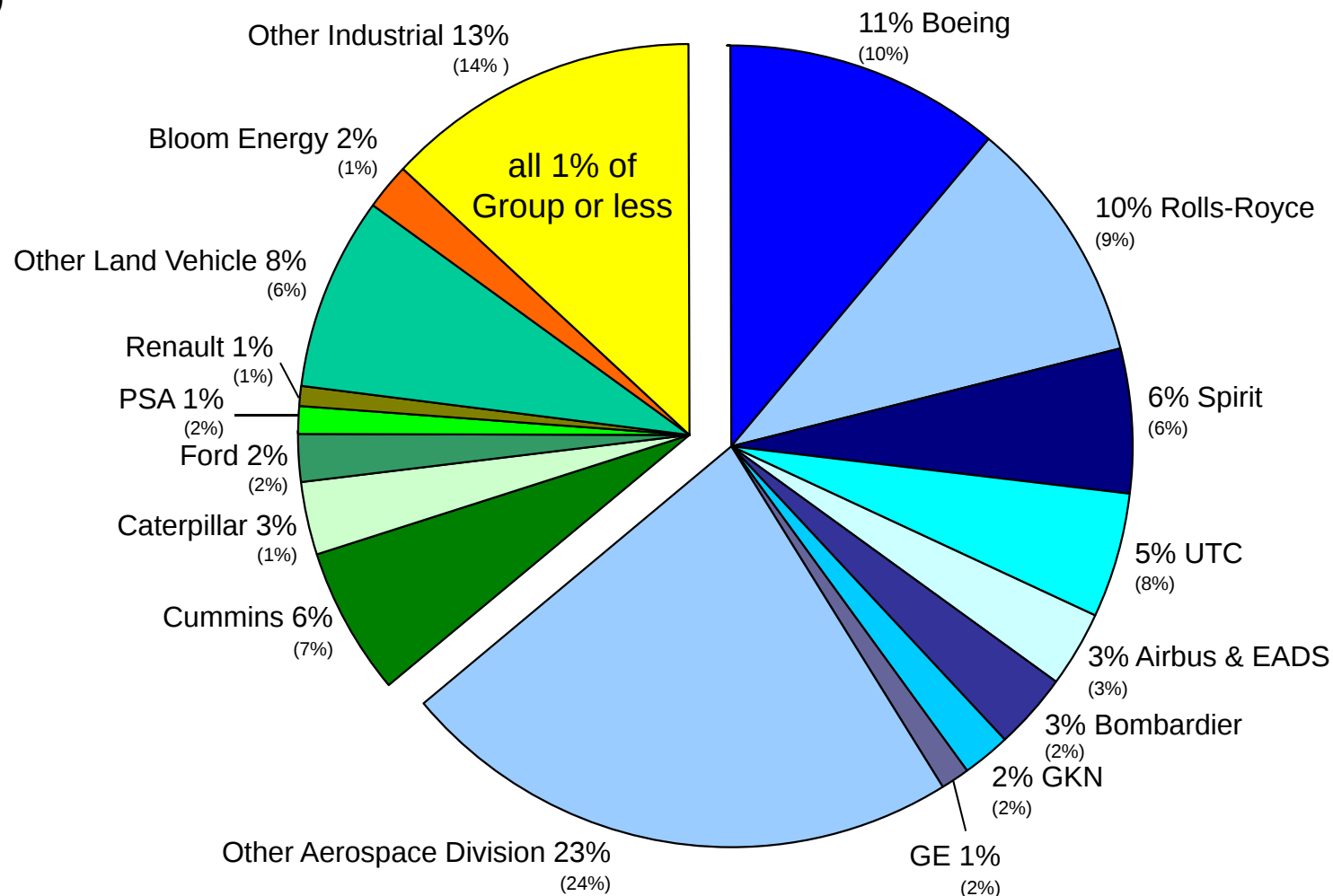


% in brackets are H1 2012 comparatives

SENIOR'S CUSTOMERS – H1 2013 (continuing operations)

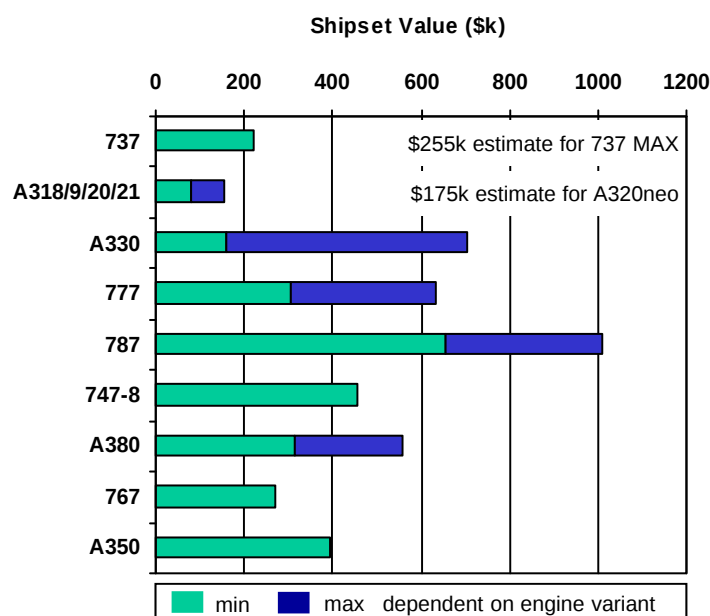
36% Flexonics Division
(34%)

Aerospace Division 64%
(66%)

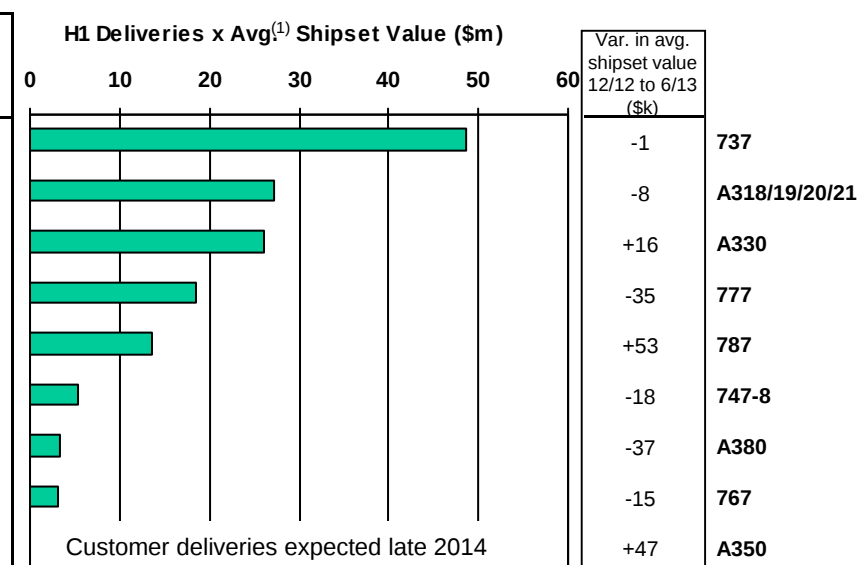


% in brackets are H1 2012 comparatives

LARGE COMMERCIAL AIRCRAFT (34% of Group)



Avg ⁽¹⁾ shipset value (\$k)	H1 2013 deliveries (number)	Order book value (\$k)
223	218	3,445
117	233	4,014
481	54	260
395	47	339
798	17	864
454	12	53
412	8	157
269	12	56
392	Nil	678



⁽¹⁾ Average based on programme share and estimated engine variant

⁽²⁾ At constant exchange rates

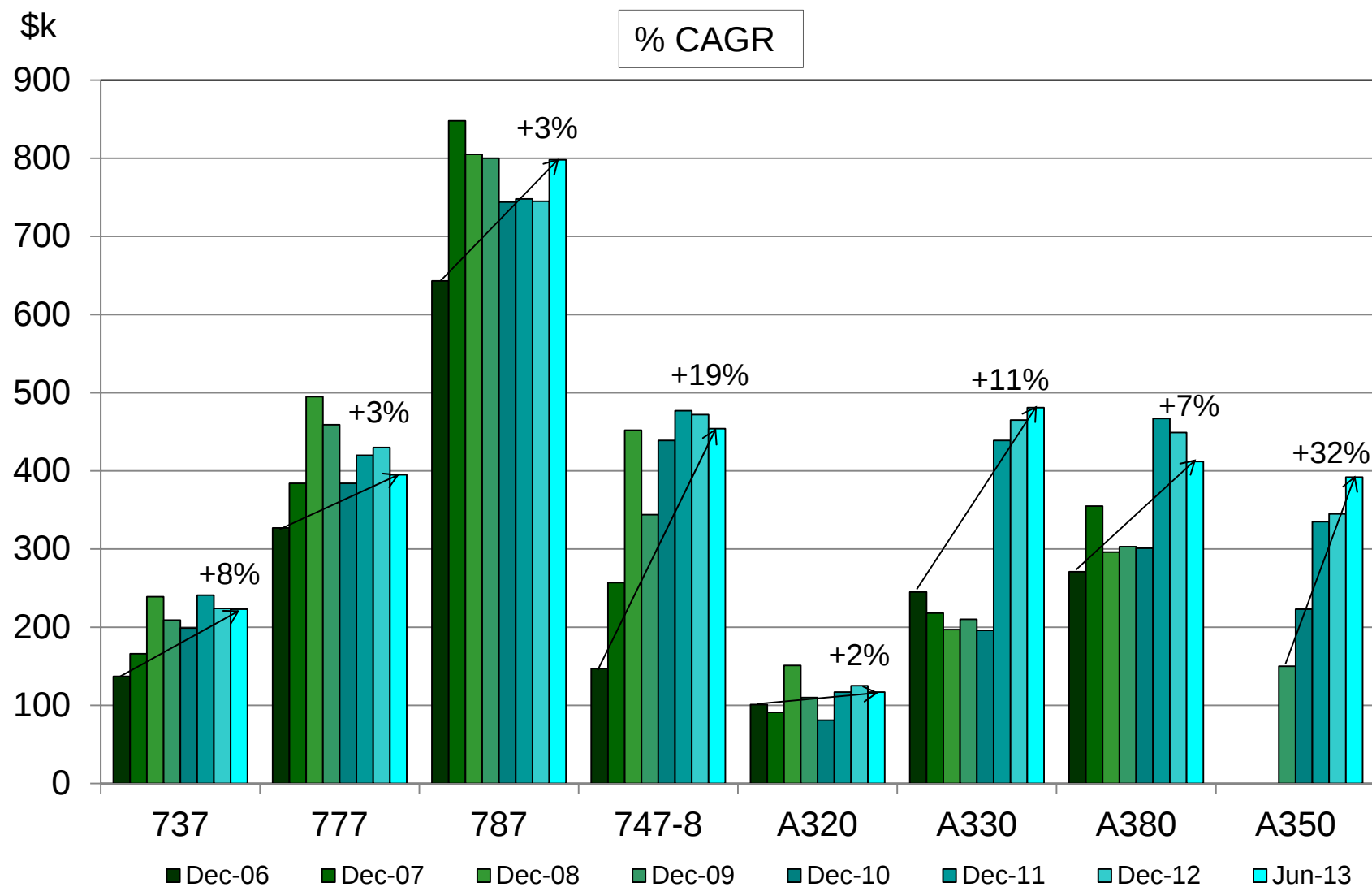
Group sales ↑ 10%⁽²⁾ over H1 2012

	Estimated annual deliveries (number)				Growth (%)
	2012	2013	2014	2015	2012-2015
737	415	447	492	504	+21%
777	83	98	100	100	+20%
787	46	76	117	120	+161%
747-8	31	24	21	21	-32%
A320	455	491	493	486	+7%
A330	101	110	111	118	+17%
A380	30	30	30	30	-0%
A350	-	5	20	45	na

- ⇒ Boeing and Airbus combined H1 2013 deliveries ↑ 6% to 601 aircraft (H1 2012: 566); booked net orders of 1,412 aircraft (H1 2012: 670)
- ⇒ 737 MAX – 1,495 firm orders to date; entry into service 2017. Won Leap air duct and development & LRIP order for Leap turbine center frame and forward outer seals
- ⇒ 787 avg. shipset value increased by \$53k to \$798k with short-term award of structural work in Thailand
- ⇒ A320neo – 2,348 firm orders to date; entry into service 2015. Won engine ducting package, engine nozzle, centerbody assembly, air ducts
- ⇒ A350 shipset increased by \$47k to \$392k with additional content on XWB 97K

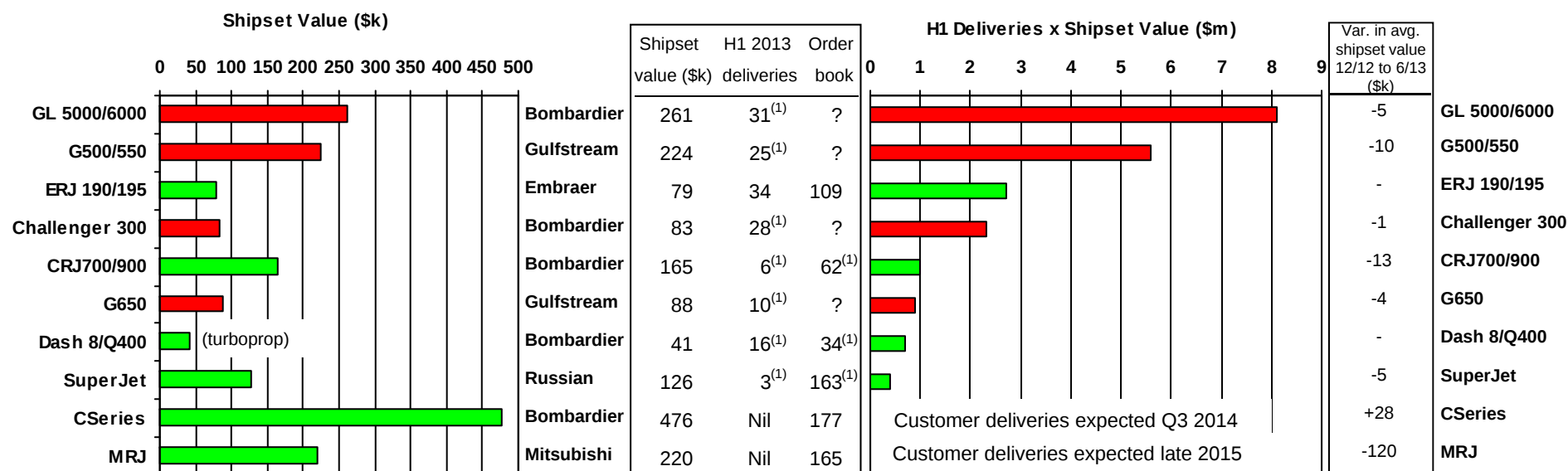
Source: Customers, Teal Group & internal estimates

SHIPSET VALUE⁽¹⁾ PROGRESSION – LARGE COMMERCIAL AIRCRAFT



⁽¹⁾ Average based on programme share and estimated engine variant

REGIONAL AND BUSINESS JETS (7% of Group)



⁽¹⁾ estimated

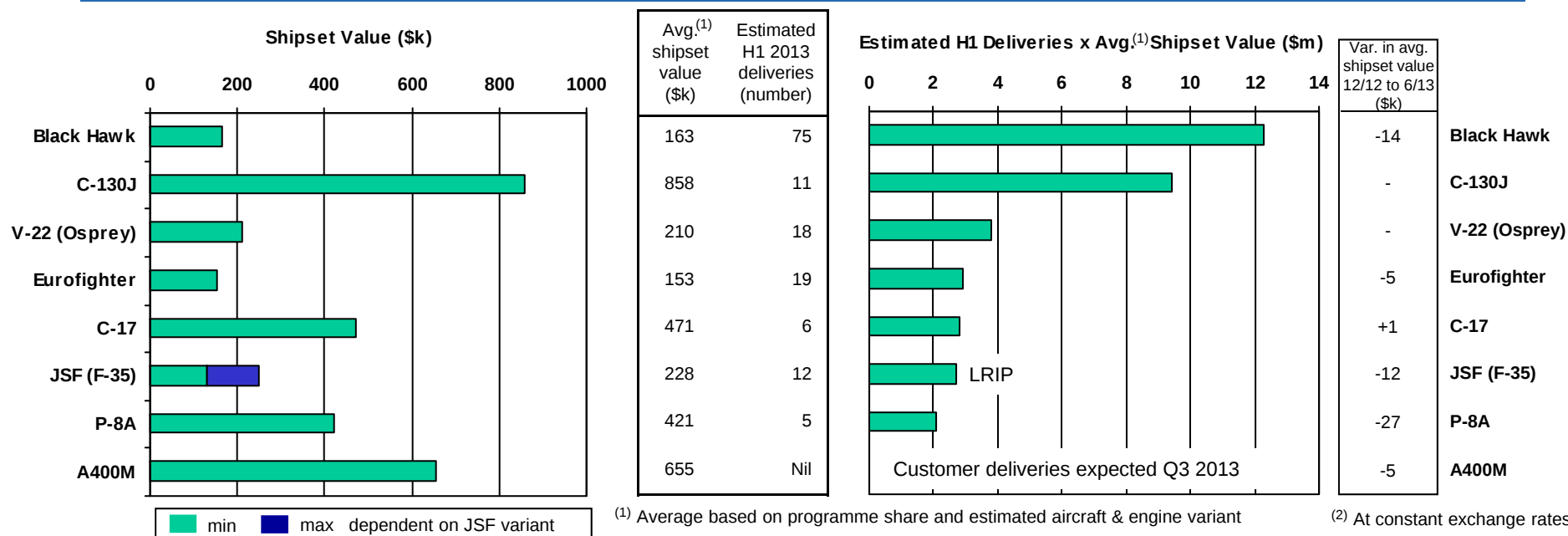
⁽²⁾ At constant exchange rates

	Estimated annual deliveries (number)				Growth %
	2012	2013	2014	2015	2012-2015
GL 5000/6000	54	65	70	75	+39%
G500/550	50	50	45	40	-20%
Challenger 300	48	55	58	60	+25%
G650	1	28	40	44	na
ERJ 190/195	85	80	85	90	+6%
CRJ700/900	6	15	25	25	+317%
Dash 8/Q400	36	32	34	36	-%
SuperJet	8	8	15	20	+150%
CSeries	-	-	10	30	na

Source: Customers, GAMA, Teal Group & internal estimates

- ⇒ **Business Jets**
- Represents 5% of Group revenue
 - Group sales ↑ 6%⁽²⁾ (£1m) over H1 2012
 - Market Q1 2013 deliveries ↑ 4% to 129 aircraft (Q1 2012: 124)
 - Larger jets remain stronger than smaller jets
 - Bombardier L85 (shipset value \$196k) ending development phase
- ⇒ **Regional Jets**
- Represents 2% of Group revenue
 - Group sales ↓ 10%⁽²⁾ (£1m) over H1 2012
 - Bombardier and Embraer combined H1 2013 deliveries estimated ↓ 17% to 65 aircraft (H1 2012: 78)
 - Future healthy growth from CSeries (due to fly shortly)
 - MRJ shipset value ↓ \$120k (back to June 2012 level) due to short-term work ending

MILITARY AND DEFENCE (15% of Group)



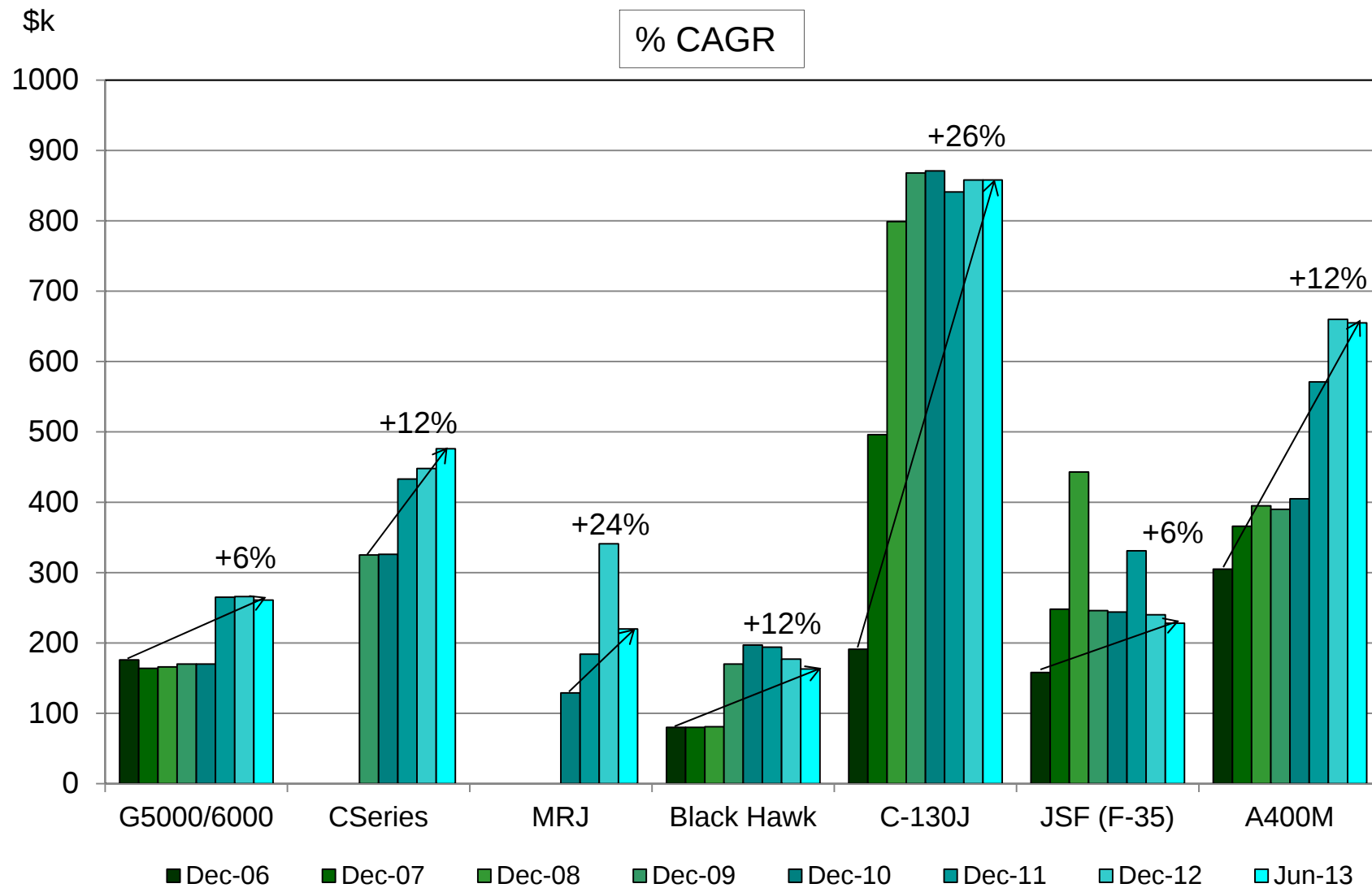
	Estimated annual deliveries (number)				Growth %
	2012	2013	2014	2015	2012-2015
Black Hawk	196	170	170	170	-13%
C-130J	34	20	20	20	-41%
V-22 (Osprey)	39	40	37	24	-38%
Eurofighter	39	38	36	32	-18%
C-17	10	8	8	8	-20%
P-8A	5	10	12	15	+200%
JSF (F-35)	30	36	36	36	+20%
A400M	-	5	17	23	na

Source: Customers, Teal Group & internal estimates

Group sales ↓ 6%⁽²⁾ over H1 2012

- ⇒ Black Hawk and C-130J production volumes down, as anticipated
- ⇒ Black Hawk spares also down; shipset ↓ \$14k due to Sikorsky in-sourcing
- ⇒ F-35 shipset ↓ \$12k as now recognising share of programme
- ⇒ P-8A production ramping up; shipset ↓ \$27k due to price reduction
- ⇒ A400M production deliveries now commencing
- ⇒ Overall 2013 & 2014 weaker; stabilisation thereafter?

SHIPSET VALUE⁽¹⁾ PROGRESSION – Regional, Business and Military



⁽¹⁾ Average based on programme share and estimated engine variant

LAND VEHICLES (21% of Group)

Truck & Off-Highway Vehicles (13% of Group)

H1 2013 market⁽¹⁾ compared to H1 2012:

- ⇒ N. American truck sales ↓ 4%; production ↓ 13%
- ⇒ N. American truck production forecast⁽¹⁾:
2013 ↓ 2%; 2014 ↑ 12%; 2015 ↓ 3%

- ⇒ EU truck sales ↓ 11%; production ↓ 23%
- ⇒ No recovery imminent

Group sales ↑ 36%⁽²⁾ from H1 2012; organic basis ↓ 5%⁽³⁾

- ⇒ N. America (11% of Group) Group organic sales ↓ 8%⁽³⁾; cooler volumes (including spares) broadly flat but lower exhaust bellows and lower material price recovery
- ⇒ Technological advances in extending life of EGR cooler puts Group in better position to win 2nd cooler customer
- ⇒ GA performance broadly in line with expectations
- ⇒ EU (2% of Group) Group sales ↑ 8% as new off-highway programme ramps up
- ⇒ Further £0.4m investment in China JV with production to start at end of 2013

Passenger Vehicles (8% of Group)

H1 2013 market⁽¹⁾ compared to H1 2012:

- ⇒ Overall EU car sales ↓ 7%; production ↓ 5%
June 2013 volumes lowest level since 1996
- ⇒ European sales of PSA, Renault and Ford ↓ 10%
- ⇒ EU car production forecast⁽¹⁾:
2013 ↓ 3%; 2014 ↑ 2%; 2015 ↑ 4%

Group sales ↓ 4%⁽²⁾ from H1 2012

- ⇒ EU (5% of Group) Group sales ↓ 6%
- ⇒ Elsewhere, outside of EU, Group sales remained unchanged
- ⇒ Global footprint with separate Mexico Flexonics facility being set up to support customer interest; China attracting healthy interest
- ⇒ MCOS% decrease partly mitigating volume decline

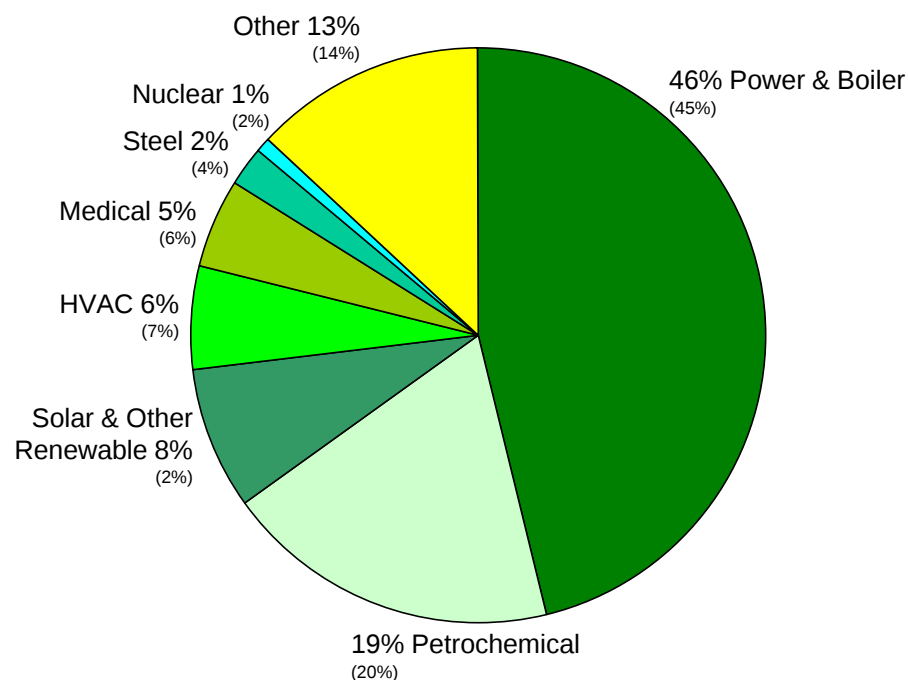
(1) Industry Data - Source: ACEA, Wards, IHS Automotive, LMC Automotive, ACT Research & internal estimates

(2) At constant exchange rates

(3) Organic growth figures exclude 6 months contribution from GA

INDUSTRIAL (15% of Group)

H1 2013 Industrial sales split



⁽¹⁾ At constant exchange rates

% in brackets are H1 2012 comparatives

Group Organic Sales ↑ 12%⁽¹⁾ over H1 2012

Power & Energy:	↑ 15% ⁽¹⁾	↑ £4m; fuel cell dielectrics
Petrochemical:	↑ 6% ⁽¹⁾	↑ £1m; stronger Q1; weakening Q2
Solar & Other Renewable:	↑ 318% ⁽¹⁾	↑ £3m; Solar plants in US and Spain
HVAC:	↓ 3% ⁽¹⁾	↓ <£1m; weaker German domestic market
Other Markets:	↓ 5% ⁽¹⁾	↓ £2m; medical offsets weaker steel and general industrial markets

H1 2013 sales by origin: 74% N. America; 22% Europe; 4% ROW

Outlook

- N. America – encouraging large expansion joint activity
 - fuel cell revenue impacted by new cheaper design
- Europe – weak and no recovery imminent
- Brazil – recent strengthening in order book for 2014

ACQUISITION FRAMEWORK

	More Likely				Less Likely			
Division	✓ Fluid Systems	✓ Structures	✓ Flexonics					New Markets
Market	✓ Large Commercial	Biz Jet	Rotorcraft	Reg Jet				VLJ
✓ various	Energy	Renewables	Nuclear	Truck	Defence			Automotive
		✓ General Industrial	Medical					Semi-conductor
Product	Aero Ducting	✓ Structural Composites	Control Bellows					Jet Engine Mach
	✓ Precision Machining	✓ Emission Control						Auto Piping
	Heat Exchangers/Coolers	Expansion Joints	Tooling					Industrial Tube
Nature	✓ Own design	✓ Highly Engineered BTP						Commodity BTP
	Higher Value Assy.	On-Site	Components					
Geography	✓ North America	✓ UK	Europe					Africa
		✓ Asia	South America					
Ownership	✓ Owner managed	Trade			✓ Venture Capital			
Revenue	✓ \$50 to \$100m	\$100m+			\$30 to \$50m			less than \$30m
		✓ Small add-ons						

✓ GA (\$45m cost)

✓ China JV (\$2m investment to date)

✓ Atlas (\$4m cost)

GROUP 2013 OUTLOOK

- Large Commercial Aerospace: ⇒ Healthy: underlying strength & 787 build rates continuing to rise.
 ⇒ Launch structures in Thailand. Develop Leap engine parts.
- Business and Regional Jets: ⇒ Stable: engineering costs beginning to ease from current highs.
 ⇒ CSeries to fly for first time shortly.
- Military and Defence: ⇒ Modest decline: rate of reduction slowing with new programmes.
- Land Vehicles – Trucks: ⇒ Satisfactory: slight recovery in US. Europe weak but share growing.
 – Passenger Vehicles: ⇒ Weak but stable: new programmes begin to impact in France.
- Industrial: ⇒ Satisfactory: although H2 sees no Catofin project & weaker renewables.
- Forex effect: ⇒ 10 cent movement in average £:\$
 = £4m PBT (full year) & £5m net debt
 currently assuming \$1.53: £1 average

Anticipate performing in line with the Board's expectations and to make further progress in the second half of the year

GROUP LONGER-TERM OUTLOOK

- Large Commercial Aerospace:
- ⇒ 787 (\$798k per s/s): 10 pm (2014)? 12 pm (2016)? 14 pm (2019)?
 - ⇒ A350 (\$392k per s/s) now flying. Launch end 2014? 100 p.a. by 2018?
 - ⇒ A320neo & 737 MAX (higher s/s & rates?) launch in 2015 & 2017.
 - ⇒ Thailand developed as aerospace centre.
 - ⇒ But customer pricing pressure increasing.
- Business and Regional Jets:
- ⇒ CSeries (\$476k per s/s): in range of 50 to 120 p.a. by 2018?
 - ⇒ Gradual recovery in Business jet market? – down 50% since 2008.
- Military and Defence:
- ⇒ 2014 the bottom? A400M (\$655k per s/s) 25 p.a. from 2015?
- Land Vehicles – Trucks:
- ⇒ Market recovery. Spares volumes declining. New cooler customer?
- Passenger Vehicles:
- ⇒ French business recovery. China volumes to commence?
- Industrial:
- ⇒ Increase in petrochemical activity. Longer term global GDP increase.

Outlook for 2014 and beyond remains encouraging

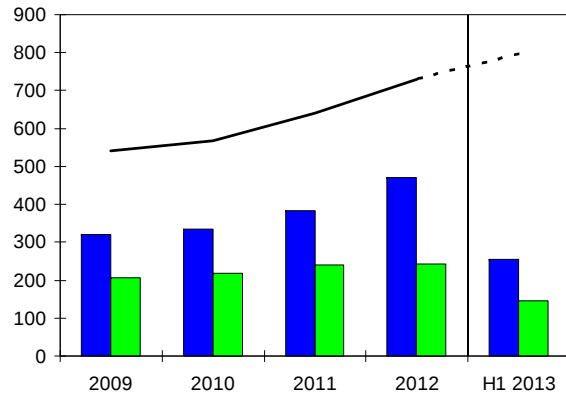


**ANY
QUESTIONS?**

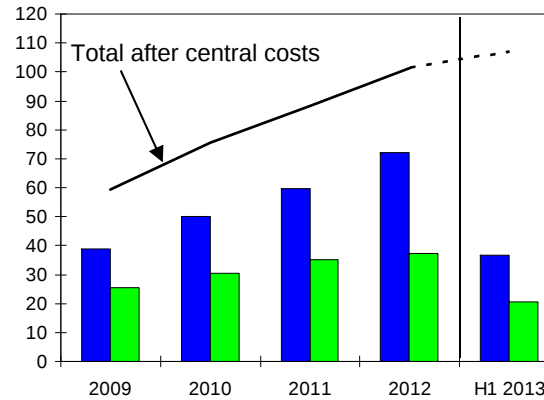
APPENDICES

GROUP EVOLUTION

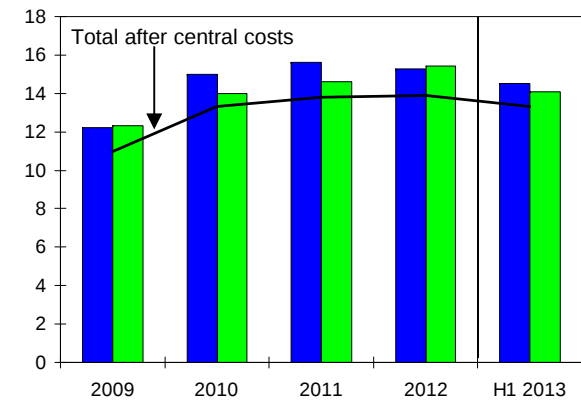
Revenue (£m)



Adjusted Operating Profit (£m)

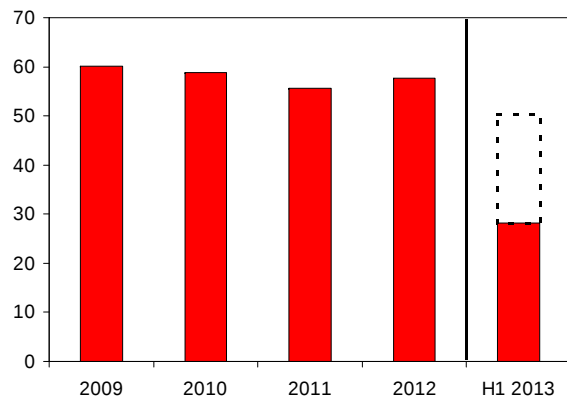


Adjusted Operating Margin (%)

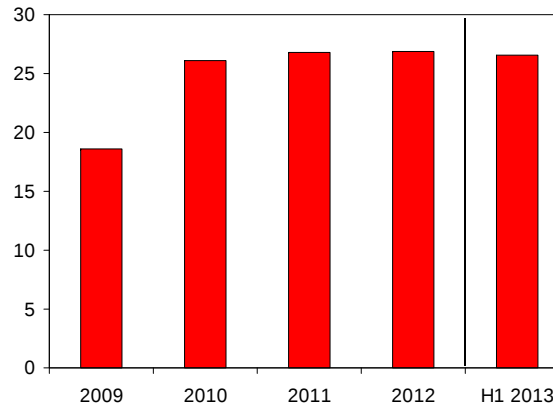


■ Aerospace ■ Flexionics — Group JHG FY Forecast (pre results)

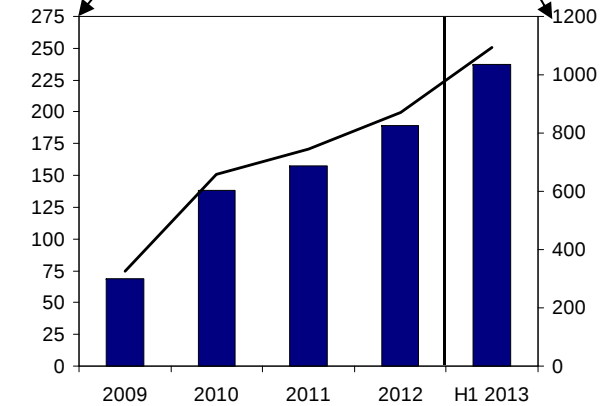
Free Cash Flow (£m)



Return on Capital Employed (%)



Share Price (p) / Market Capitalisation (£m)



■ Group JHG FY Forecast (pre results) ■ Market Capitalisation — Share Price

EXCHANGE RATES

	Profit and Loss Account				Balance Sheet			
	Average Rates				Period End Rates			
	H1 2013	H1 2012	Change	FY 2012	June 2013	June 2012	Change	Dec 2012
£ : US Dollar	1.55	1.58	+1.9%	1.59	1.52	1.57	+3.3%	1.63
£ : Euro	1.18	1.22	+3.4%	1.23	1.17	1.24	+6.0%	1.23
£ : Rand	14.22	12.48	-12.2%	12.99	15.06	12.83	-14.8%	13.79
Euro : Rand	12.05	10.23	-15.1%	10.56	12.87	10.35	-19.6%	11.21

Using 2013 average rates would have increased H1 2012 sales by £4.8m
 Using 2013 average rates would have increased H1 2012 operating profits by £0.4m
 Period end rates increased reported debt by £5.7m compared to Dec 2012

Estimated that 10 cents movement in £:\$ (£:€) exchange rate affects full year sales by £35m (£7m), operating profit by £5m (£0.4m), profit before tax by £4m (£0.4m) and net debt by £5m (£nil)

DIVISION RESULTS – AS REPORTED

£m	Turnover £m			Operating Profit ⁽¹⁾ £m			Margin on Sales	
	2013	2012	Currency Impact ⁽²⁾	2013	2012	Currency Impact ⁽²⁾	2013	2012
Aerospace	254.2	242.5	4.2	36.8	36.5	0.6	14.5%	15.1%
Flexonics	145.6	123.2	0.6	20.6	17.9	(0.2)	14.1%	14.5%
Share of JV	-	-	-	(0.1)	-	-	-	-
<i>Inter-seg. sales</i>	<i>(0.5)</i>	<i>(0.2)</i>	-	-	-	-	-	-
Central Costs	-	-	-	(4.0)	(4.1)	-	-	-
Continuing Ops.	399.3	365.5	4.8	53.3	50.3	0.4	13.3%	13.8%
Discontinued	-	11.7	-	-	0.4	-	-	-
Total	399.3	377.2	4.8	53.3	50.7	0.4	13.3%	13.5%

(1) Before acquisition costs of £0.1m (2012: £0.3m), amortisation of intangible assets arising on acquisitions of £2.1m (2012: £2.0m), goodwill impairment charge of £12.9m (2012: £nil) and reversal of contingent consideration payable of £3.9m (2012: £nil).

(2) Currency impact is the effect on the H1 2012 reported figures when retranslated at H1 2013 average exchange rates.

GEOGRAPHIC RESULTS – AS REPORTED

£m	Turnover £m			Operating Profit ⁽¹⁾ £m			Margin on Sales	
	2013	2012	Currency Impact ⁽²⁾	2013	2012	Currency Impact ⁽²⁾	2013	2012
North America	267.0	241.5	4.6	39.4	37.0	0.7	14.8%	15.3%
Rest of Europe	51.0	48.1	1.6	4.0	3.6	0.1	7.8%	7.5%
United Kingdom	56.6	51.5	-	10.0	9.1	-	17.7%	17.7%
Rest of World	26.9	26.0	(1.4)	4.0	4.7	(0.4)	14.9%	18.1%
Share of JV	-	-	-	(0.1)	-	-	-	-
<i>Inter-seg. sales</i>	(2.2)	(1.6)	-	-	-	-	-	-
Central Costs	-	-	-	(4.0)	(4.1)	-	-	-
Continuing Ops.	399.3	365.5	4.8	53.3	50.3	0.4	13.3%	13.8%
Discontinued	-	11.7	-	-	0.4	-	-	-
Total	399.3	377.2	4.8	53.3	50.7	0.4	13.3%	13.5%

(1) Before acquisition costs of £0.1m (2012: £0.3m), amortisation of intangible assets arising on acquisitions of £2.1m (2012: £2.0m), goodwill impairment charge of £12.9m (2012: £nil) and reversal of contingent consideration payable of £3.9m (2012: £nil).

(2) Currency impact is the effect on the H1 2012 reported figures when retranslated at H1 2013 average exchange rates.

DIVISION RESULTS – HALF YEARLY

	Turnover				Adjusted Operating Profit			
	H1 2013	H2 2012	H1 2012	H2 2011	H1 2013	H2 2012	H1 2012	H2 2011
Aerospace	254.2	228.0	242.5	194.7	36.8	35.6	36.5	30.0
Flexonics	145.6	118.8	123.2	120.8	20.6	19.4	17.9	18.4
Inter-segment sales	(0.5)	(0.3)	(0.2)	(0.3)	-	-	-	-
Share of JV	-	-	-	-	(0.1)	(0.1)	-	-
Central costs	-	-	-	-	(4.0)	(4.6)	(4.1)	(3.7)
Continuing operations	399.3	346.5	365.5	315.2	53.3	50.3	50.3	44.7
Discontinued operations	-	6.1	11.7	9.9	-	0.4	0.4	0.6
Total operations	399.3	352.6	377.2	325.1	53.3	50.7	50.7	45.3
Interest - borrowings and cash					(4.3)	(3.8)	(3.9)	(4.1)
- retirement benefits					(0.7)	(1.3)	(1.3)	(1.2)
Tax					(9.7)	(7.7)	(10.9)	(9.6)
Adjusted profit for the period ⁽¹⁾					38.6	37.9	34.6	30.4
Adjusted earnings per share ⁽¹⁾					9.31p	9.18p	8.57p	7.55p

(1) Before loss on disposal of fixed assets (H2 2012 £0.1m; H2 2011 £0.3m; Others £nil), acquisition costs (H1 2013 £0.1m; H2 2012 £0.3m; H1 2012 £0.3m; H2 2011 £0.5m), amortisation of intangible assets arising on acquisitions (H1 2013 £2.1m; H2 2012 £2.3m; H1 2012 £2.0m; H2 2011 £2.1m), goodwill impairment charge (H1 2013 £12.9m; Others £nil), reversal of contingent consideration payable (H1 2013 £3.9m; Others £nil), pension curtailment charge (H2 2012 £1.9m; Others £nil) and profit on disposal of discontinued operation (H2 2012 £2.5m; Others £nil).

AEROSPACE – Atlas Composites Ltd ACQUISITION

Atlas Composites Ltd, (based in Ilkeston, Derbyshire) designs and manufactures composite structures, components and tooling for aerospace (25%), motor sport (29%), defence (18%), satellite communications (25%) and sports (3%) markets.

Example products

- ⇒ 2012 performance: Revenue £4.4m; EBITDA £0.7m
- ⇒ Consideration: £2.4m in cash for 100% of business (debt free)
- ⇒ 25,000 sq ft of manufacturing and office space. 68 employees
- ⇒ Atlas uses a variety of materials and processes to produce Radomes, Antennas, Electronic Enclosures, ducting and various structures and components as well as composite tooling
- ⇒ Assists a number of customers in the development of new processes to prove concept design work
- ⇒ Significant scope for supporting opportunities across Group
- ⇒ Gains from operational improvements through lean, over time
- ⇒ Current team, with significant industry experience, retained
- ⇒ ISO 9001, AS 9100 Rev C and AS 9102 accredited

Atlas brings interesting and complementary capabilities to the Group which, managed through Senior Aerospace BWT, are expected to enhance the Group's future growth



Electronic Enclosures



Night vision goggles & visor



Motorsport Products



Composite Tooling Design & Manufacture

Major customers:

Aerospace: Airbus, Meggitt, GKN, Bombardier

Motorsport: Formula 1 Team

Defence: MBDA

Communications: Cooper Antennas

FREE CASH FLOW

	H1 2013 £m	H1 2012 £m	FY 2012 £m
Operating profit from continuing ops.	42.1	48.0	93.7
Operating profit from discontinued ops.	-	0.4	0.8
Share of JV loss	0.1	-	0.1
Depreciation	10.9	10.0	20.1
Amortisation of intangible assets	2.5	2.3	5.0
Goodwill impairment & reversal of contingent consideration payable	9.0	-	-
Charge for share-based plans	1.7	1.5	2.3
Loss on disposal of fixed assets	-	-	0.1
Pension curtailment charge – Hargreaves disposal	-	-	1.9
Additional pension payments – Hargreaves disposal	-	-	(6.0)
Pension payments above service cost	(3.3)	(3.5)	(7.7)
Working capital (page 11)	(14.1)	(9.9)	(10.2)
Currency movements	(0.2)	0.1	(0.3)
Cash generated from operations	48.7	48.9	99.8
Interest paid (net)	(4.0)	(3.9)	(7.6)
Tax paid	(4.3)	(4.5)	(8.6)
Capital expenditure (page 31)	(12.5)	(12.8)	(26.1)
Sale of fixed assets	0.2	-	0.1
Free cash flow	28.1	27.7	57.6

GROSS CAPITAL EXPENDITURE

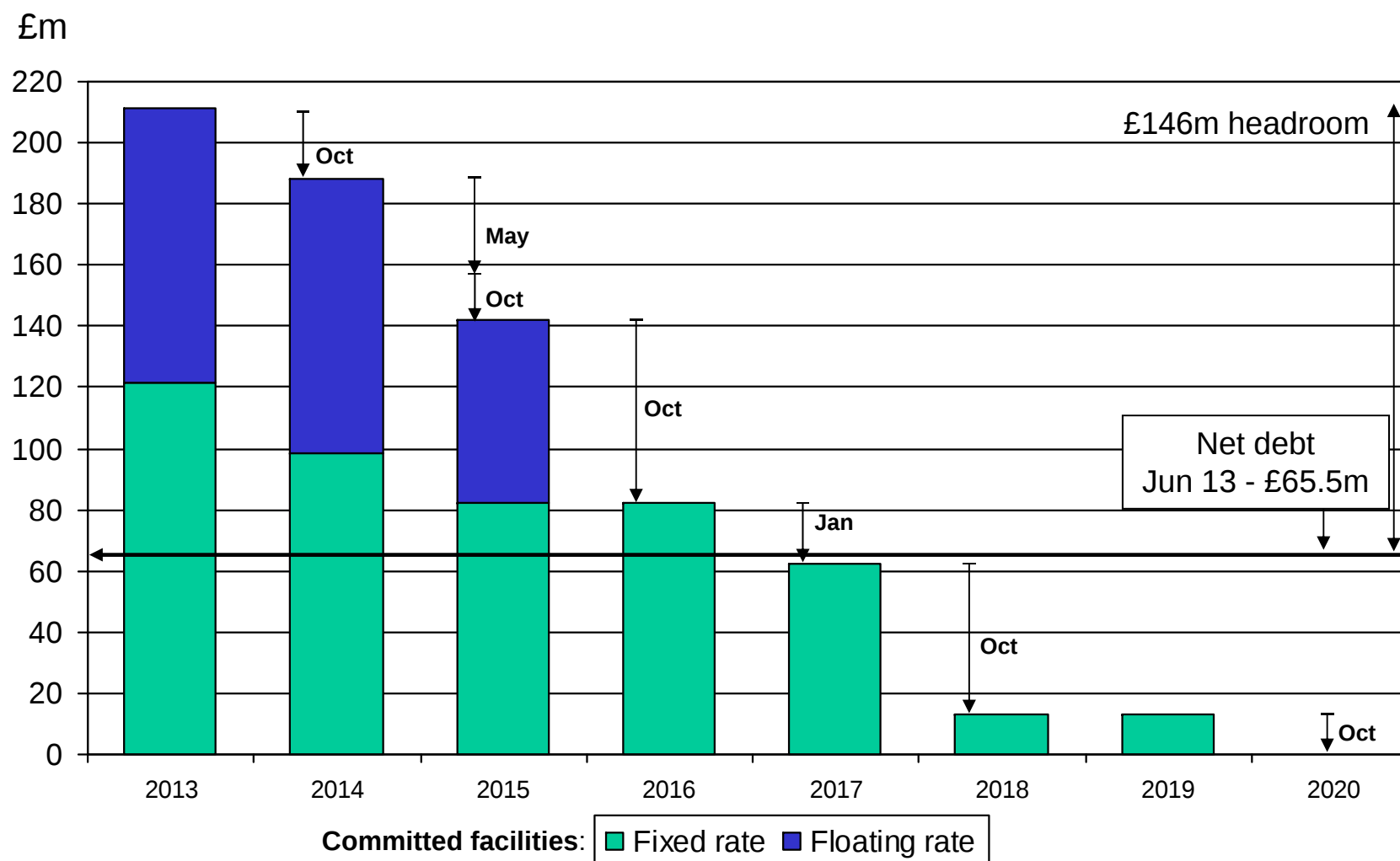
	H1 2013		H1 2012	
	Capex	Depn ⁽¹⁾	Capex	Depn ⁽¹⁾
	£m	£m	£m	£m
Aerospace	9.1	7.0	7.8	6.8
Flexonics	3.3	4.2	4.9	3.3
Holding Companies	0.1	0.1	0.1	0.1
Discontinued Ops.	-	-	-	0.1
Total	<u>12.5</u>	<u>11.3</u>	<u>12.8</u>	<u>10.3</u>

(1) Depreciation excludes amortisation of intangible assets arising on acquisitions of £2.1m (2012: £2.0m) but includes amortisation of computer software of £0.4m (2012 : £0.3m).

USAGE OF CREDIT FACILITIES – June 2013

	<u>Interest</u> %	<u>Facility</u> £m	<u>Usage</u> £m	<u>Usage by Currency</u>			
				<u>£</u>	<u>\$</u>	<u>€</u>	<u>Other</u>
<u>Private placements:</u>							
US \$20.0m (Oct 2020)	6.94%	13.2	13.2	-	13.2	-	-
US \$75.0m (Oct 2018)	6.84%	49.3	49.3	-	49.3	-	-
US \$30.0m (Jan 2017)	5.85%	19.7	19.7	-	19.7	-	-
US \$25.0m (Oct 2015)	6.42%	16.5	16.5	-	16.5	-	-
US \$35.0m (Oct 2014)	5.93%	23.0	23.0	-	23.0	-	-
	6.46%	121.7	121.7	-	121.7	-	-
<u>Bank facilities:</u>							
Revolving credit facility (Oct 2016) £60.0m		60.0	-	-	-	-	-
Harris Bank (May 2015) \$45.0m		29.6	-	-	-	-	-
Total committed facilities		211.3	121.7	-	121.7	-	-
Overdrafts and bank loans		36.3	-	-	-	-	-
Finance leases		0.8	0.8	0.3	0.4	0.1	-
Other loans		0.4	0.4	-	-	0.4	-
Gross debt		248.8	122.9	0.3	122.1	0.5	-
Cash	Headroom of £146m on committed facilities	-	(57.4)	(4.5)	(42.3)	(3.6)	(7.0)
Net debt		248.8	65.5	(4.2)	79.8	(3.1)	(7.0)

MATURITY PROFILE OF CREDIT FACILITIES



COVENANTS

	June 2013	Dec 2012	June 2012	Dec 2011
Net Debt	£65.5m	£70.9m	£74.8m	£93.0m
Net interest ⁽¹⁾ - rolling 12 months	£8.2m	£7.8m	£8.0m	£8.0m
EBITDA ⁽¹⁾ - rolling 12 months	£124.9m	£122.7m	£115.3m	£109.8m
Interest cover (to exceed 3.5 times)	15.2 x	15.7 x	14.4 x	13.7 x
Net Debt to EBITDA (not to exceed 3 times)	0.5 x	0.6 x	0.6 x	0.8 x

(1) The Group's results only include Atlas, GA, Weston and Damar from their date of acquisition (Feb 2013, Nov 2012, Nov 2011 and Mar 2011, respectively). Consequently, for covenant purposes for rolling 12 months to June 2013, net interest and EBITDA include an additional £0.1m and £1.5m respectively in respect of Atlas and GA's combined results prior to acquisition and excludes £0.4m EBITDA to eliminate Hargreaves results prior to disposal in 2012. For covenant purposes for 2012, net interest and EBITDA include an additional £0.1m and £4.1m respectively in respect of GA's results prior to acquisition and excludes £0.9m EBITDA from Hargreaves. For covenant purposes for rolling 12 months to June 2012, net interest and EBITDA include an additional £nil and £2.1m respectively in respect of Weston's results prior to acquisition. For covenant purposes for 2011, net interest and EBITDA include an additional £0.1m and £5.3m respectively in respect of Weston and Damar's combined results prior to acquisition.

PENSIONS – DEFICIT MOVEMENT

	6 Months 2013				2012
	UK Funded £m	USA Funded £m	Various Unfunded £m	Total £m	Total £m
IAS19 Scheme deficit at 31 Dec 2012	(23.3)	(8.4)	(5.4)	(37.1)	(34.5)
Service cost	(0.5)	(0.3)	(0.1)	(0.9)	(1.9)
Running costs – revised IAS 19	(0.3)	-	-	(0.3)	na
Curtailment charge	-	-	-	-	(1.9)
Total employer cash contributions	3.9	0.4	0.2	4.5	15.6
Interest cost of liabilities	na	na	na	na	(12.0)
Expected return on assets	na	na	na	na	9.4
Net interest charge – revised IAS 19	(0.5)	(0.2)	-	(0.7)	na
Actuarial variations - assets	1.1	(2.9)	-	(1.8)	8.1
- liabilities	2.7	4.2	-	6.9	(20.4)
Foreign exchange impact	-	(0.6)	(0.3)	(0.9)	0.5
IAS19 Scheme deficit at 30 June 2013	<u>(16.9)</u>	<u>(7.8)</u>	<u>(5.6)</u>	<u>(30.3)</u>	<u>(37.1)</u>
Discount rate	4.70%				4.40%
Salary inflation	2.00% ⁽¹⁾				2.00% ⁽¹⁾
Price inflation	3.30%				2.90%
Life expectancy of male aged 65 in 20 years	22.7yrs				22.7yrs

UK 2012

(1) Due to introducing a cap on pensionable earnings growth of 2.0% per annum from April 2010 in the UK plan.

PENSIONS – UK PLAN FUNDING

Actuarial Valuations

Last valuation	6 April 2010
Scheme assets/(liabilities) at valuation	£155.5m / (£207.6m)
Funding level	75%

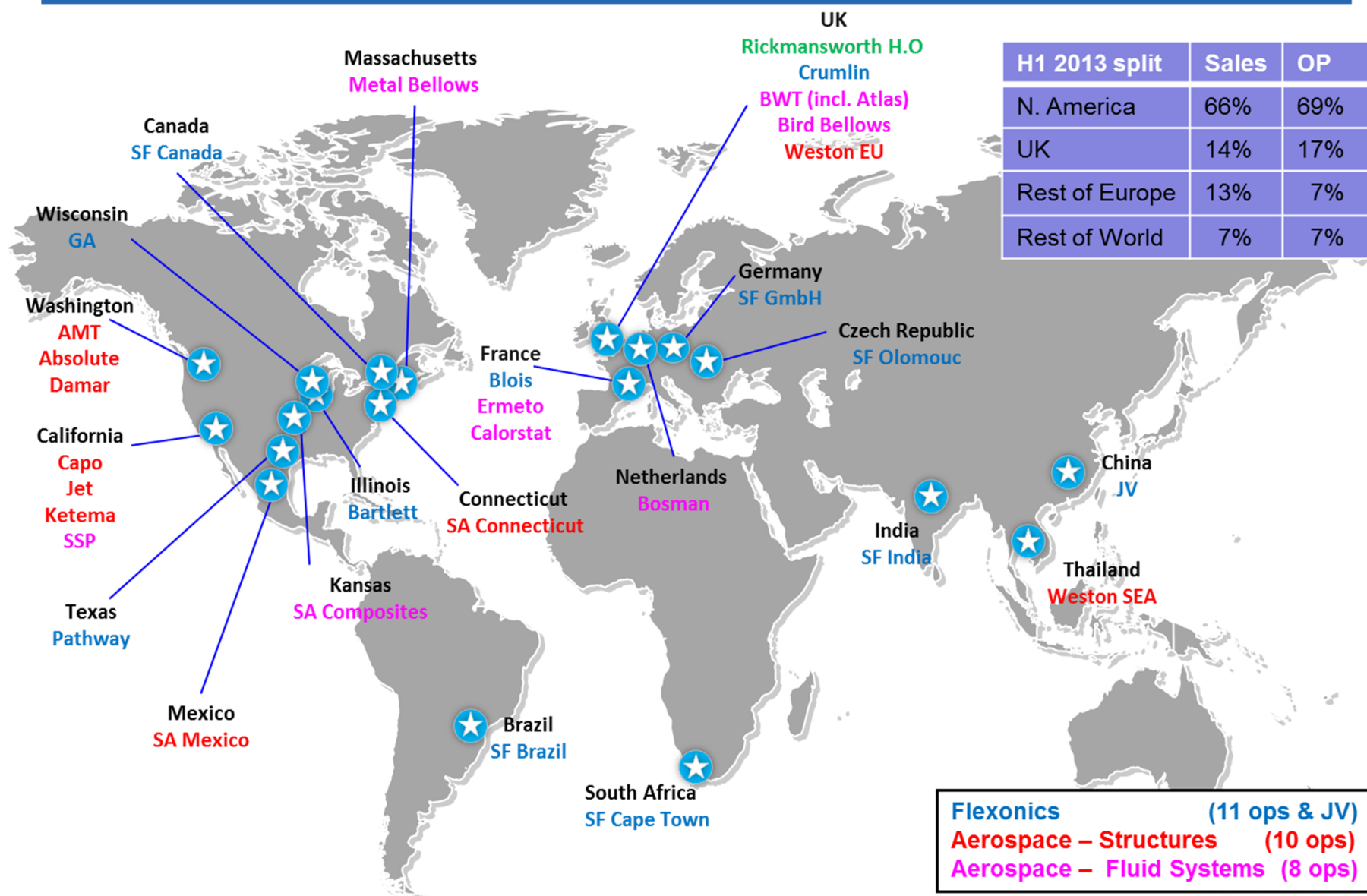
IAS 19 Valuations

	Jun 2013 £m	Dec 2012 £m	Dec 2011 £m
Scheme Assets			
Equities	64.5	58.7	52.4
Bonds	80.4	80.6	67.1
Gilts	68.6	67.6	67.9
Cash & net current liabilities	(1.5)	(1.4)	(1.1)
Total	212.0	205.5	186.3
Scheme Liabilities	£228.9m	£228.8m	£211.6m
Scheme deficit	£16.9m	£23.3m	£25.3m
Scheme assets / liabilities (IAS19)	93%	90%	88%

Cash Flows

	£m	£m	£m
DB contributions			
- Service cost	0.5	1.2	1.0
- Planned deficit funding	3.4	6.7	6.7
- Hargreaves disposal	-	6.0	-
- Other	-	0.3	0.4
	3.9	14.2	8.1

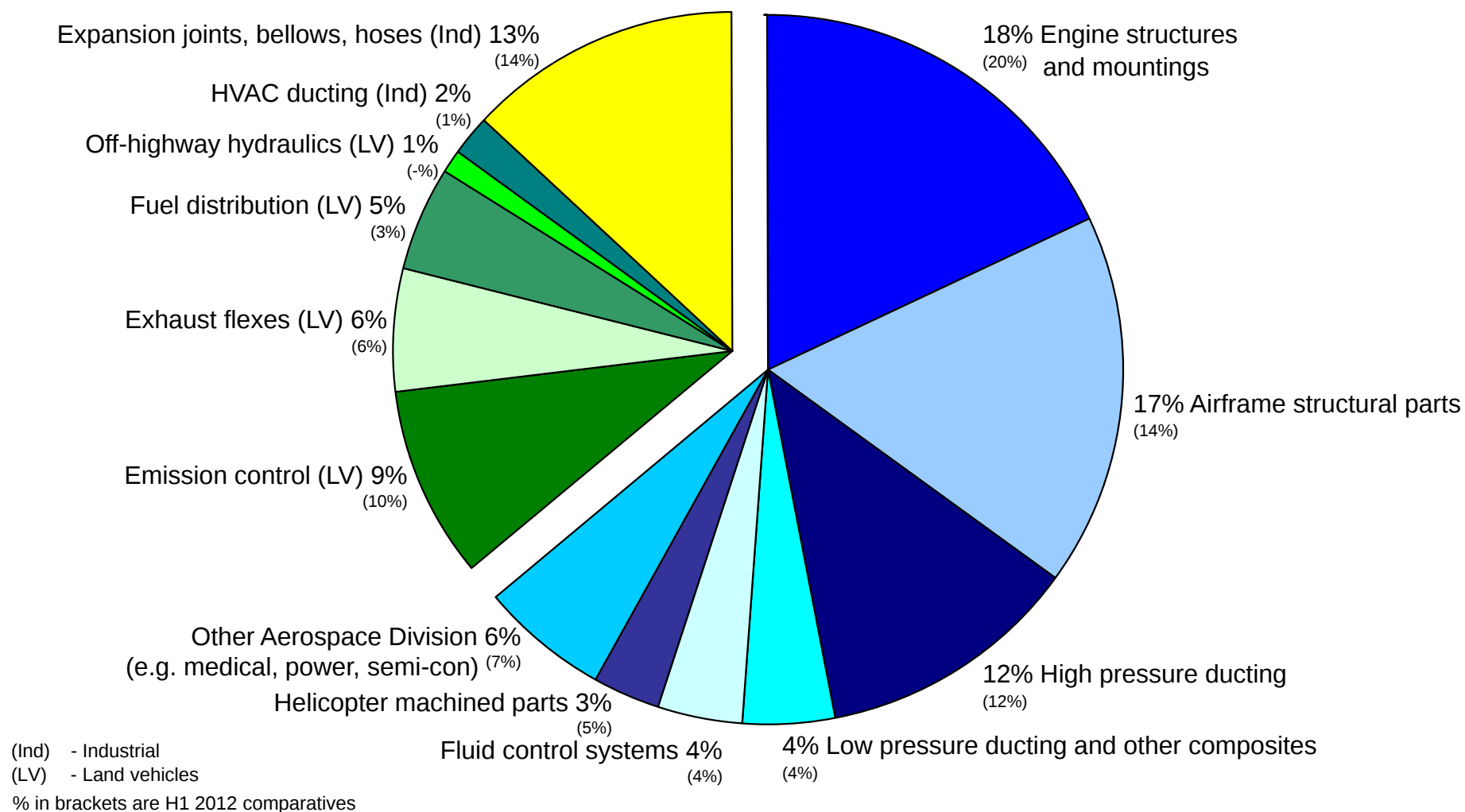
SENIOR'S LOCATIONS



SENIOR'S PRODUCTS – H1 2013 (continuing operations)

36% Flexonics Division
(34%)

Aerospace Division 64%
(66%)





AEROSPACE DIVISION

AEROSPACE – ORDERS AND DELIVERIES

Large Commercial Aircraft	Deliveries				Net Orders				Order Book			
	H1 2013	2012	2011	2010	H1 2013	2012	2011	2010	Jun 2013	Dec 2012	Dec 2011	Dec 2010
Boeing	306	601	477	462	690	1,203	805	530	4,757	4,373	3,771	3,443
Airbus	295	588	534	510	722	833	1,419	574	5,109	4,682	4,437	3,552
Total	601	1,189	1,011	972	1,412	2,036	2,224	1,104	9,866	9,055	8,208	6,995

Regional Jets	Deliveries				Net Orders				Order Book			
	H1 2013	2012	2011	2010	H1 2013	2012	2011	2010	Jun 2013	Dec 2012	Dec 2011	Dec 2010
Bombardier ⁽¹⁾	10	14	46	34	32	88	42	76	277 ⁽²⁾	255	181	185
Embraer	39	106	105	100	220	42	104	85	366 ⁽³⁾	185	249	250
Total	49	120	151	134	252	130	146	161	643	440	430	435

Business Jets	Deliveries			
	Q1 2013	2012	2011	2010
Total	129	672	696	763
Q1 2012 – 124				

⁽¹⁾ Bombardier figures are estimates and exclude Q-Series turboprop Q-Series
H1 2013 estimated deliveries 16 (FY 2012: 36; FY 2011: 54);
H1 2013 estimated net orders 12 (FY 2012: 50; FY 2011: 6)

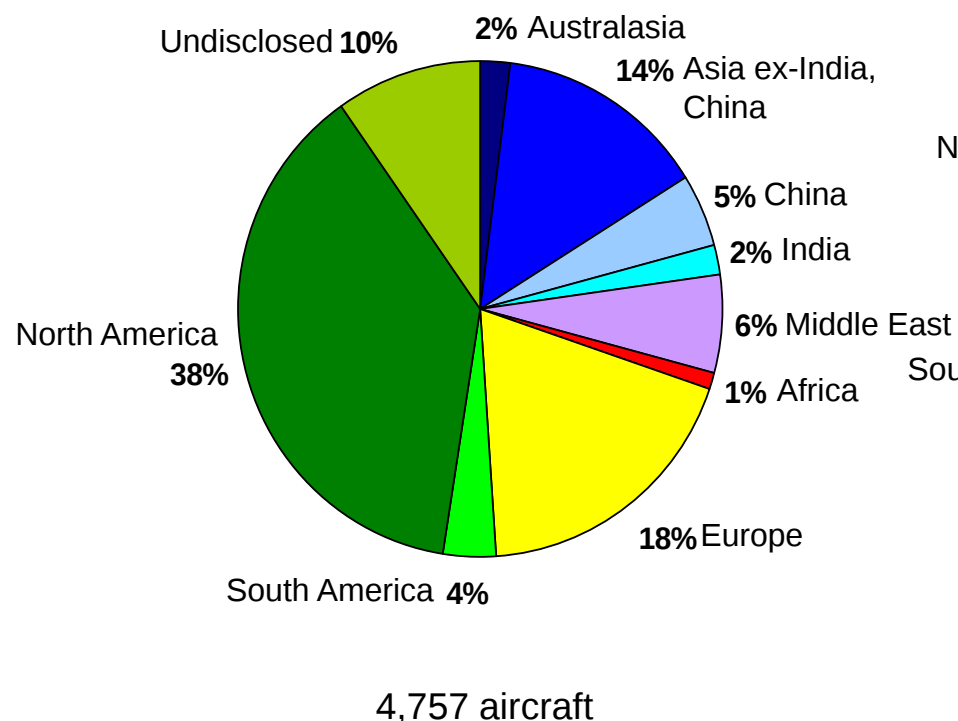
⁽²⁾ Includes 177 orders for CSeries

⁽³⁾ Includes 100 orders for E175-E2

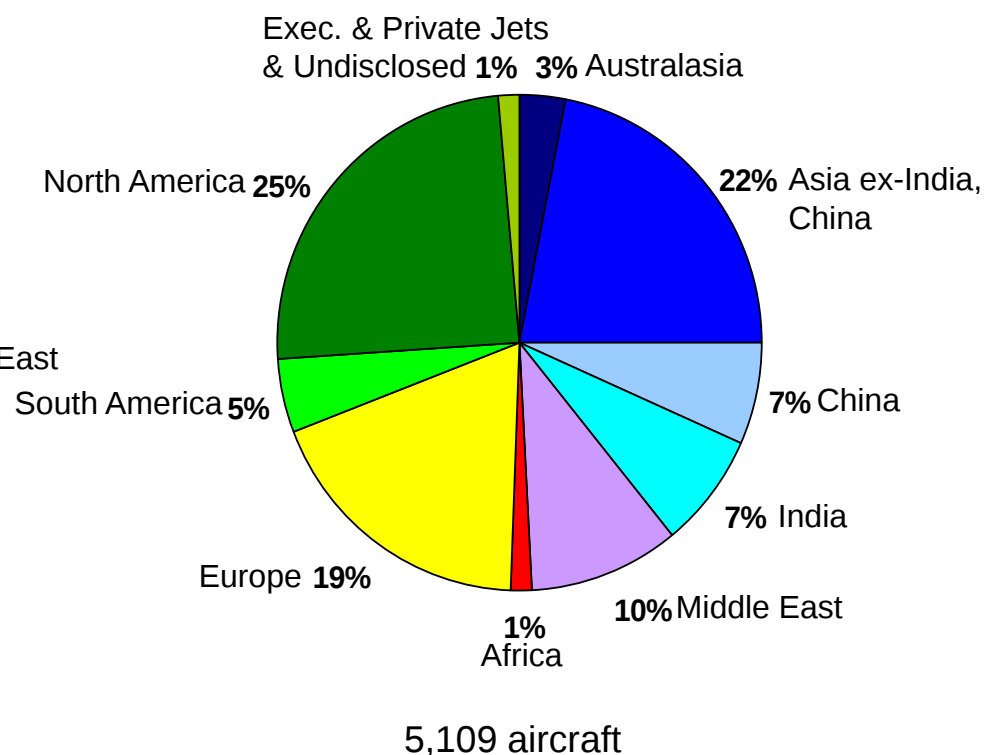
Source: General Aviation Manufacturers Association
and Speednews

AEROSPACE – LARGE COMMERCIAL AIRCRAFT BACKLOG

Boeing backlog by region: June 2013



Airbus backlog by region: June 2013



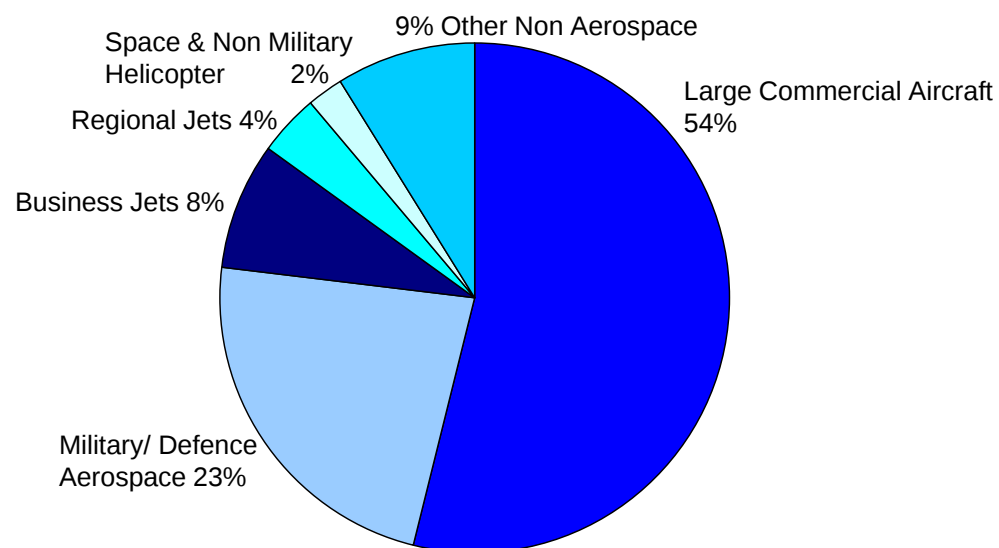
Source: Boeing and Airbus

AEROSPACE DIVISION: A SUMMARY

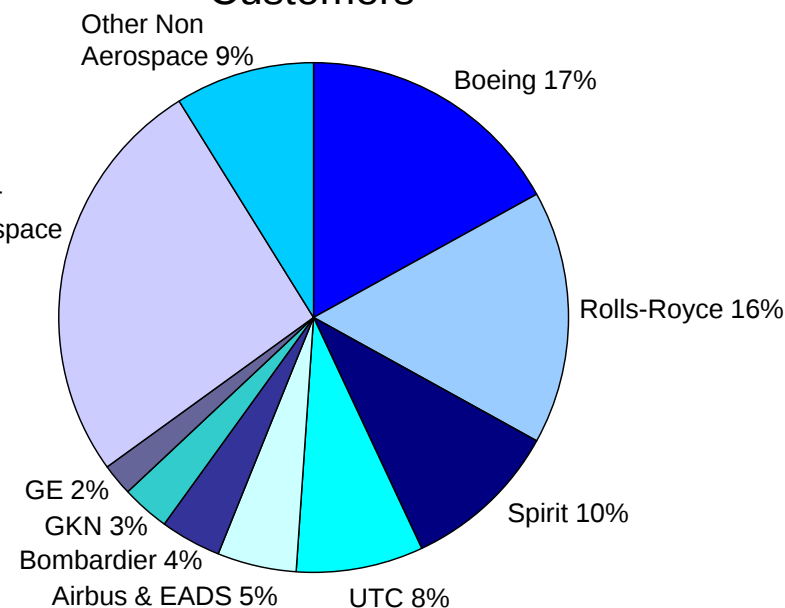
	2013	2012 ⁽²⁾	Change
Revenue	£254.2m	£246.7m	+3.0%
Adjusted Operating Profit ⁽¹⁾	£36.8m	£37.1m	-0.8%
Adjusted Operating Margin ⁽¹⁾	14.5%	15.0%	-0.5ppts

18 Operations	
NAFTA	11
Europe	3
UK	3
ROW	1

Markets



Customers



(1) Before amortisation of intangible assets arising on acquisitions of £1.5m (2012: £2.0m), acquisition costs of £0.1m (2012: £nil) and goodwill impairment charge of £12.9m (2012: £nil).

(2) All at H1 2013 exchange rates – translation effect only.

AEROSPACE – OPERATIONS

Operation	Location
Senior Aerospace AMT	Seattle, USA
Senior Aerospace SSP	Los Angeles, USA
Senior Aerospace Weston EU	Colne, UK
Senior Aerospace Ketema	San Diego, USA
Senior Aerospace Jet Products	San Diego, USA
Senior Aerospace Metal Bellows	Boston, USA
Senior Aerospace BWT (incl. Atlas)	Macclesfield & Ilkeston, UK
Senior Aerospace Bird Bellows	Congleton, UK
Senior Aerospace Connecticut	Enfield, CT, USA
Senior Aerospace Ermeto	Blois, France
Senior Aerospace Damar	Seattle, USA
Senior Aerospace Weston SEA	Chonburi, Thailand
Senior Aerospace Absolute Mnfg	Seattle, USA
Senior Aerospace Capo Industries	Chino, CA, USA
Senior Aerospace Composites	Wichita, KS, USA
Senior Aerospace Bosman	Rotterdam, Holland
Senior Aerospace Calorstat Bellows	Dourdan, France
Senior Aerospace Mexico	Saltillo, Mexico

H1 2013 Total Gross Sales were £258.4m (H1 2012 £245.5m)

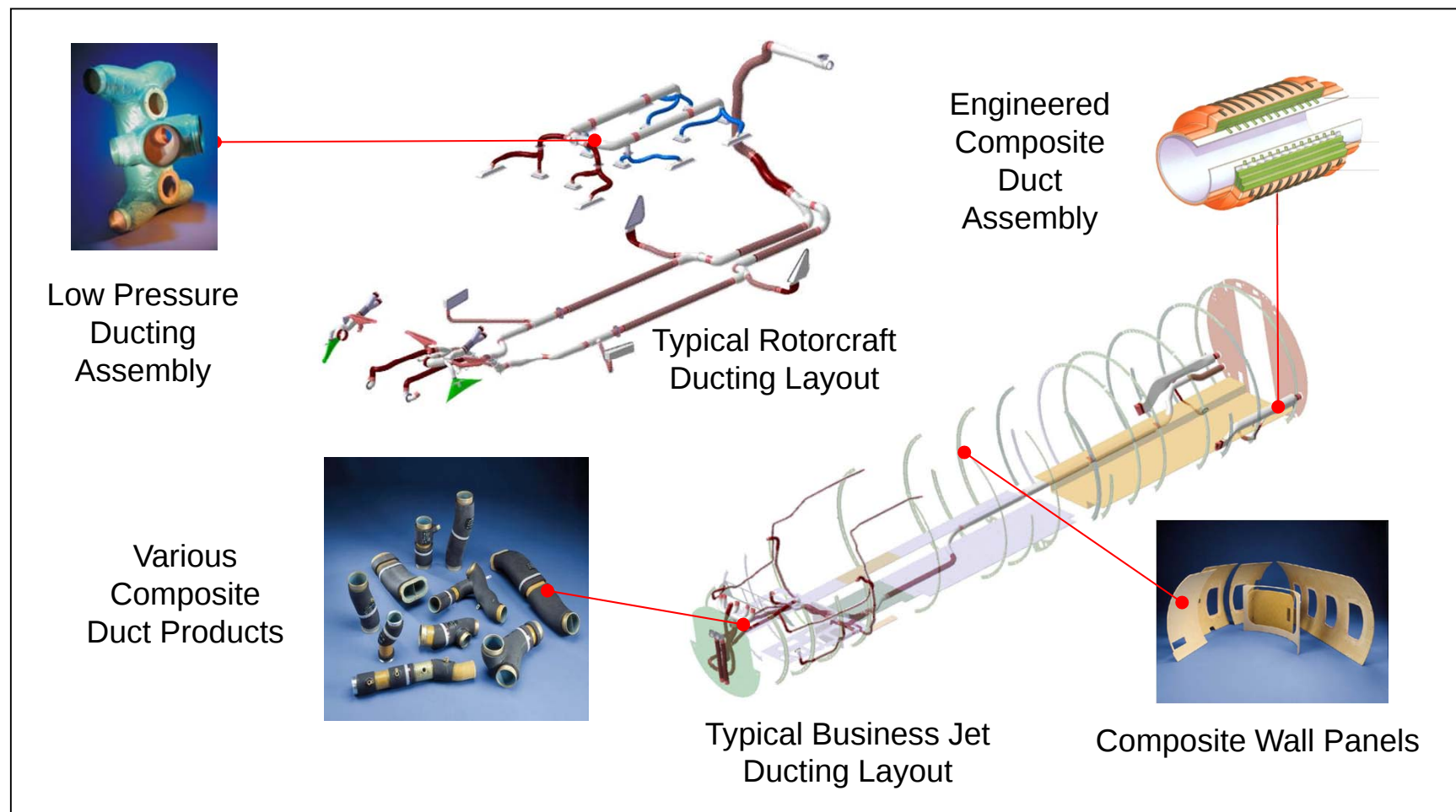
AEROSPACE – STRATEGY

Sector

Strategic Objectives



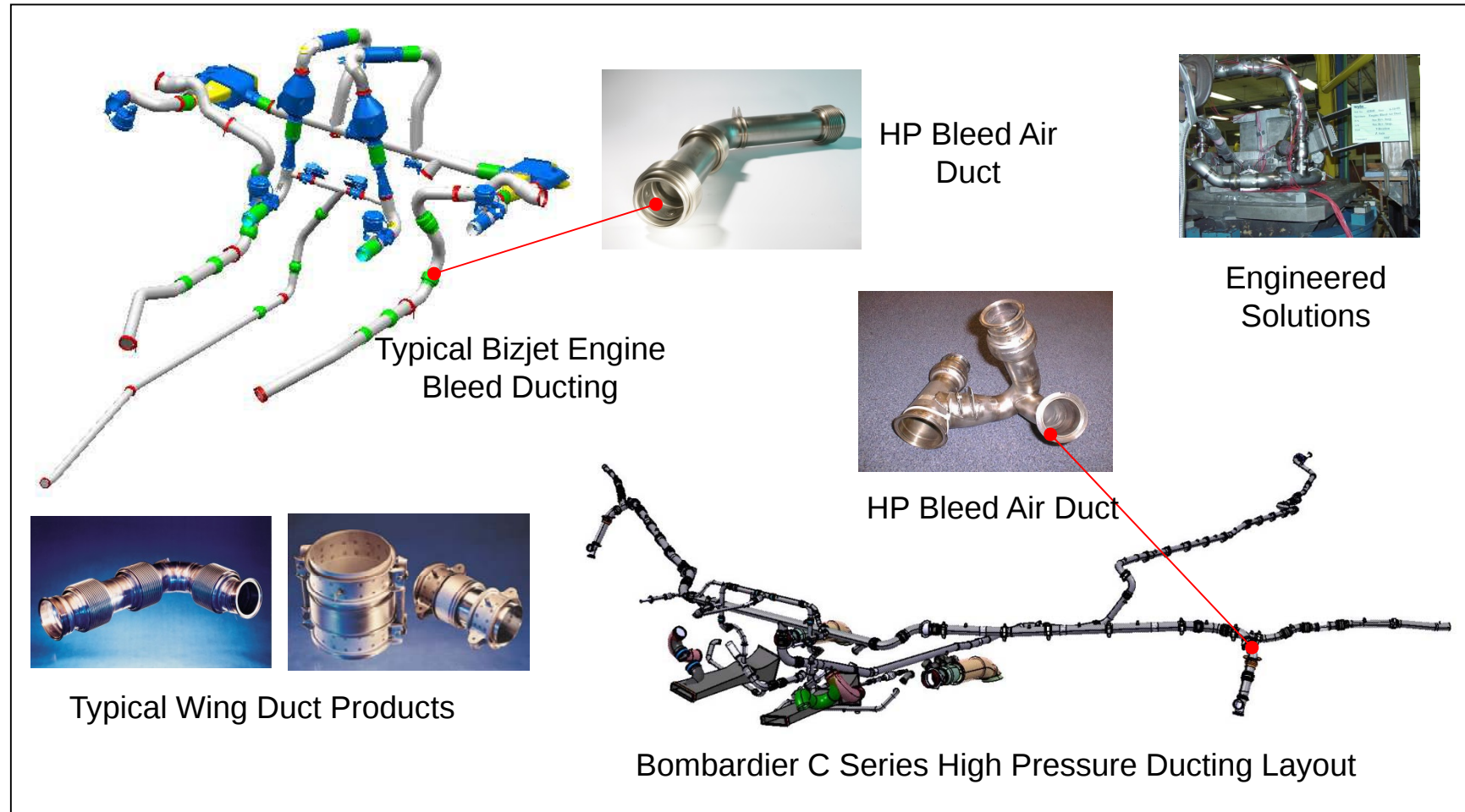
Fluid Conveyance: Low Pressure Ducting



Main Operations: BWT, Composites, Atlas

Main Customers: Bombardier, Cessna, Hawker, Mitsubishi, Embraer, Agusta Westland

Fluid Conveyance: High Pressure Ducting



Main Operations: SSP, Bird Bellows, Calorstat

Main Customers: Airbus, Boeing, Bombardier, EADS, Lockheed Martin, Gulfstream, GKN

Fluid Conveyance: Aerospace Control Products



Hydraulic Bellows
Accumulators



Hydraulic System Couplings



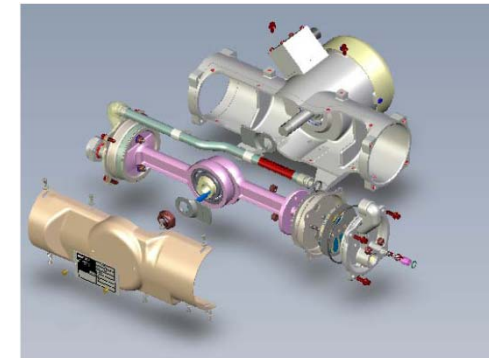
Control Actuators



Pressure/Temp Sensors



Hydraulic Control Manifold



Compressor Assembly

Main Operations: Metal Bellows, Calorstat, Bird Bellows, Ermeto

Main Customers: Airbus, Boeing, Lockheed Martin, Northrop Grumman, Embraer, Eaton, GKN

Fluid Conveyance: Non-Aerospace Control Products



Pin Lift Actuator
(Semi-Conductor)



Bellows Assembly
(Nuclear industry)



Process Control Valves
(Chemical process)

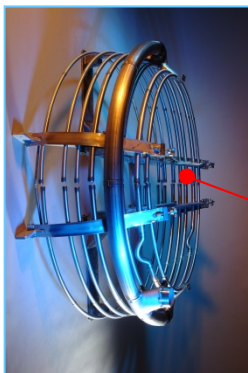


Drug Pump Implant
(Medical)

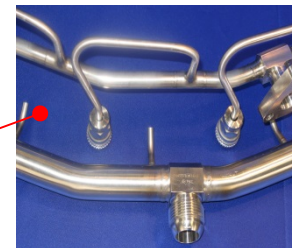
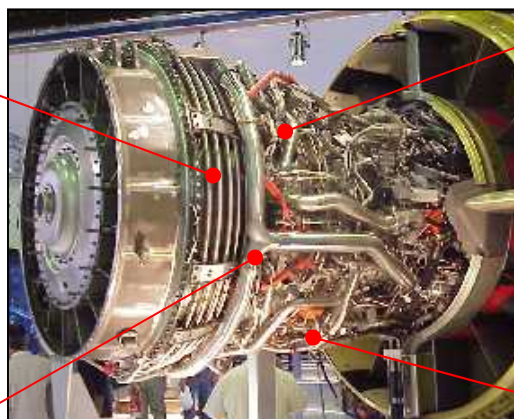
Main Operations: Calorstat, Metal Bellows, Ermeto, Bird Bellows

Main Customers: AECL Nuclear, Volvo, LAM Industries, Medtronics, Carrier, Dresser, Tyco

Gas Turbine Engines: Fluid Systems



Active Clearance Control System



Hydraulic/Fuel Feed Manifolds



Engine Bleed Ducting



Bellows Face Seal

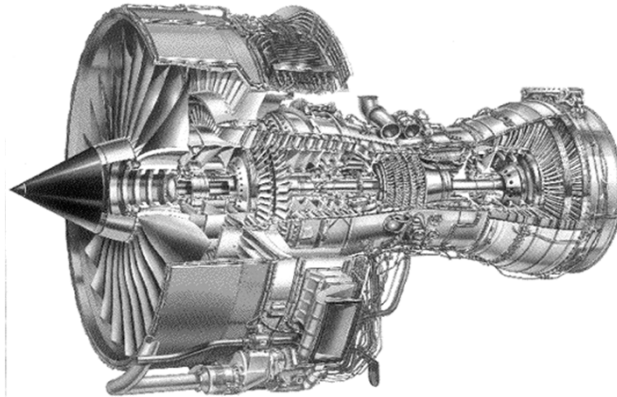
Main Operations: Bosman, Ermeto, Metal Bellows, Bird Bellows, SSP

Main Customers: Rolls-Royce, Snecma, MTU, Pratt & Whitney

Gas Turbine Engine: Engine Components



TFE 731 Lear
Jet/Hawker Front
Frame



Typical Gas Turbine Aero-engine



307 Combustion
Case (Dassault 7X)



F-35 Front Strutt
Case



Trent 1000 Engine Casing
(B787)



Trent 1000 Combustor
Case (B787)



Aerofoil for gas
turbine engine



TFE 731 Learjet/Hawker
Bearing Support Housing

Main Operations: Ketema, Jet, Capo, Weston

Main Customers: GE, Rolls-Royce, Honeywell, UTC (P&W and Goodrich)

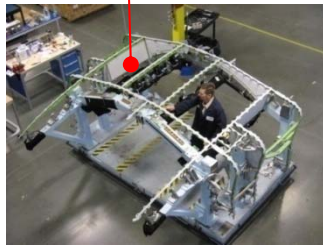
Structures: Airframe



Main Operations: AMT, Absolute, Damar, Mexico, Weston

Main Customers: Boeing, Spirit, Goodrich (UTC)

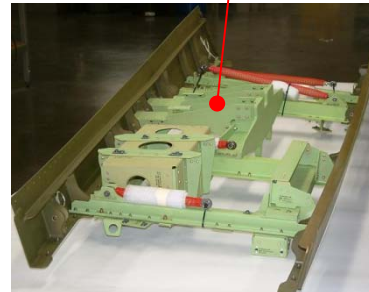
Structures: Assemblies



737 Wing to Body
Frame (Birdcage)



737 Air Inlet (2ea)
Ram Air



767 Engine Pylon



787 Wing to Body
Frame

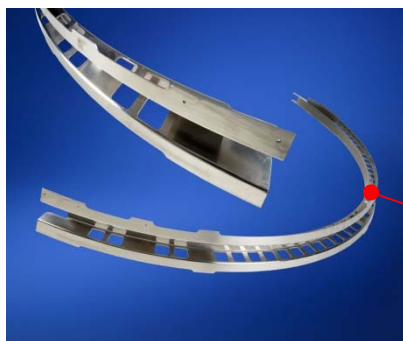


Premium Seat Chassis

Main Operations: AMT, Weston

Main Customers: Boeing, Spirit, Contour (Zodiac)

Structures: Nacelles



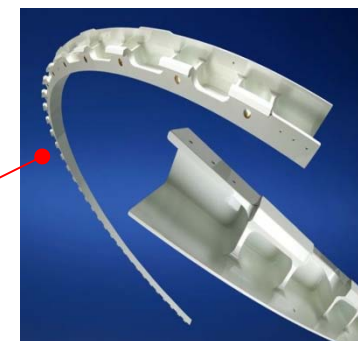
777 Load Share Ring



CF34-10 Torque Box Ring,
(Embraer 190)



B777 Engine Nacelle Housing



GE 90 Inlet Attach
Rings (B777)



737 Cascade
Support Ring

Main Operations: Jet, Ketema

Main Customers: Boeing, Goodrich, Spirit, Middle River (GE)

Structures: Helicopter Transmissions



Sikorsky UH60 Blackhawk



Sikorsky S-92 Rotorcraft



Blackhawk Gear Housing Assy.



UH60 Blackhawk Housing Assy.



S-92 Swash Plate Guide



Blackhawk Spindle



Blackhawk Carrier Assy.



S-92 Carrier Assy.

Main Operations: S A Connecticut

Main Customers: Sikorsky, Rolls-Royce



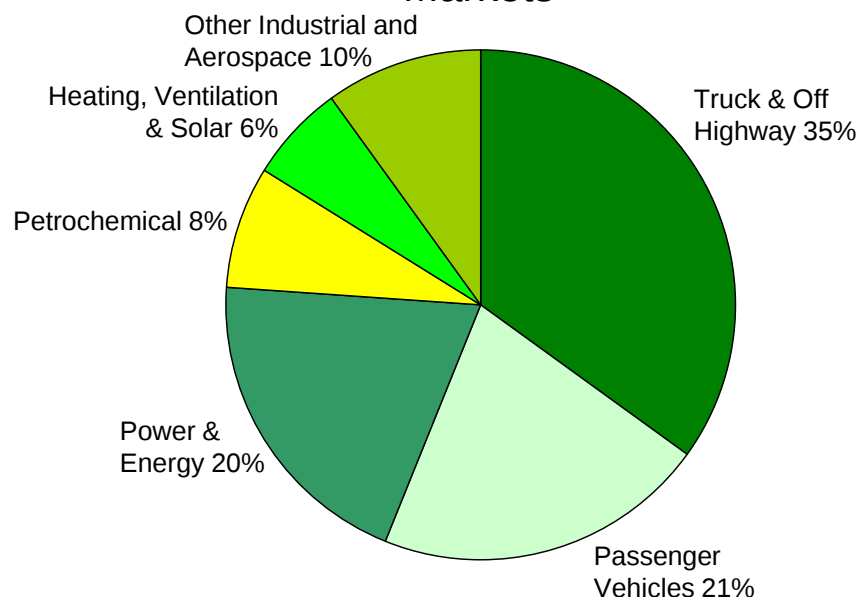
FLEXONICS DIVISION

FLEXONICS DIVISION: A SUMMARY

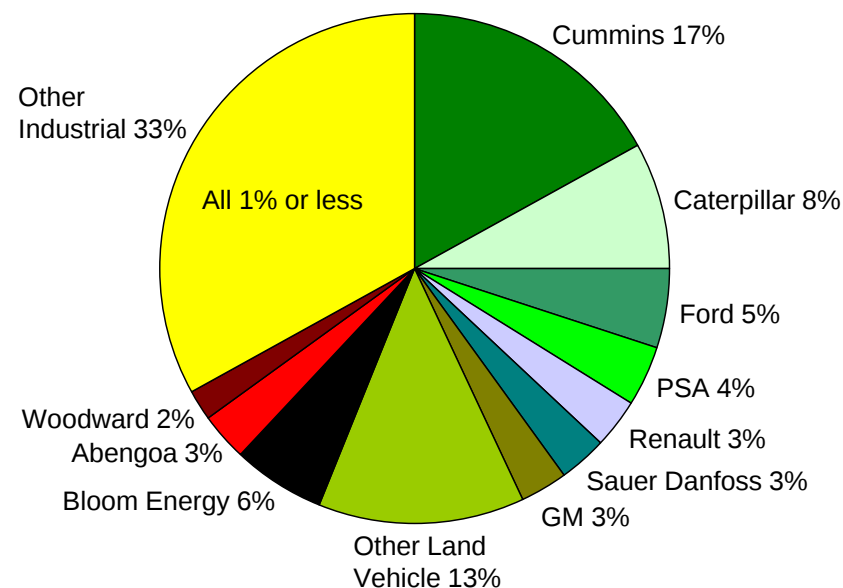
	2013	2012 ⁽²⁾	Change
Revenue	£145.6m	£123.8m	+17.6%
Adjusted Operating Profit ⁽¹⁾	£20.6m	£17.7m	+16.4%
Adjusted Operating Margin ⁽¹⁾	14.1%	14.3%	-0.2ppts

12 Operations	
NAFTA	4
Europe	3
UK	1
ROW	3
China JV	1

Markets



Customers



- (1) Before amortisation of intangible assets arising on acquisitions of £0.6m (2012: £nil), acquisition costs of £nil (2012: £0.3m) and reversal of contingent consideration payable of £3.9m (2012: £nil).
- (2) All at H1 2013 exchange rates – translation effect only.

FLEXONICS – OPERATIONS

Operation	Location
Senior Flexonics Bartlett	Chicago, USA
Senior Flexonics Pathway	San Antonio & Maine, USA
Senior Flexonics GA	Wisconsin, USA
Senior Flexonics Germany	Germany
Senior Flexonics Cape Town	South Africa
Senior Flexonics Blois	France
Senior Flexonics Sao Paulo	Brazil
Senior Flexonics Olomouc	Czech Republic
Senior Flexonics Canada	Toronto, Canada
Senior Flexonics New Delhi	India
Senior Flexonics Crumlin	South Wales (R&D centre)
Senior Flexonics Technologies	Wuhan, China

H1 2013 Total Gross Sales were £146.9m (H1 2012 £124.1m)

FLEXONICS – STRATEGY

Sector

Strategic Objectives

Land Vehicle Emission Control

Heat Exchangers

Exhaust Flexes

Common Rail Diesel

Industrial Process Control

Expansion Joints & Dampers

Hoses, Flexes, Bellows

Fuel Cells, CHP, Solar Power & Heating

- ❑ Develop product portfolio as emission regulation thresholds increase
 - ❑ Invest further in emerging market footprint, in growth markets
 - ❑ Capitalise on expanded capabilities following acquisition of GA
 - ❑ Continue to invest and expand in heavy-duty truck/off-highway sector
 - ❑ Investment in passenger car niches to support development of global platform capabilities
-
- ❑ Expand global presence via offshore partners for large projects
 - ❑ Secure growth from tightening emission standards in developed markets
 - ❑ Seek proprietary adjacent products
 - ❑ Participate in new technology developments and applications (e.g. combined heat & power, concentrated solar power)

Land Vehicle Emission Control

Tubes

Turbo-oil
feed and
drain



Exhaust
Bellows



Common Rails



High Pressure
Fuel Lines



Diesel fuel injector components



EGR Coolers/Heat
Exchangers

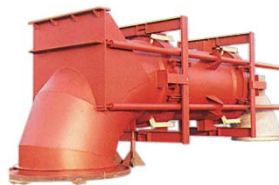
Main Operations: Bartlett, GA, Germany, Blois, Cape Town, Sao Paulo, New Delhi

Main Customers: Cummins, Perkins, CAT, Man, Scania, JCB, PSA, Ford, Renault, Faurecia

Industrial Process Control (1)



Metal Expansion Joints



Fabric Expansion Joints

Refineries
Steel Mills



Power
Generation



Metal Expansion Joints



Dampers/Diverter

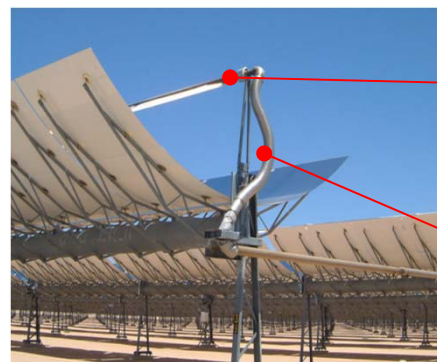
Main Operations: Pathway, WahlcoMetroflex

Main Customers: US domestic operators (400+), Constructors (Global), Engineering specifiers

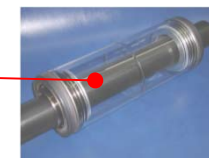
Industrial Process Control (2)



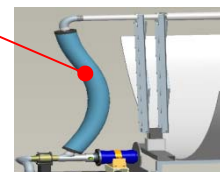
Flexible Tubes & Hoses



CSP - Solar Troughs



Vacuum Seal Bellows



RotationFlex®



Medical Heat Exchangers



Fuel Cells – Dielectric for fuel delivery



Instrument Control Bellows

Main Operations: Bartlett, Canada, Germany, Crumlin

Main Customers: Medtronics, Valliant, Schott, Abengoa, Bloom Energy

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