









# FULL YEAR RESULTS 2011





#### **AGENDA**

Introduction Martin Clark Chairman

"Senior delivered a record set of results in 2011. Adjusted profit before tax increased by 19%, driven by strong revenue growth and continuing margin improvements, and healthy operating cash flows resulted in a net debt to EBITDA ratio of only 0.8 times after significant investment in capacity expansion and two commercial aerospace acquisitions. Trading has been in line with expectations since the start of 2012 and this, combined with the healthy long-term prospects for the Group, gives the Board the confidence to recommend a 22% increase in the full year dividend for 2011, in line with the increase in adjusted earnings per share."

2011 Results Simon Nicholls FD

Markets & Outlook Mark Rollins CEO















## 2011 RESULTS





## **FINANCIAL HIGHLIGHTS**

	2011	2010	Change
Revenue	£640.7m	£566.9m	<b>+13%</b> <sup>(1)</sup>
Adjusted Operating Profit	£88.3m	£75.4m	<b>+17%</b> <sup>(2)</sup>
Adjusted Operating Margin	13.8%	13.3%	+0.5ppts
Adjusted Profit before Tax	£78.0m	£65.3m	+19%
Adjusted Earnings per Share	14.55p	12.01p	+21%
Total Dividend	3.80p	3.12p	+22%
Net Borrowings	£93.0m	£63.7m	£29m increase





 <sup>(1)</sup> Revenue increased by 15% on a constant currency basis; organic revenue (excluding acquisitions) increased by 12% on a constant currency basis.
 (2) Adjusted operating profit increased by 20% on a constant currency basis; organic adjusted operating profit (excluding acquisitions) increased by 19% on a constant currency basis.

## **AEROSPACE RESULTS** – constant exchange rates (2)

Turnover £m					
2011	2010	Change			
382.6	325.7	+17.5%			

Adj Operating Profit <sup>(1)</sup> £m					
2011	2010	Change			
59.6	48.7	+22.4%			

<u>Margin</u>	on Sales
2011	2010
15.6%	15.0%

- ⇒ Continuing benefit from increasing build rates on large commercial aircraft programmes
  - Boeing 737, 747-8, 777, 787; Airbus A320, A330, A380
- ⇒ Strong demand on Senior's main military programmes
  - C-130J build rate increase
  - Further benefit from build rate increase on Black Hawk helicopter
- ⇒ Regional and business jet markets remain subdued, as expected
  - Activity increasing on new regional jet programmes
  - Favourable bias towards large business jets again beneficial
- ⇒ Acquisitions contributed revenue of £15.6m
  - Strong start at Weston
  - Damar turnaround now gaining momentum
  - Excellent future growth prospects for both businesses
- ⇒ Record operating margin achieved

Aerospace

- Favourable revenue mix (large commercial aircraft and military)
- Further progress with operational excellence initiatives
- (1) Before loss on disposal of fixed assets of £nil (2010: £0.1m), amortisation of intangible assets arising on acquisitions of £4.4m (2010: £4.6m), acquisition costs of £0.6m (2010: £nil) and goodwill impairment charge of £nil (2010: £8.7m).



Full Year Results 2011



## FLEXONICS RESULTS – constant exchange rates (2)

Т	urnover	£m	Adj Operating Profit <sup>(1)</sup> £m			Margin	on Sales
2011	2010	Change	2011	2010	Change	2011	2010
258.5	230.9	+12.0%	36.0	31.1	+15.8%	13.9%	13.5%

- ⇒ Overall healthy increase in sales in land vehicles markets
  - Significant increase in North America medium and heavy duty trucks
  - New European truck programmes also of benefit
  - Passenger car market grows in India; flat in Brazil
  - Decline of 7% in sales for Flexonics' major passenger car customers in Europe
- Industrial activity generally favourable
  - HVAC increases driven by strong major contract activity in UK nuclear and strong German domestic demand for the majority of the year
  - Power and energy markets in US show slight increase, including fuel cell and land based gas turbine components
  - Marginal increase in petrochem mainly due to increased oil sands activity in Canada
- ⇒ Record operating margin achieved
  - · Benefits of increased volumes, particularly for truck components
  - Effective cost control and operational efficiency improvements
  - (1) Before loss on disposal of fixed assets of £0.3m (2010: £0.3m profit) and acquisition costs of £nil (2010: £0.1m).
  - (2) All at 2011 exchange rates translation effect only.



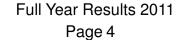


## **DIVISION RESULTS** – constant exchange rates (2)

£m		Turnove	er	Adj Op	erating	Margin on Sales		
	2011	2010	Change	2011	2010	Change	2011	2010
Aerospace	382.6	325.7	+17.5%	59.6	48.7	+22.4%	15.6%	15.0%
Flexonics	258.5	230.9	+12.0%	36.0	31.1	+15.8%	13.9%	13.5%
Inter-Segment sales	(0.4)	(0.4)	-	_	-	-	-	-
Central costs	-	-	-	(7.3)	(6.2)	+17.7%	-	-
<b>Continuing Ops</b>	_640.7	556.2	+15.2%	88.3	73.6	+20.0%	13.8%	13.2%
Exchange effect		10.7			1.8			

<sup>(1)</sup> Before loss on disposal of fixed assets of £0.3m (2010: £0.2m profit), acquisition costs of £0.6m (2010: £0.1m), amortisation of intangible assets arising on **Fig. 1.1** (2010: £0.1m), amortisation of intangible assets arising on **Fig. 2.1** (2010: £0.1m), amortisation of intangible assets arising on **Fig. 3.3** (2) All at 2011 exchange rates – translation effect only.







## GEOGRAPHIC RESULTS — constant exchange rates (2)

£m	Turne	over by	Origin	Adj Operating Profit (1)			Margin on Sales		
	2011	2010	Change	2011	2010	Change	2011	2010	
North America	425.3	364.6	+16.6%	65.9	55.0	+19.8%	15.5%	15.1%	
Rest of Europe	100.6	96.4	+4.4%	6.1	4.6	+32.6%	6.1%	4.8%	
United Kingdom	71.7	57.0	+25.8%	12.0	9.2	+30.4%	16.7%	16.1%	
Rest of World	47.4	42.4	+11.8%	11.6	11.0	+5.5%	24.5%	25.9%	
Inter-Segment sales	(4.3)	(4.2)	-	-	-	-	-	-	
Central costs				(7.3)	<u>(6.2)</u>	+17.7%			
Continuing Ops	640.7	556.2	+15.2%	88.3	73.6	+20.0%	13.8%	13.2%	
Exchange effect	-	10.7	-		1.8	-	-	<u>-</u>	

<sup>(1)</sup> Before loss on disposal of fixed assets of £0.3m (2010: £0.2m profit), acquisition costs of £0.6m (2010: £0.1m), amortisation of intangible assets arising on repartieithns of £4.4m (\$40.57.6m), ar\$60.00vill impair 13:10% ge of £nil (238:38.7m). 75.4 +17.1% 13.8% 13.3% (2) All at 2011 exchange rates – translation effect only.





## **ADJUSTED AND REPORTED PROFIT**

	2011 £m	2010 £m	Change
Adjusted operating profit (1)	88.3	75.4	+17%
Net interest payable - borrowings and cash - retirement benefits	(7.9) (2.4)	(7.9) (2.2)	
Adjusted profit before tax (1)	78.0	65.3	+19%
Tax (2011: 25.0%; 2010: 26.5%)	(19.5)	(17.3)	
Adjusted profit for the period (1)	58.5	48.0	+22%
(Loss)/profit on sale of fixed assets	(0.3)	0.2	
Acquisition costs	(0.6)	(0.1)	
Amortisation of intangible assets	(4.4)	(4.6)	
Impairment of goodwill	-	(8.7)	
Related tax on above items	1.8	5.6	
Reported profit for period	55.0	40.4	+36%

<sup>(1)</sup> Before loss on disposal of fixed assets of £0.3m (2010: £0.2m profit), acquisition costs of £0.6m (2010: £0.1m), amortisation of intangible assets arising on acquisitions of £4.4m (2010: £4.6m), and goodwill impairment charge of £nil (2010: £8.7m).





## **EARNINGS PER SHARE AND DIVIDENDS**

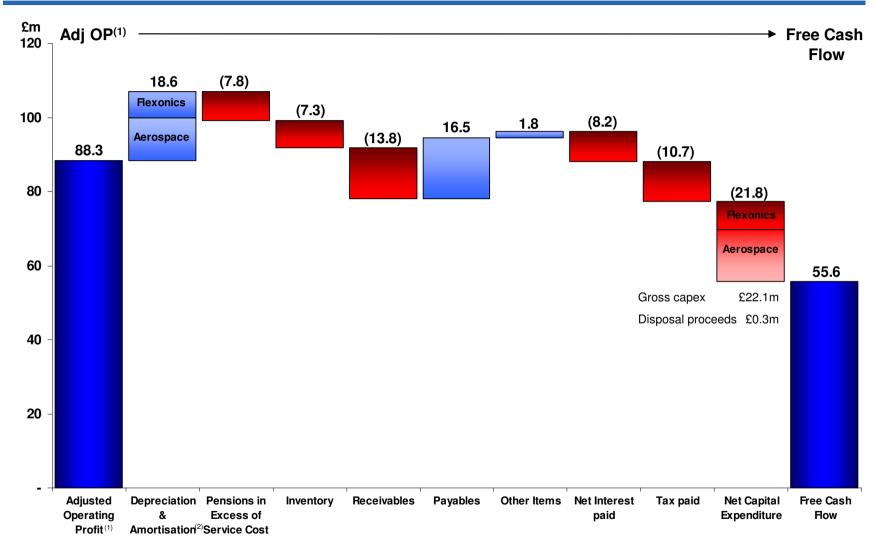
	2011	2010	Change
Average number of shares			
Basic Fully diluted	402.0m 416.3m	399.6m 413.6m	+2.4m +2.7m
Adjusted earnings per share <sup>(1)</sup>			
Basic Fully diluted	14.55p 14.05p	12.01p 11.61p	+21% +21%
Dividends (pence per share)			
Interim Final Total	1.15p <u>2.65p</u> 3.80p	1.00p <u>2.12p</u> 3.12p	+15% +25% +22%
Dividend cost (£m)			
Interim Final Total	£4.6m £ <u>10.7m</u> £15.3m	£4.0m <u>£8.5m</u> £12.5m	
Dividend cover (last 12 months)	3.8x	3.8x	

<sup>(1)</sup> Before loss on disposal of fixed assets of £0.3m (2010: £0.2m profit), acquisition costs of £0.6m (2010: £0.1m), amortisation of intangible assets arising on acquisitions of £4.4m (2010: £4.6m), and goodwill impairment charge of £nil (2010: £8.7m).



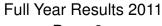


### FREE CASH FLOW BRIDGE



- (1) Before loss on disposal of fixed assets of £0.3m (2010: £0.2m profit), acquisition costs of £0.6m (2010: £0.1m), amortisation of intangible assets arising on acquisitions of £4.4m (2010: £4.6m), and goodwill impairment charge of £nil (2010: £8.7m).
- (2) Before amortisation of intangible assets arising on acquisitions of £4.4m (2010: £4.6m).







## **CHANGE IN NET DEBT**

Free cash flow (page 34)	2011 £m 55.6	2010 £m 58.8
Dividends Acquisitions Sale of shares held by employee benefit trust Share issues	(13.1) (68.6) - -	(10.8) (8.3) 1.4 0.3
Net cash (outflow)/ inflow	(26.1)	41.4
Exchange variations	(2.3)	(2.8)
Finance leases entered into during the year	(0.2)	-
Finance leases assumed on acquisitions	(0.7)	-
Net debt - opening	(63.7)	(102.3)
Net debt – closing (page 36)	(93.0)	(63.7)
Net debt to EBITDA (page 38)	0.8x	0.7x





## **BALANCE SHEET**

	2011 £m	2010 £m
Goodwill and other intangible assets	226.8	176.6
Property, plant and equipment	126.4	114.0
Other long-term assets	9.7	1.6
Non current assets	362.9	292.2
Inventories	90.3	75.1
Receivables	106.8	80.7
Payables	(140.6)	(110.5)
Working capital (page 11)	56.5	45.3
Current tax liabilities	(9.2)	(7.4)
Net current assets	47.3	37.9
Retirement benefit obligations (page 39)	(34.5)	(38.2)
Net borrowings	(93.0)	(63.7)
Other long-term liabilities	(6.4)	(2.3)
Net assets	276.3	225.9

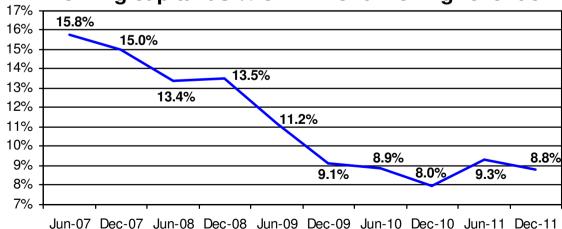




## **WORKING CAPITAL**

		Cash Flow		
	Inventories	Receivables	Payables	Working Capital
	£m	£m	£m	£m
31 December 2010 (page 10)	75.1	80.7	(110.5)	
Movements in period:				
Aerospace	7.1	10.2	(9.8)	(7.5)
Flexonics	0.2	3.7	(3.0)	(0.9)
Holding companies	-	(0.1)	(3.7)	3.8
Cash flow	7.3	13.8	(16.5)	(4.6)
Acquisitions	8.4	13.8	(11.8)	
Foreign exchange effect	(0.5)	(0.6)	0.7	
Other non-cash movements	-	(0.9)	(2.5)	
31 December 2011 (page 10)	90.3	106.8	(140.6)	(4.6) (page 34)

#### Working capital as % of 12 month rolling revenue















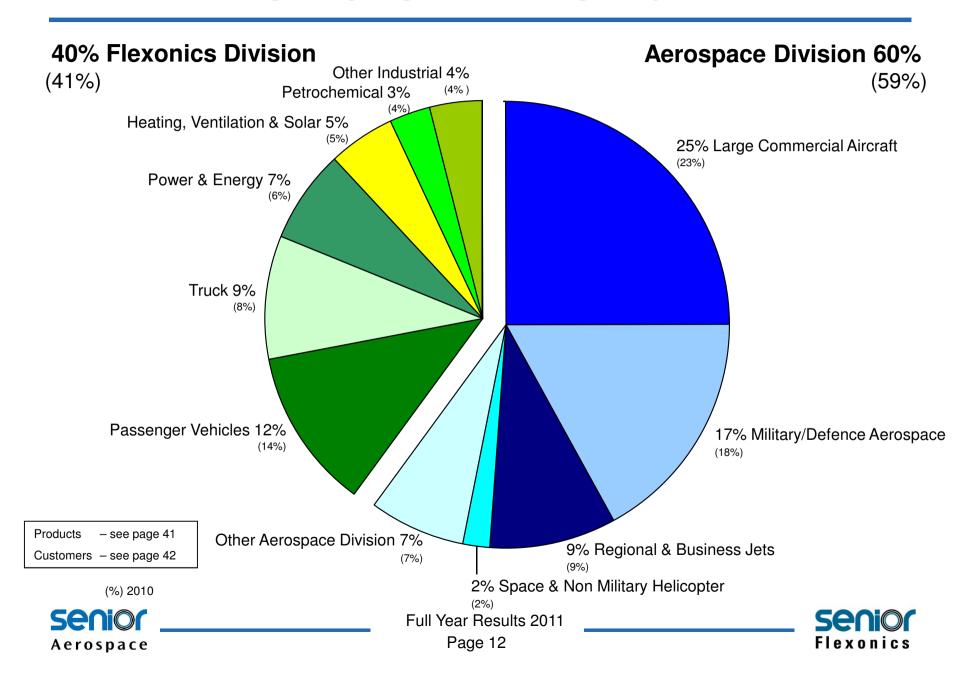


# MARKETS & OUTLOOK

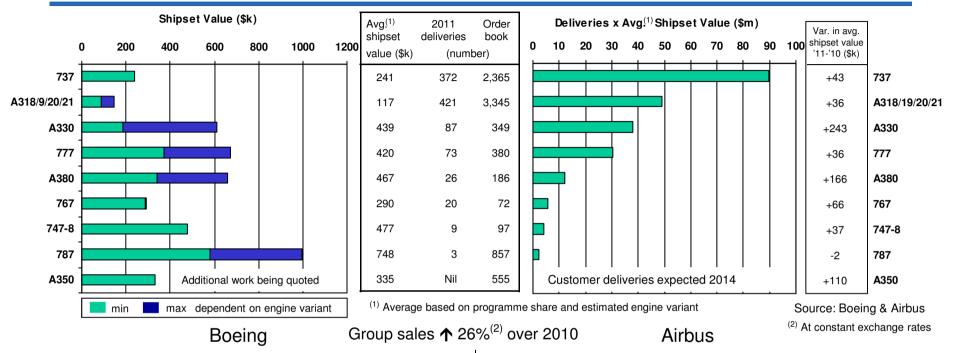




#### **SENIOR'S MARKETS – 2011**



## **LARGE COMMERCIAL AIRCRAFT (25% of Group)**



- ⇒ 2011 deliveries ↑ 3% to 477 aircraft (2010: 462)
- ⇒ 2011 orders 805 (921 orders less 116 cancelled) 2010 orders 530 (625 orders less 95 cancelled)
- ⇒ 31 Dec 2011 backlog = 3,771 (8 year production)
- → 737 MAX 150 firm orders; entry into service 2017 (over 450 firm orders at end of Feb. 2012)

- ⇒ 2011 deliveries ↑ 5% to 534 aircraft (2010: 510)
- ⇒ 2011 orders 1,419 (1,608 orders less 189 cancelled) 2010 orders 574 (644 orders less 70 cancelled)
- ⇒ 31 Dec 2011 backlog = 4,437 (8 year production)
- ⇒ A320neo nearly 1,300 firm orders; entry into service 2015
- ⇒ A350 shipset value \$335k and growing (2010: \$225k)

R-R contract to 2019 for 50% share of T700 & T1000 means average<sup>(1)</sup> shipset values in 2015 of: 787 - \$695k; A330 - \$515k



Full Year Results 2011



## **ACQUISITIONS**

**Damar** 

Acquisition date: 25 March 2011

Consideration paid: £15.8m total consideration

£15.5m paid in 2011 plus £0.1m acquired overdraft;

£0.3m paid in January 2012.

Location: Monroe,

Washington State, US

Key Market: Over 80% commercial

aerospace

Key Platforms: Boeing 737, 747-8, 767,

777, 787

Customers: Predominantly Boeing

2011 Revenue: £15.6m

(£11.5m in Senior)

Further details: See page 33

Full Year Results 2011 Page 14/1 Weston

25 November 2011

£53.0m plus £4.1m reimbursement for cash acquired

Colne, UK and Chonburi, Thailand

Over 90% commercial aerospace

Airbus A320 family, A330, A350, A380

Rolls-Royce and Spirit

£54.5m (£4.1m in Senior)

See page 32





## **WESTON GROUP ACQUISITION**

#### UK



100,000 sq ft over a number of sites New facility for 2013 = 2 future adjacent sites

Aerofoil machining for Rolls-Royce and structural components machining for Spirit





310 employees

#### **Thailand**



2 adjacent 30,000 sq ft facilities Aerofoil forging house next door

Aerofoil machining for Rolls-Royce and premium seat component manufacture and assembly for Contour (Zodiac)



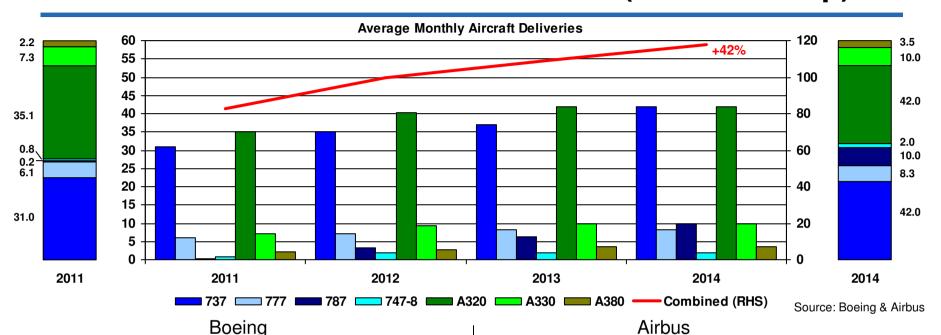


150 employees





## LARGE COMMERCIAL AIRCRAFT (25% of Group)



- ⇒ 2012 guidance: 585-600 aircraft (70-85 787/747-8)
- ⇒ 737 deliveries +35% by 2014
- ⇒ 777 deliveries +36% by 2014
- ⇒ 787 build rate to reach 10 per month by 2014
- ⇒ 747-8 build rate at 2 per month from mid 2012

- ⇒ 2012 guidance: around 570 aircraft
- ➡ A320 deliveries +20% by 2014
- A380 build rate to reach 3.5 per month from early 2013
- A350 shipset value \$335k mid 2014 to customers

A very healthy and visible outlook







#### A320neo and 737 MAX

#### A320neo

1,420 orders and commitments since December 2010 launch with nearly 1,300 firm. Entry into service 2015

**<u>Current</u>** Average<sup>(1)</sup> shipset value – \$117k

Airframe: Titanium housings, landing gear support, bleed air

system content (gimbals, vibreakers, pneumatic ducting)

APU: Containment rings, de-swirl vein, shielding covers, front

flanges

V2500: Nacelle rings, engine foils, active clearance controls,

pylon bellows

CFM56: Nacelle rings, active clearance controls, pylon bellows

**<u>A320neo</u>** Expect to achieve 50%+ increase in shipset value

Airframe: Anticipate retaining existing content. Quoting on pylon

bracket assembly

APU: Anticipate retaining existing content

Leap-X: Quoting on rotating airducts, anti-ice boosters, active

clearance controls and pylon bellows

GTF: Won engine ducting package, engine nozzle and

centerbody assembly. Quoting on fuel flow assembly, nacelle rings, active clearance controls and pylon

bellows

**737 MAX** 

Over 1,000 orders and commitments since August 2011 launch with over 450 firm. Entry into service 2017

**<u>Current</u>** Average<sup>(1)</sup> shipset value – \$241k

Airframe: Titanium housings, wing ribs, wing to body frames,

air inlets, spars, wheel well kits, airbeam outlet assembly, sheet metal brackets, potable water

compressor, anti-skid coupling

CFM56: Cascade support ring, torque box, V-blade

assembly, active clearance controls, hydraulic &

fuel pipe tubes

737 MAX Expect to achieve at least current shipset value

Airframe: Anticipate retaining existing content

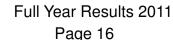
Additional opportunities in development

Leap-1B: Quoting on rotating airducts, thrust reverser, active

clearance controls, struts, fuel flow assembly

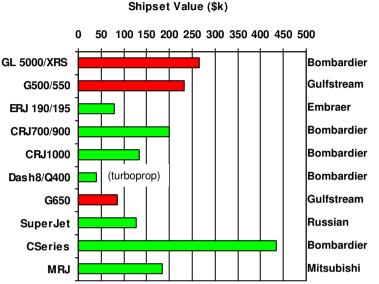
(1) Average based on programme share and estimated engine variant



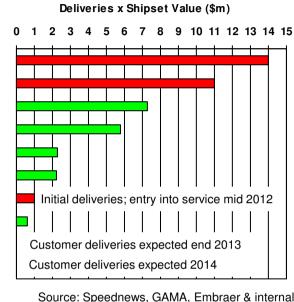


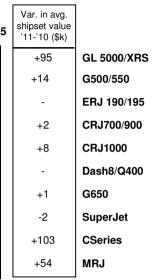


## **REGIONAL AND BUSINESS JETS (9% of Group)**



2011	Order		
deliveries	book		
53	?		
47 <sup>(1)</sup>	?		
92	197		
29	18		
17	29		
55	22		
12	?		
5	179		
Nil	133		
Nil	65		





(1) estimated

Source: Speednews, GAMA, Embraer & internal estimates

#### Market

- 2011 Deliveries<sup>(2)</sup> **♦** 6% to 681 (2010: 727) **Business Jet Deliveries** 
  - Larger jets stronger than smaller jets
- Regional Jet Bombardier ↑ 22% to 101 aircraft (2010: 83) **Deliveries** - Embraer ↑ 5% to 105 aircraft (2010: 100)
- Regional Jet - Bombardier +47 (+102 in 2010) **Net Orders** - Embraer +104 (+85 in 2010)

#### Senior

- **Business Jets**  Represents 6% of Group revenue
  - Group sales ↑ 14%<sup>(3)</sup> over 2010
  - G650 starting production
  - Global Express XRS increasing
- Regional Jets Represents 3% of Group revenue
  - Group sales ↑ 7%<sup>(3)</sup> from 2010
  - CSeries 43 orders in 2011

<sup>(2)</sup> Excluding Hawker Beechcraft's Q4 deliveries

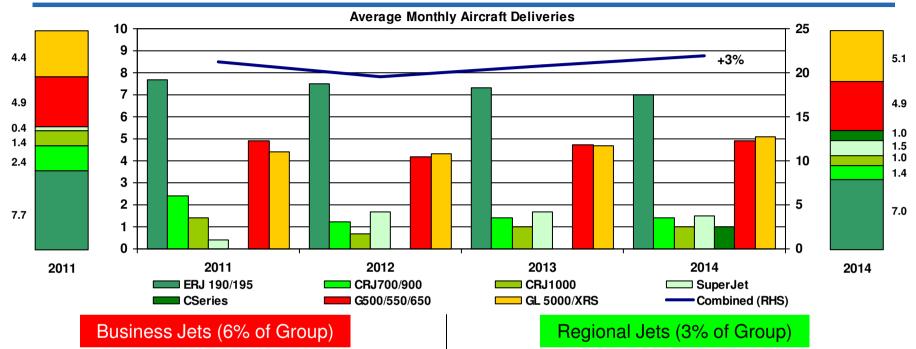


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(3) At constant exchange rates



## **REGIONAL AND BUSINESS JETS (9% of Group)**



⇒ Delivery history: 2008 1,315

2009 870

763 (727 excl. Q4 Hawker Beechcraft)na (681 excl. Q4 Hawker Beechcraft)

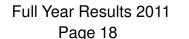
- ☐ G650 (\$86k shipset) ramps up as G500/550 (\$233k) declines
- Bombardier L85 shipset value \$192k around end 2013 to customers; 2014 production 1 to 2 aircraft per month

- SuperJet (Russian) shipset value \$128k first delivery April 2011
- ARJ (Chinese) shipset value \$117k end 2012 to customers
- ⇒ CSeries shipset value \$433k end 2013 to customers
- ⇒ MRJ (Japanese) shipset value \$184k Q1 2014 to customers
- ⇒ CRJ 1000 ((Bombardier) shipset value \$133k now in full production

Source: Teal Group & internal estimates

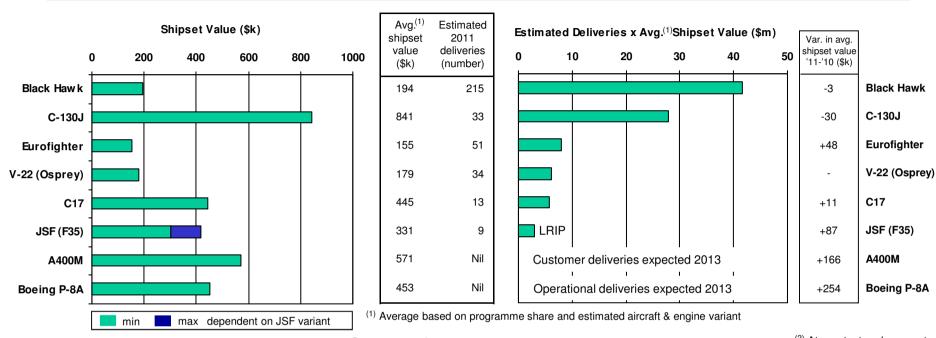
Gradual increase from low base







## **MILITARY AND DEFENCE (17% of Group)**



Group sales ↑ 13%(2) over 2010

(2) At constant exchange rates

- ⇒ Black Hawk shipset value \$194k assumes 65% share

- ⇒ JSF: CTOL A version shipset value \$313k STOVL B version shipset value \$426k Carrier C version shipset value \$324k

⇒ Eurofighter deliveries remain flat at 51 aircraft (2010: 51)

- ⇒ C17 deliveries **4** 7% to 13 aircraft (2010: 14)
- ⇒ P-8A shipset value \$453k end 2013 to customers
- ⇒ JSF: commenced deliveries of low rate initial production (LRIP) aircraft

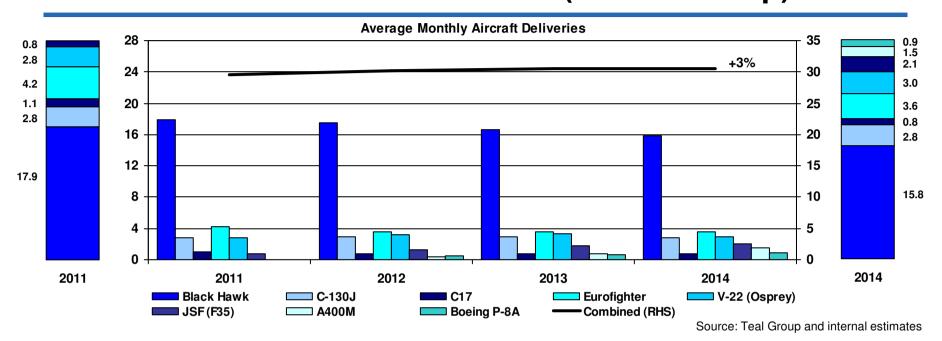
Source: Lockheed Martin, Boeing and internal estimates



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## **MILITARY AND DEFENCE (17% of Group)**



- ⇒ Black Hawk very gradual decrease in build rates
- → C-130J deliveries to remain steady through 2012-2013; reducing from 2014
- → V-22 deliveries to grow in 2012-2013; reducing from 2014
  - attracting export interest

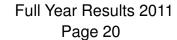
- ⇒ P-8A currently a 117 aircraft programme (737 derivative)
  - LRIP orders placed for 13 aircraft
- ⇒ A400M currently a 174 aircraft programme
- ⇒ JSF planned production quantities total 3,140 aircraft

(includes US: 2,443; UK: 138; Italy: 131;

Australia: 100; Turkey: 100)

2012 and 2013 solid; 2014 onwards less visible, but have new programmes







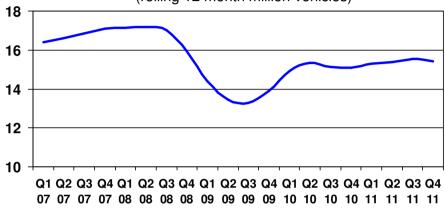
## **LAND VEHICLES (21% of Group)**

#### Passenger Vehicles (12% of Group)

- ⇒ EU car sales **4** 2%; production **↑** 2%
- ⇒ European sales at PSA, Renault and Ford **V** 7%
- ⇒ Brazil car sales flat; production **4** 2%
- □ India car sales ↑ 4%; production ↑ 7%

Group sales  $\Psi$  4%<sup>(2)</sup> from 2010

## European Car Production<sup>(1)</sup> (9% of Group) (rolling 12 month million vehicles)



#### Medium & Heavy Duty Vehicles (9% of Group)

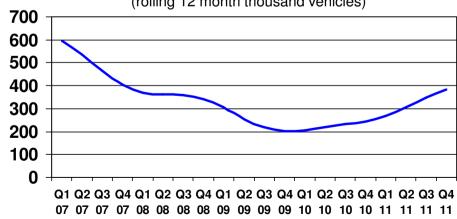
- ⇒ NA truck sales ↑ 37%; production ↑ 57%
- ⇒ EU truck sales ↑ 25%; production ↑23%
- New German programmes benefiting Group

#### Group sales ↑ 34%(2) over 2010

- (1) Industry Data Source: ACEA, Wards, IHS Automotive & LCM Automotive
- (2) At constant exchange rates



## NA Med. & Heavy Truck Prod<sup>n(1)</sup> (7% of Group) (rolling 12 month thousand vehicles)







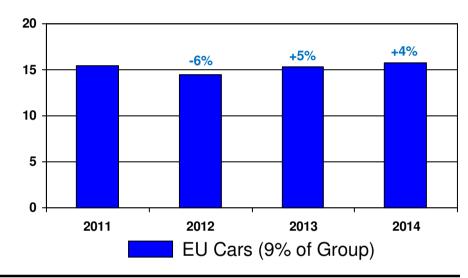


## **LAND VEHICLES (21% of Group)**

#### Passenger Vehicles (12% of Group)

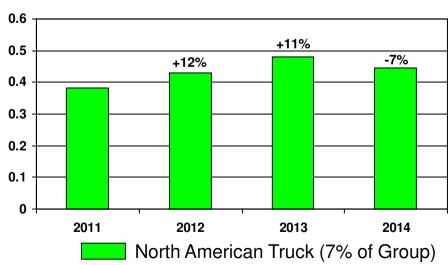
- ⇒ European sales down at PSA (**4** 9%), Renault (**4** 8%), Ford (**4** 3%)
  - Near term outlook remains challenging for Senior's European customers
- ⇒ Brazil (2% of Group) and India (1%) anticipate modest growth
- French automotive operation close to break-even with increasing heavy duty diesel content
- New product development opportunities as emission legislation tightens

Vehicle Production(1) Forecast (million vehicles)



#### Medium & Heavy Duty Vehicles (9% of Group)

- ⇒ Ongoing recovery in N. America predicted to continue
- Cummins (6% of Group) positive on their outlook
- ⇒ Working on potential JV in China to support customers
- Gaining momentum in Germany with truck revenue
   ↑ 34% to £8.7m in 2011



(1) Industry Data - Source: IHS, LMC Automotive and internal estimates

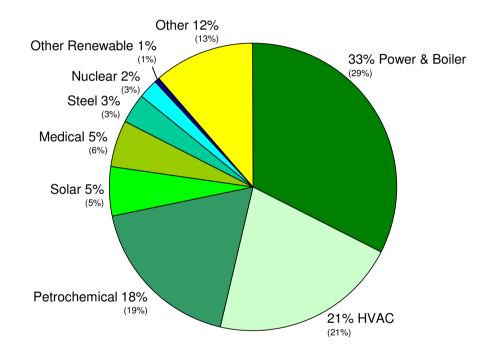


Full Year Results 2011



## **INDUSTRIAL** (19% of Group)

#### 2011 Industrial sales split



#### **Group Sales** ★ 15%<sup>(1)</sup> over 2010

Power & Energy: ↑ 27%<sup>(1)</sup> fuel cell dielectrics and diesel

genset rails

Petrochemical: 12%<sup>(1)</sup> partly Canadian oil sands

HVAC: ↑ 15%<sup>(1)</sup> UK nuclear HVAC ducting

Solar: ↑ 19%<sup>(1)</sup> RotationFlex growth

#### **Outlook**

Healthier order books for North American expansion joints

⇒ UK nuclear HVAC activity growing

(1) At constant exchange rates



(%) 2010



#### **AEROSPACE – STRATEGY**

#### **Sector**

#### **Strategic Objectives**

## Fluid Systems

Aerostructures

#### Fluid Conveyance Systems

Low Pressure Ducting
High Pressure Ducting
Aerospace Control Products
Non-Aerospace Control Products

#### **Gas Turbine Engines**

Fluid Systems
Engine Components

#### **Structures**

Airframe
Assemblies
Nacelles
Helicopter Transmissions

- Seek proprietary add-ons & adjacent products
- □ Further develop strategic customer relationships
- Increase customer value add through more complete product offering, including increase in inter-company collaboration
- Increase engineering strength to benefit from customer outsourcing
- □ Target more flight-critical parts (e.g. rotating)
- Increase focus on fluid systems applications (e.g. engine ducting and bellows)
- Continue to develop customer outsourcing opportunities
- Growth in higher value assemblies
- Growth outside of USA incl. greater Airbus content
- Invest in well-funded military aerospace programmes
- Continue focus on operational excellence to deliver market share gains





#### FLEXONICS - STRATEGY

#### **Sector**

#### **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

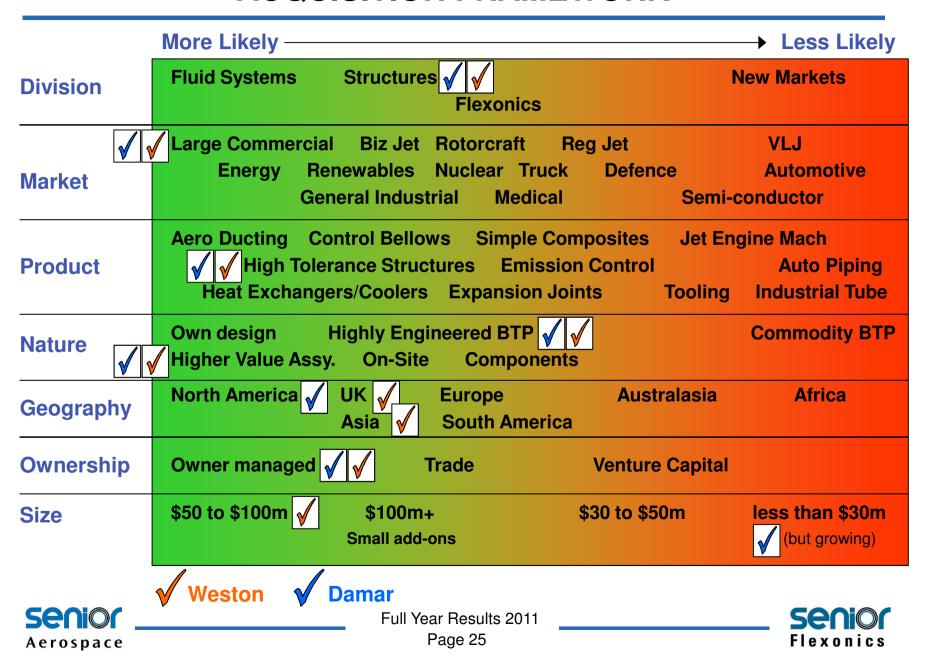
#### **Strategic Objectives**

- Continue to develop product portfolio in line with increasing emission regulation standards
- Growth in heat exchanger applications, including fuel cell technologies
- Growth in heavy-duty diesel engine programmes, including off-highway
- Focus passenger vehicle component manufacture outside W. Europe and N. America
- Capitalise on energy sector requirements to comply with reduced emissions standards (e.g. US Cross-State Air Pollution Rule)
- Target wider Global presence, including Europe and Asia
- Seek proprietary adjacent products
- Participate selectively in developments in key new technology applications (e.g. combined heat & power, concentrated solar power)





### **ACQUISITION FRAMEWORK**



#### **GROUP OUTLOOK**

Large Commercial Aerospace: Very healthy and visible outlook

Business and Regional Jets: Gradual increase from low base

Military and Defence: 2012-2013 solid; 2014+ less certain but have new programmes

Land Vehicles: N. American trucks ↑; Europe trucks – new programme benefit

European passenger vehicles **↓** 

Industrial: Healthier order books in North America. Europe mixed

Uncertainties: European financial crisis – but well financed; US focussed;

Aerospace is global market

Foreign exchange – 10 c movement in £:\$

= £3m PBT (full year)

= £7m net debt

2012 has started in line with the Board's expectations and prospects for the remainder of 2012 and beyond remain encouraging















## ANY QUESTIONS?

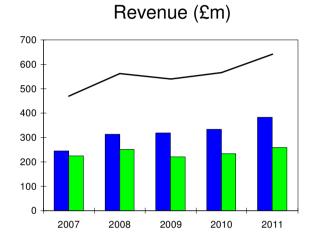


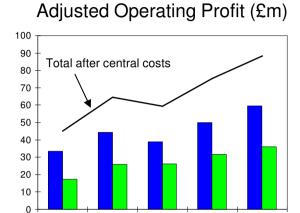
## **APPENDICES**





### **GROUP EVOLUTION**





2009

2010

Flexonics

2011

---- Group

2007

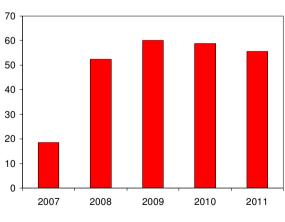
Group

Aerospace

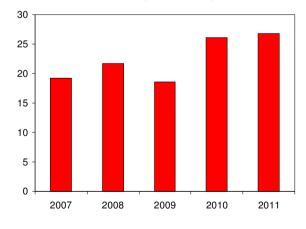
2008



Free Cash Flow (£m)



Return on Capital Employed (%) Share Price (p) / Market Capitalisation (£m)









#### **EXCHANGE RATES**

	<b>Profit and Loss Account</b>			Balance Sheet Period End Rates		
	Average Rates					
	0044	0040		2211	0010	
	2011	2010	Change	2011	2010	Change
£: US Dollar	1.60	1.55	-3.1%	1.55	1.57	+1.3%
£ : Euro	1.15	1.16	+0.9%	1.20	1.17	-2.5%
£ : Rand	11.56	11.32	-2.1%	12.55	10.36	-17.5%
Euro : Rand	10.05	9.76	-2.9%	10.46	8.85	-15.4%

Using 2011 average rates would have decreased 2010 sales by £10.7m Using 2011 average rates would have decreased 2010 operating profits by £1.8m Period end rates increased reported debt by £1.3m compared to Dec 2010

Estimated that 10 cents movement in £:\$ exchange rate affects sales by £26m, operating profit by £4m, profit before tax by £3m and net debt by £7m.



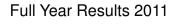


#### **DIVISION RESULTS – AS REPORTED**

£m	Turnover			Adj O <sub>l</sub>	Adj Operating Profit (1)			Margin on Sales		
	2011	2010	Currency Impact <sup>(2)</sup>	2011	2010	Currency Impact <sup>(2)</sup>	2011	2010		
Aerospace	382.6	333.8	(8.1)	59.6	50.0	(1.3)	15.6%	15.0%		
Flexonics	258.5	233.5	(2.6)	36.0	31.6	(0.5)	13.9%	13.5%		
Inter-Segment sales	(0.4)	(0.4)	-	-	-	-	-	-		
Central costs	- -	<u>-</u>	-	(7.3)	(6.2)	- -	-	<u>-</u>		
Continuing Ops	640.7	566.9	(10.7)	88.3	75.4	(1.8)	13.8%	13.3%		

<sup>(1)</sup> Before loss on disposal of fixed assets of £0.3m (2010: £0.2m profit), acquisition costs of £0.6m (2010: £0.1m), amortisation of intangible assets arising on acquisitions of £4.4m (2010: £4.6m), and goodwill impairment charge of £nil (2010: £8.7m).





<sup>(2)</sup> Currency impact is the effect on the 2010 reported figures when retranslated at 2011 YTD average exchange rates.

#### GEOGRAPHIC RESULTS – AS REPORTED

£m	Turnover by Origin		 Adj Operating Profit (1)			Margin on Sales		
	2011	2010	Currency Impact <sup>(2)</sup>	2011	2010	Currency Impact <sup>(2)</sup>	2011	2010
North America	425.3	375.9	(11.3)	65.9	56.8	(1.8)	15.5%	15.1%
Rest of Europe	100.6	95.3	1.1	6.1	4.5	0.1	6.1%	4.7%
United Kingdom	71.7	57.0	-	12.0	9.2	-	16.7%	16.1%
Rest of World	47.4	43.0	(0.6)	11.6	11.1	(0.1)	24.5%	25.8%
Inter-Segment sales	(4.3)	(4.3)	0.1	-	-	-	-	-
Central costs		<u> </u>		(7.3)	(6.2)	<u> </u>		<u>-</u>

Continuing lass on disposal of fixed assets of £0.3m (2919) £0.2m profit), agguisition costs of £0.6m (2010) £0.1m), amortisation of intangible assets arising on acquisitions of £4.4m (2010) £4.6m), and goodwill impairment charge of £nil (2010) £8.7m).

<sup>&</sup>lt;sup>(2)</sup> Currency impact is the effect on the 2010 reported figures when retranslated at 2011 YTD average exchange rates.





#### **DIVISION RESULTS – HALF YEARLY**

	Turnover			Adjusted Operating Profit				
	H2 2011	H1 2011	H2 2010	H1 2010	H2 2011	H1 2011	H2 2010	H1 2010
Aerospace	194.7	187.9	163.9	169.9	30.0	29.6	24.7	25.3
Flexonics	130.7	127.8	115.5	118.0	19.0	17.0	16.4	15.2
Inter-segment sales	(0.3)	(0.1)	(0.2)	(0.2)	-	-	-	-
Central costs	-	-	-	-	(3.7)	(3.6)	(3.4)	(2.8)
Continuing operations	325.1	315.6	279.2	287.7	45.3	43.0	37.7	37.7
Interest - borrowings and - retirement ben					(4.1) (1.2)	(3.8) (1.2)	(3.8) (1.1)	(4.1) (1.1)
Tax					(9.6)	(9.9)	(8.5)	(8.8)
Adjusted profit for the po	eriod <sup>(1)</sup>				30.4	28.1	24.3	23.7
Adjusted earnings per sl	hare <sup>(1)</sup>				7.55p	7.00p	6.07p	5.94p





<sup>(1)</sup> Before loss on disposal of fixed assets (H2 2011 £0.3m; H2 2010 £0.2m profit; Others £nil), acquisition costs (H2 2011 £0.5m; H1 2011 £0.1m; H2 2010 £0.1m; Others £nil), amortisation of intangible assets arising on acquisitions (H2 2011 £2.1m; H1 2011 £2.3m; H2 2010 £2.3m; H1 2010 £2.3m) and goodwill impairment charge (H2 2010 £8.7m; Others £nil).

#### **AEROSPACE – WESTON GROUP ACQUISITION**

Weston Group, comprising Weston EU Ltd (based in the UK) and Weston SEA Ltd (based in Thailand), is a manufacturer of precision machined parts and assemblies for the commercial aerospace industry supplying components for aircraft structures, interiors and for gas turbine engines.

Airbus platforms

#### **Example products**



Airbus structural components



Aerofoil for gas turbine engine

Aerospace



Aircraft structures assembly kit



Premium seat chassis assembly

Full Year Results 2011 Page 32/1 (over 70% of sales in 2011)

Aircraft platform	Ave shipset value* \$'000	2011 Deliveries
A320 family	54	421
A330	206	87
A350	30	0
A380	164	26

<sup>\*</sup> assumes exchange rate of £1:\$1.60

#### **Customers:**

Spirit AeroSystems, Rolls-Royce, Contour Aerospace (Zodiac)



#### **AEROSPACE – WESTON GROUP ACQUISITION continued**

- ⇒ Owner managed business, UK and Thailand locations
- ⇒ Total 160,000 sq ft of manufacturing and office space. 460 employees
- ⇒ Markets: over 90% commercial aerospace
- ⇒ Airbus platforms represented over 70% of sales in 2011
- ⇒ Content on A320 family, A330, A350, A380 all growing programmes
- ⇒ Predictable sales from long-term scheduled orders
- ⇒ Tangible growth opportunities from existing customer base
- ⇒ 2010 performance: Revenue £42.5m; EBITDA £4.2m
- ⇒ 2011 performance: Revenue £54.5m; EBITDA £5.2m
- ⇒ Consideration: £53.0m in cash for 100% of business (debt free)
- ⇒ Excellent strategic fit with Senior's Aerospace Structures Division
- ⇒ Experienced existing management team will continue to run the business





#### **AEROSPACE – WESTON GROUP ACQUISITION continued**

#### **UK** based operations



- ⇒ 100,000 sq ft of manufacturing and office space over three main sites
- ⇒ Senior to invest in new Structures facility for consolidation of existing operations
- ⇒ Hard and soft metal structural components machining for Spirit
- ⇒ Aerofoil machining for Rolls-Royce
- ⇒ 310 total employees
- ⇒ Group CEO and principal family shareholder, Richard Sutton, joined business in 1978 and will continue to run the Weston Group
- ⇒ UK MD, Bob Brownridge, retains responsibility for all Weston Group commercial activities – over 30 years aerospace industry experience





#### **AEROSPACE – WESTON GROUP ACQUISITION continued**

#### Thailand based operations





- ⇒ Founded in 2005
- ⇒ Two adjacent 30,000 sq ft facilities in Chonburi, approx. one hour's drive from Bangkok international airport
- ⇒ 150 total employees
- ⇒ Located close to Thailand's main sea port, Sriracha
- ⇒ Aerofoil manufacture for Rolls-Royce
- ⇒ Premium seat component and assembly manufacture for Contour
- ⇒ High quality and well educated workforce
- ⇒ Excellent operations with AS9100/ ISO9001 and NADCAP approvals
- ⇒ Significant growth potential





#### **AEROSPACE – DAMAR ACQUISITION**

Damar (located in Washington State, USA) is a manufacturer and integrator of precision machined parts and assemblies for the commercial aerospace industry. It specialises principally in air beams, wing skins, stow bin parts, interior decorative assemblies, panels and bulkhead components in aluminium, titanium, stainless steel and high heat-treated steels.

#### Example products



Aircraft interior structural stiffeners



Landing gear subassembly



Light aircraft wing assembly



767 door handle assembly



Aircraft interiors assemblies



737 Air Beam **Outlet Kits** 

#### **Boeing platforms**

(over 80% of sales in 2011)

	Ave'	
Aircraft	shipset	2011
platform	value \$k	Deliveries
737	26	372
747	56	9
767	47	20
777	15	73
787	129	3

<u>2011</u>	<b>Performance</b>

Revenue	£15.6m
EBITDA	£1.1m
EBIT	£0.4m

160 Employees

#### Consideration

\$25.3m in cash for 100% of business (debt free)



Full Year Results 2011 Page 33



## FREE CASH FLOW

	2011 £m	2010 £m
Operating profit	83.0	62.2
Depreciation Amortisation of intangible assets Charge for share-based plans Loss/(profit) on disposal of fixed assets Goodwill impairment Pension payments above service cost Additional discretionary pension payments Working capital (page 11) Currency movements	18.0 5.0 2.5 0.3 - (7.8) - (4.6) (0.1)	19.4 5.2 1.4 (0.2) 8.7 (5.8) (6.0) 2.5 (0.3)
Cash generated from operations	96.3	87.1
Interest paid (net) Tax paid Capital expenditure (page 35) Sale of fixed assets	(8.2) (10.7) (22.1) 0.3	(7.6) (8.6) (14.2) 2.1
Free cash flow	55.6	58.8





## **GROSS CAPITAL EXPENDITURE**

	20	11	2010			
	Capex Depn (1)		Capex	Depn (1)		
	£m	£m	£m	£m		
Aerospace	14.1	11.5	8.9	11.5		
Flexonics	7.6	7.0	5.2	8.4		
Holding Companies	0.4	0.1	0.1	0.1		
Total	22.1	18.6	14.2	20.0		





<sup>(1)</sup> Depreciation excludes amortisation of intangible assets arising on acquisitions of £4.4m (2010: £4.6m) but includes amortisation of computer software of £0.6m (2010: £0.6m).

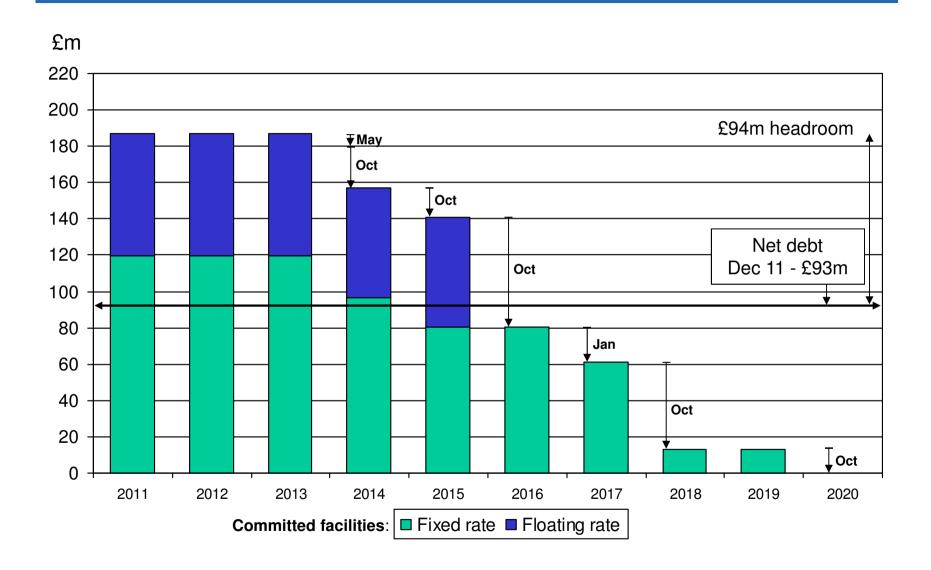
## **USAGE OF CREDIT FACILITIES – December 2011**

#### Headroom of £94m on committed facilities

Hoodroom of CO/Im on	aammittad taallii		_				
Headroom of £94m on		lies		Us	age by (	Curren	су
	<u>Interest</u>	<u>Facility</u>	<u>Usage</u>	<u>£</u>	<u>\$</u>	<u>€</u> C	<u> </u>
	%	£m	£m				
Private placements:							
US \$ 20.0m (Oct 2020)	6.94%	12.9	12.9	-	12.9	-	-
US \$ 75.0m (Oct 2018)	6.84%	48.4	48.4	-	48.4	-	-
US \$ 30.0m (Jan 2017)	5.85%	19.4	19.4	-	19.4	-	-
US \$ 25.0m (Oct 2015)	6.42%	16.1	16.1	-	16.1	-	-
US \$ 35.0m (Oct 2014)	5.93%	22.6_	22.6		22.6	-	-
	6.46%	119.4	119.4	-	119.4	-	-
Bank facilities:							
Revolving credit facility (Oc	t 2016) £60.0m	60.0	-	-	-	-	-
Harris Bank (May 2014) \$1	2.0m	7.6	-	-	-	-	-
Total committed facilities		187.0	119.4	-	119.4	-	-
Overdrafts and bank loans		36.3	0.8	-	-	0.2	0.6
Finance leases		1.6	1.6	0.6	0.5	0.5	_
Other loans		0.5	<del>0.5</del> -		-	0.5	
Owene debt		005.4	100.0	0.0	1100	4.0	0.0
Gross debt		225.4	122.3	0.6	119.9	1.2	0.6
Cash			(29.3)	(7.3)	(14.2)	(1.6)	(6.2)



#### MATURITY PROFILE OF CREDIT FACILITIES







#### **COVENANTS**

	Dec 2011	Dec 2010	Dec 2009
Net Debt	£93.0m	£63.7m	£102.3m
Net interest (1)	£8.0m	£8.0m	£7.2m
EBITDA (1)	£109.8m	£94.0m	£76.0m
Interest cover (to exceed 3.5 times)	13.7 x	11.8 x	10.6 x
Net Debt to EBITDA (not to exceed 3 times)	0.8 x	0.7 x	1.3 x

(1) The Group's results only include Weston, Damar and WahlcoMetroflex from their date of acquisition (end Nov 2011, Mar 2011 and Aug 2010, respectively). Consequently, 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. For covenant purposes for December 2010, net interest and EBITDA include an additional £0.1m and £0.8m respectively in respect of WahlcoMetroflex's results for the 7 months prior to acquisition in 2010.





## **PENSIONS – DEFICIT MOVEMENT**

	2011				2010
	UK Funded £m	USA Funded £m	Various Unfunded £m	Total £m	Total £m
IAS19 Scheme deficit at 31 Dec 2010	(29.8)	(3.3)	(5.1)	(38.2)	(48.1)
Service cost	(1.0)	(0.5)	(0.2)	(1.7)	(1.7)
Total employer cash contributions	8.1	1.2	0.2	9.5	13.4
Interest cost of liabilities	(10.4)	(1.7)	(0.2)	(12.3)	(12.6)
Expected return on assets	8.3	1.6	-	9.9	10.4
Actuarial variations - assets	11.4	2.0	-	13.4	5.8
- liabilities	(11.9)	(3.5)	0.2	(15.2)	(5.4)
Foreign exchange impact	-	-	0.1	0.1	-
IAS19 Scheme deficit at 31 Dec 2011	(25.3)	(4.2)	(5.0)	(34.5)	(38.2)
Discount rate	4.80%		·		5.40%
Salary inflation	2.00% (1)				2.00% (1)
Price inflation	3.00%				3.40% > UK 2010
Expected return on assets	4.00%				5.00%
Life expectancy of male aged 65 in 20 years	22.6yrs				22.5yrs

<sup>(1)</sup> 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)

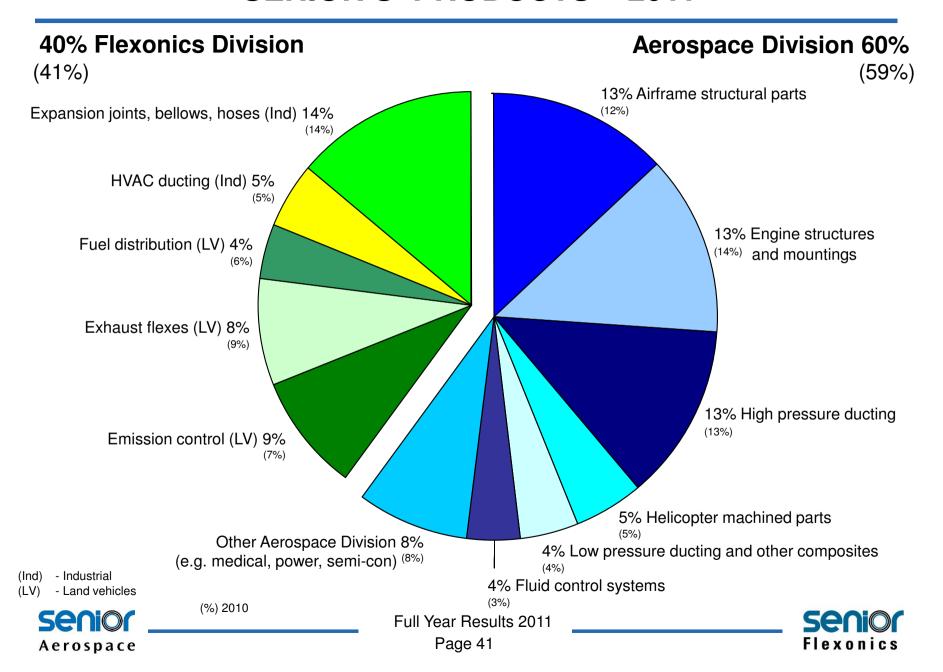
Funding level 75%

IAS 19 Valuations	<b>Dec 2011</b> £m	<b>Dec 2010</b> £m	<b>Dec 2009</b> £m
Scheme Assets			
Equities	52.4	55.3	62.5
Bonds	67.1	57.1	52.1
Gilts	67.9	54.6	33.1
Cash & net current liabilities	(1.1)	(1.0)	1.5
Total	186.3	166.0	149.2
Scheme Liabilities	£211.6m	£195.8m	£188.8m
Scheme deficit	£25.3m	£29.8m	£39.6m
Equity Indices period end	5,572	FTSE 5,900 -5.5%	FTSE 5,413 +9.0%
<u>Cash Flows</u> DB contributions - service cost - other	£1.0m £7.1m £8.1m	£1.0m £10.2m £11.2m	£0.9m £15.4m £16.3m

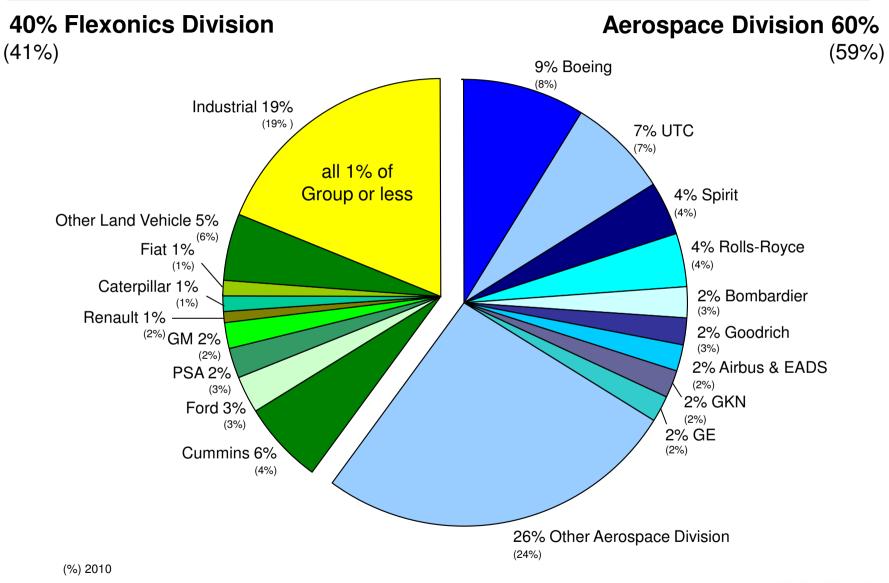




#### **SENIOR'S PRODUCTS – 2011**



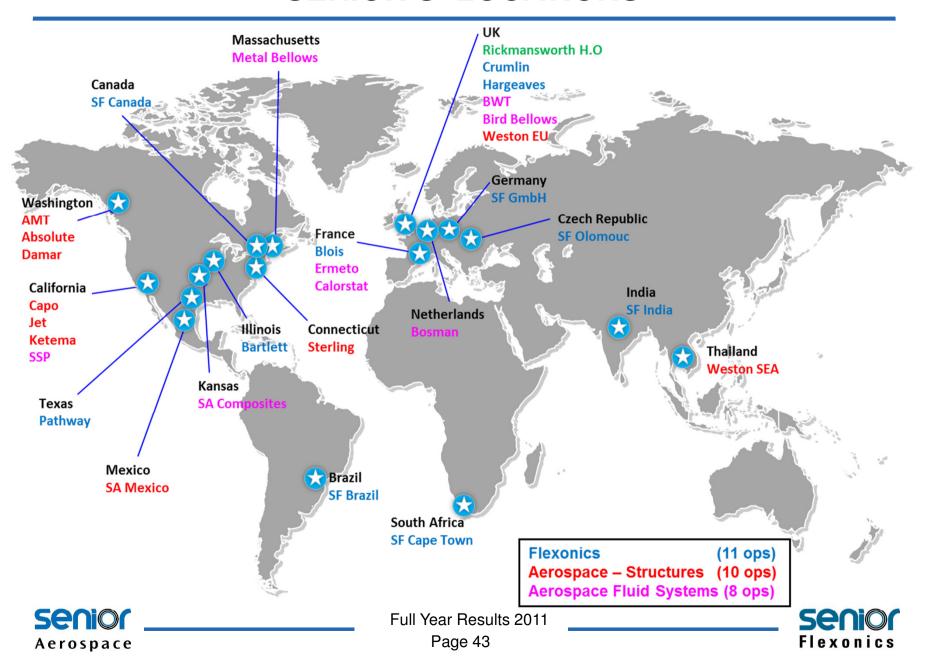
#### SENIOR'S CUSTOMERS - 2011



**Senior** Aerospace

**SENIO** Flexonics

#### SENIOR'S LOCATIONS



## **AEROSPACE – ORDERS AND DELIVERIES**

Large Commercial	Deliveries			Net Orders			Order Book					
Aircraft	2011	2010	2009	2008	2011	2010	2009	2008	Dec 2011	Dec 2010	Dec 2009	Dec 2008
Boeing	477	462	481	375	805	530	142	662	3,771	3,443	3,375	3,714
Airbus	534	510	498	483	1,419	574	271	777	4,437	3,552	3,488	3,715
Total	1,011	972	979	858	2,224	1,104	413	1,439	8,208	6,995	6,863	7,429

	Deliveries				Net O	rders		Order Book				
Regional Jets	2011	2010	2009	2008	2011	2010	2009	2008	Dec 2011	Dec 2010	Dec 2009	Dec 2008
Bombardier <sup>(1)</sup>	46	34	60	56	41	76	46	52	180	185	143	157
Embraer	105	100	125	166	104	85	(36)	116	249	250	265	426
Total	151	134	185	222	145	161	10	168	429	435	408	583

	Deliveries					
Business Jets	2011	2010	2009	2008		
Total	na	763	870	1,315		
Excl. Q4 Hawker Beechcraft	681	727				

Source: General Aviation Manufacturers Association and Speednews





<sup>(1)</sup> Bombardier figures exclude Q-Series turboprops 2011 deliveries 55 (2010: 49); 2011 net orders 6 (2010: 26)











## **AEROSPACE DIVISION**

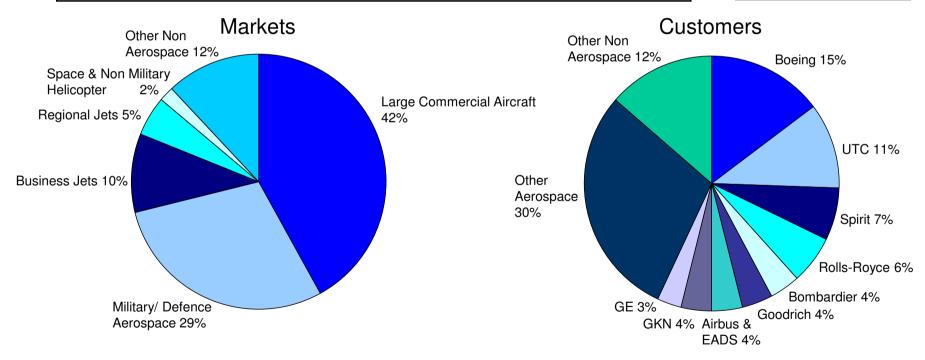




#### **AEROSPACE DIVISION: A SUMMARY**

	2011	2010(2)	Change
Revenue	£382.6m	£325.7m	+17.5%
Adjusted Operating Profit <sup>(1)</sup>	£59.6m	£48.7m	+22.4%
Adjusted Operating Margin <sup>(1)</sup>	15.6%	15.0%	+0.6ppts

18 Operations				
NAFTA	11			
Europe	3			
UK	3			
ROW	1			



(1) Before loss on disposal of fixed assets of £nil (2010: £0.1m), amortisation of intangible assets arising on acquisitions of £4.4m (2010: £4.6m), acquisition costs of £0.6m (2010: £nil) and goodwill impairment charge of £nil (2010: £8.7m).

(2) All at 2011 exchange rates – translation effect only.



Full Year Results 2011



#### **AEROSPACE – OPERATIONS**

**Operation** Location

Senior Aerospace AMT Seattle, USA

Senior Aerospace SSP Los Angeles, USA

Senior Aerospace Jet Products San Diego, USA

Senior Aerospace Metal Bellows Boston, USA

Enfield, CT, USA Senior Aerospace Sterling Machine

Senior Aerospace Ketema San Diego, USA

Senior Aerospace BWT Macclesfield, UK

Senior Aerospace Bird Bellows Congleton, UK

Senior Aerospace Ermeto

Senior Aerospace Capo Industries Chino, CA, USA

Senior Aerospace Damar

Senior Aerospace Absolute Mnfg

Senior Aerospace Composites

Senior Aerospace Calorstat Bellows

Senior Aerospace Mexico

Senior Aerospace Bosman

Senior Aerospace Weston EU

Senior Aerospace Weston SEA

Blois, France

Seattle, USA

Seattle, USA

Wichita, KS, USA

Dourdan, France

Saltillo, Mexico

Rotterdam, Holland

Colne, UK

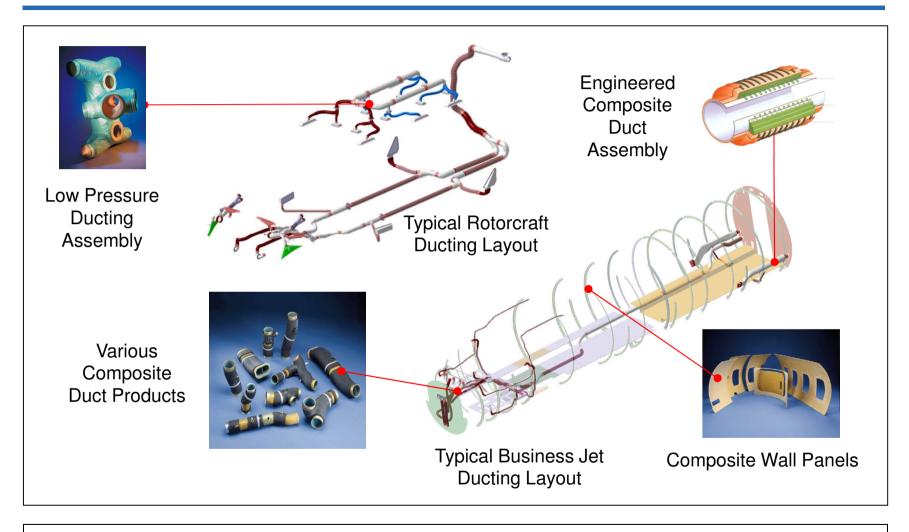
Chonburi, Thailand

2011 Total Gross Sales were £387.3m (2010 £337.5m)





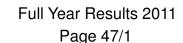
## Fluid Conveyance: Low Pressure Ducting



Main Operations: BWT, Composites

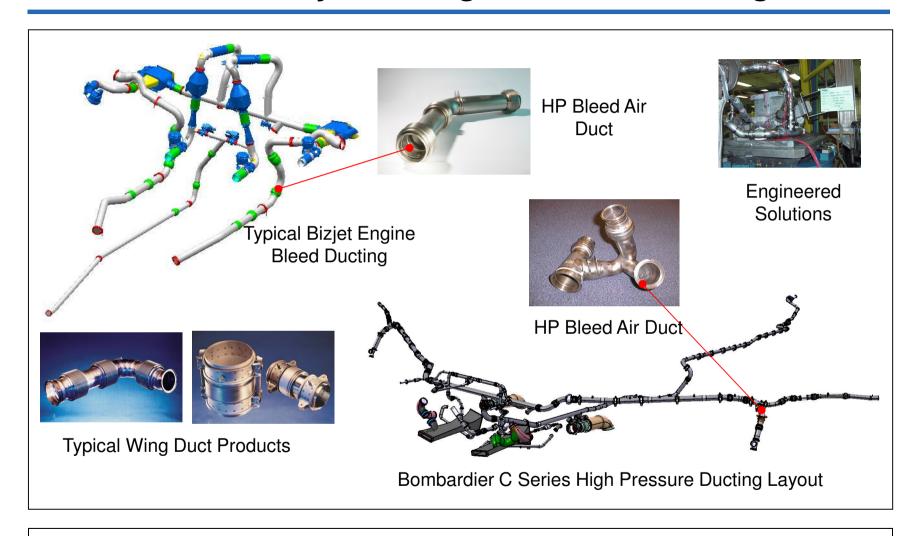
Main Customers: Bombardier, Cessna, Hawker, Mitsubishi, Embraer, Agusta Westland







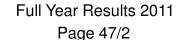
## Fluid Conveyance: High Pressure Ducting



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



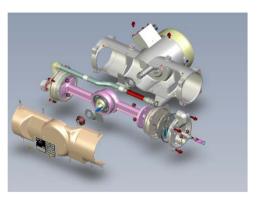
**Control Actuators** 



Pressure/Temp Sensors



Hydraulic Control Manifold

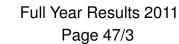


Compressor Assembly

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)



Process Control Valves (Chemical process)





Bellows Assembly (Nuclear industry)

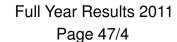


Drug Pump Implant (Medical)

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

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



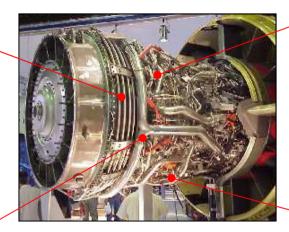




## **Gas Turbine Engines: Fluid Systems**



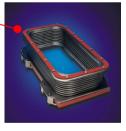
Active Clearance Control System







**Engine Bleed Ducting** 

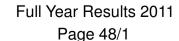


Bellows Face Seal

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

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



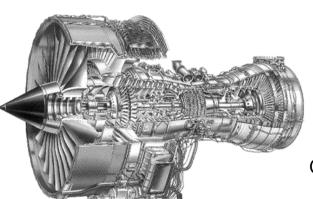




## **Gas Turbine Engine: Engine Components**



TFE 731 Lear Jet/Hawker Front Frame



Typical Gas Turbine Aero-engine

Case (Dassault 7X)



307 Combustion



F-35 Front Strutted Case



Trent 1000 Engine Casing (B787)



Trent 1000 Combustor Case (B787)



Aerofoil for gas turbine engine

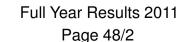


TFE 731 Learjet/Hawker **Bearing Support Housing** 

Main Operations: Ketema, Jet, Capo, Weston

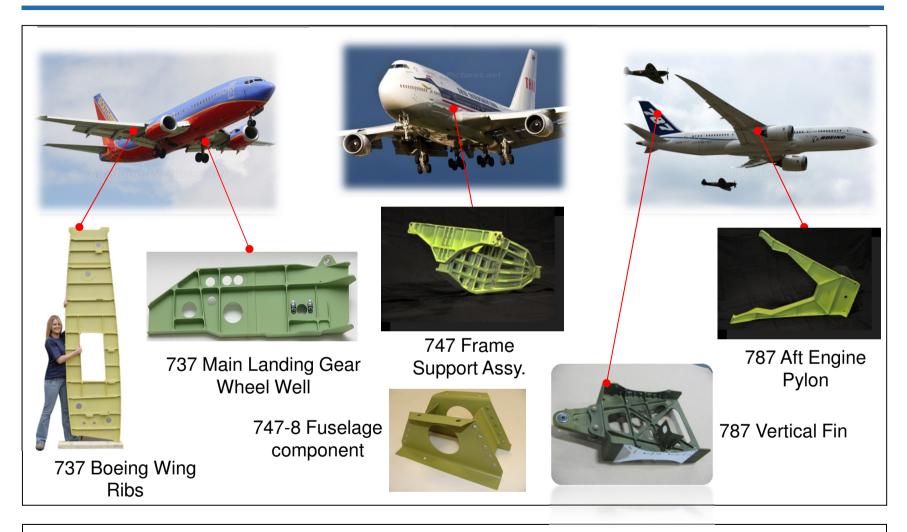
Main Customers: GE, R-R, Honeywell, Goodrich, UTC (P&W)







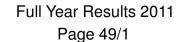
#### **Structures: Airframe**



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

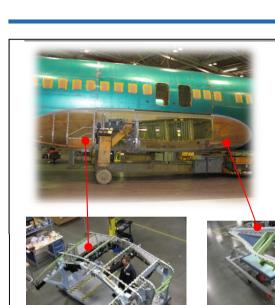
Main Customers: Boeing, Spirit, Goodrich







#### **Structures: Assemblies**



737 Wing to Body Frame (Birdcage)



737 Air Inlet (2ea) Ram Air



767 Engine Pylon



787 Wing to Body Frame

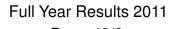


**Premium Seat Chassis** 

Main Operations: AMT, Weston

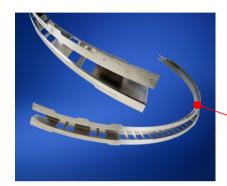
Main Customers: Boeing, Spirit, Contour (Zodiac)







#### **Structures: Nacelles**



777 Load Share Ring



CF34-10 Torque Box Ring, (Embraer 190)



B777 Engine Nacelle Housing



GE 90 Inlet Attach Rings (B777)

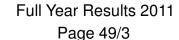


737 Cascade Support Ring

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.



Blackhawk Carrier Assy.



S-92 Carrier Assy.



Guide

Main Operations:

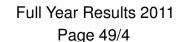
Blackhawk Spindle

Sterling

Main Customers:

Sikorsky, Rolls-Royce

















# FLEXONICS DIVISION

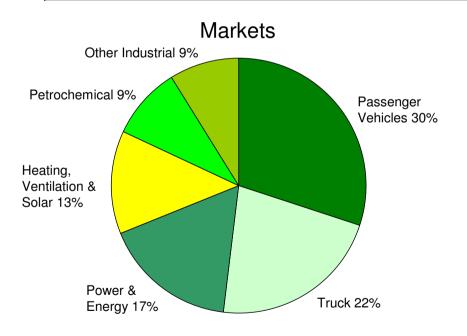


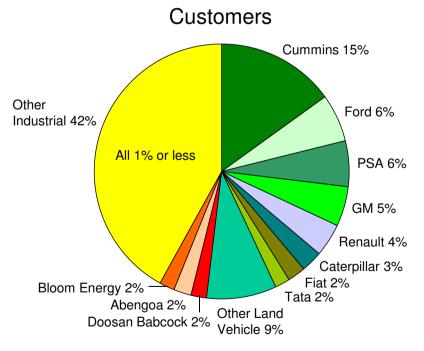


#### **FLEXONICS DIVISION: A SUMMARY**

	2011	2010(2)	Change
Revenue	£258.5m	£230.9m	+12.0%
Adjusted Operating Profit <sup>(1)</sup>	£36.0m	£31.1m	+15.8%
Adjusted Operating Margin <sup>(1)</sup>	13.9%	13.5%	+0.4ppts

11 Operations				
NAFTA 3				
Europe	3			
UK	2			
ROW	3			





- (1) Before loss on disposal of fixed assets of £0.3m (2010: £0.3m profit) and acquisition costs of £nil (2010: £0.1m).
- (2) All at 2011 exchange rates translation effect only.



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#### **FLEXONICS – OPERATIONS**

Operation Location

Senior Flexonics Bartlett Chicago, USA

Senior Flexonics Pathway<sup>(1)</sup> San Antonio & Maine, USA

Senior Flexonics Germany Germany

Senior Flexonics Cape Town South Africa

Senior Flexonics Blois France

Senior Hargreaves Bury, UK

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)

#### 2011 Total Gross Sales were £261.6m (2010 £236.7m)

(1) Pathway includes WahlcoMetroflex which was acquired in August 2010





#### **Land Vehicle Emission Control**



Main Operations: Bartlett, 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

Refineries Steel Mills



Power Generation

Fabric Expansion Joints





Metal Expansion Joints



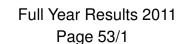


Dampers/Diverters

Main Operations: Pathway, WahlcoMetroflex

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







## **Industrial Process Control (2)**





Flexible Tubes & Hoses



Instrument Control Bellows



**HVAC** Ducting



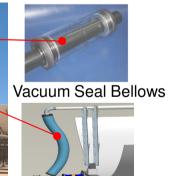
Medical Heat Exchangers



Fuel Cells – Dielectric for fuel delivery



CSP - Solar Troughs

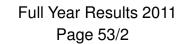


RotationFlex ®

Main Operations: Bartlett, Hargreaves, Canada, Berghofer, Crumlin

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







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