

BAE SYSTEMS

WELCOMES

Safety Groups UK

PROMOTING SAFETY & HEALTH NATIONWIDE



Military Air Solutions

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Military Air Solutions - Footprint



- Brough **1**
- Chadderton **2**
- Farnborough **3**
- Filton **4**
- Fort Worth **5**
- Malvern **6**
- Munich **7**
- Preston **8**
- RAF Coningsby **9**
- RAF Cottesmore **10**
- RAF Innsworth **11**
- RAF Kinloss **12**
- RAF Lossiemouth **13**
- RAF Lyneham **14**
- RAF Marham **15**
- RAF Valley **16**
- RAF Waddington **17**
- RAF Wyton **18**
- Samlesbury **19**
- St Athan **20**
- Warton **21**
- Woodford **22**
- Yeovil **23**

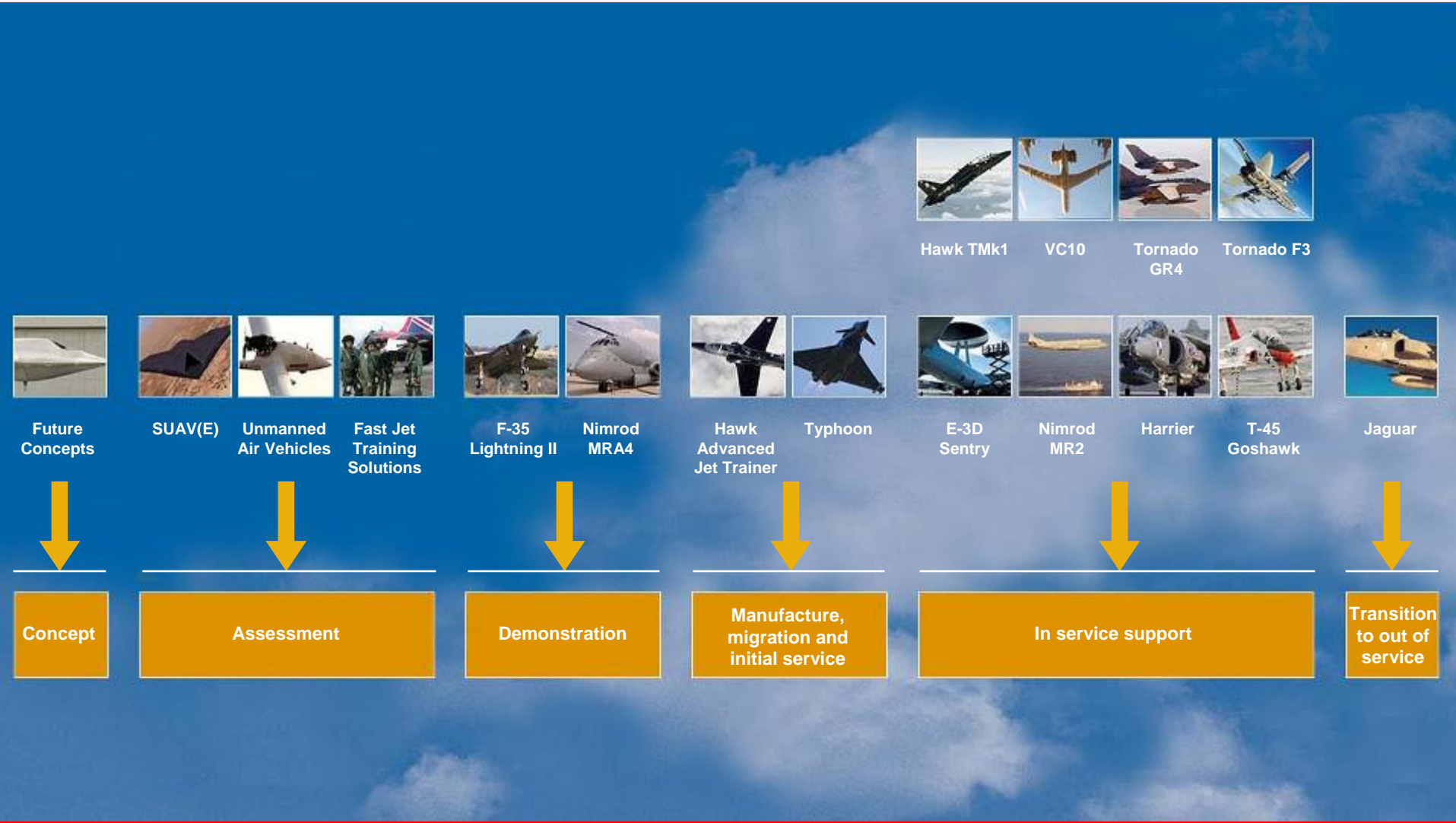


Military Air Solutions – a proven track record

- We have supplied most of the UK's fixed wing fleet.
- We have a track record of partnering with the UK customer to support in-service aircraft.
- We have a long established relationship with many overseas customers.
- We are a prime systems integrator – we underpin the performance and safety of the solutions we provide.
- Proven capabilities in
 - Prime contracting
 - Rapid engineering
 - Systems integration
 - Manufacturing
 - Maintenance repair and upgrade
 - Military training



A Through-Life Portfolio



Autonomous Systems and Future Capability



Autonomous Systems and Future Capability

- Developing new systems, products and concepts with particular emphasis on next generation autonomous unmanned air systems.
- Development programme has resulted in six different vehicles flying in the last three years.
- HERTI is one of a family of fully autonomous unmanned air vehicles.
- HERTI vehicles are low-cost high-endurance providing solutions to a wide-range of operational requirements.
- BAE Systems leading the team undertaking a risk-reduction programme (Taranis) on behalf of the UK MoD Strategic Unmanned Air Vehicle (Experiment).



F-35 Lightning II



F-35 Lightning II

- The world's most advanced combat aircraft and the first and only stealthy supersonic, multi-role fighter.
- Partnered with Lockheed Martin and Northrop Grumman.
- BAE Systems' experience and expertise in military aircraft is key to the development of the airframe, vehicle and mission systems.
- The aft fuselage and the vertical and horizontal tails are designed, manufactured and assembled by BAE Systems.
- The System Development and Demonstration phase is estimated to be worth more than £1.3bn to BAE Systems.
- First flight of the Conventional Take-Off and Landing aircraft took place on 15th December 2006.



Typhoon



Typhoon

- Typhoon is the most advanced swing-role aircraft in service with the Royal Air Force and the air forces of Germany, Italy and Spain.
- Eurofighter GmbH is the consortium set up to manage the development and production of the complete Typhoon weapon system.
- Requirement from the four partner nations for 620 aircraft delivered in 3 tranches.
- Typhoon is the low risk, affordable solution to the demanding needs for the Air Force of the 21st Century.
- Final assembly of all RAF Typhoons takes place at Warton.
- Value of current contract £10.5bn.



Hawk



Hawk Advanced Jet Trainer

- Hawk is the world's most capable, and cost-effective Advanced Jet Trainer.
- The Hawk AJT provides a seamless transition between basic flying training and operational conversion to both current, and projected, front line combat aircraft types.
- Final Assembly of all Hawks takes place at Brough with flight testing taking place at Warton.
- Hawk is a critical part of an integrated training system.
- Value of current contract £1.4bn.

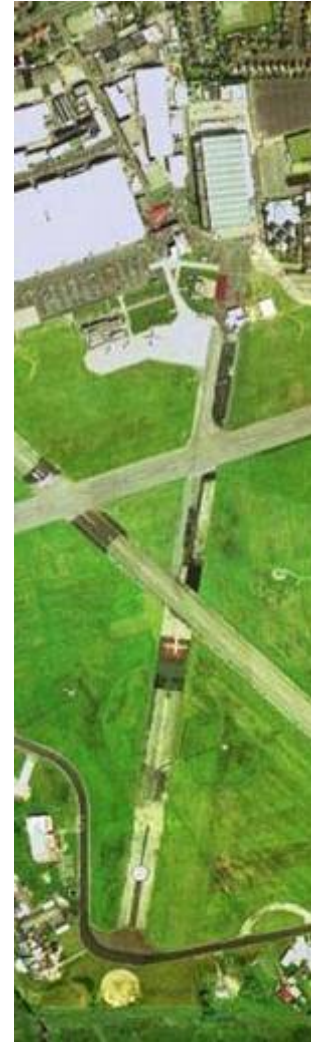


Warton Site Overview



Warton Site Overview

- Approx 7,000 employees on site.
- Site approx 283 hectares with a runway of 2422 metres.
- Principle Projects:
Hawk, Typhoon, Tornado, Harrier, F-35 Lightning II, Nimrod MRA4, Autonomous Systems and Future Capability.
- Specialist Capabilities:
Flight test and development, electronic warfare and wind tunnels, avionic systems engineering, flight simulation, radar cross-section range, engine running hush house, support engineering, training solutions.



Warton Site History

The origins go back to 1939

Originally a satellite airfield for RAF Squires Gate (Blackpool Airport)

Taken over by the USAAF in 1942 as a maintenance & modification centre – know as B.A.D.2



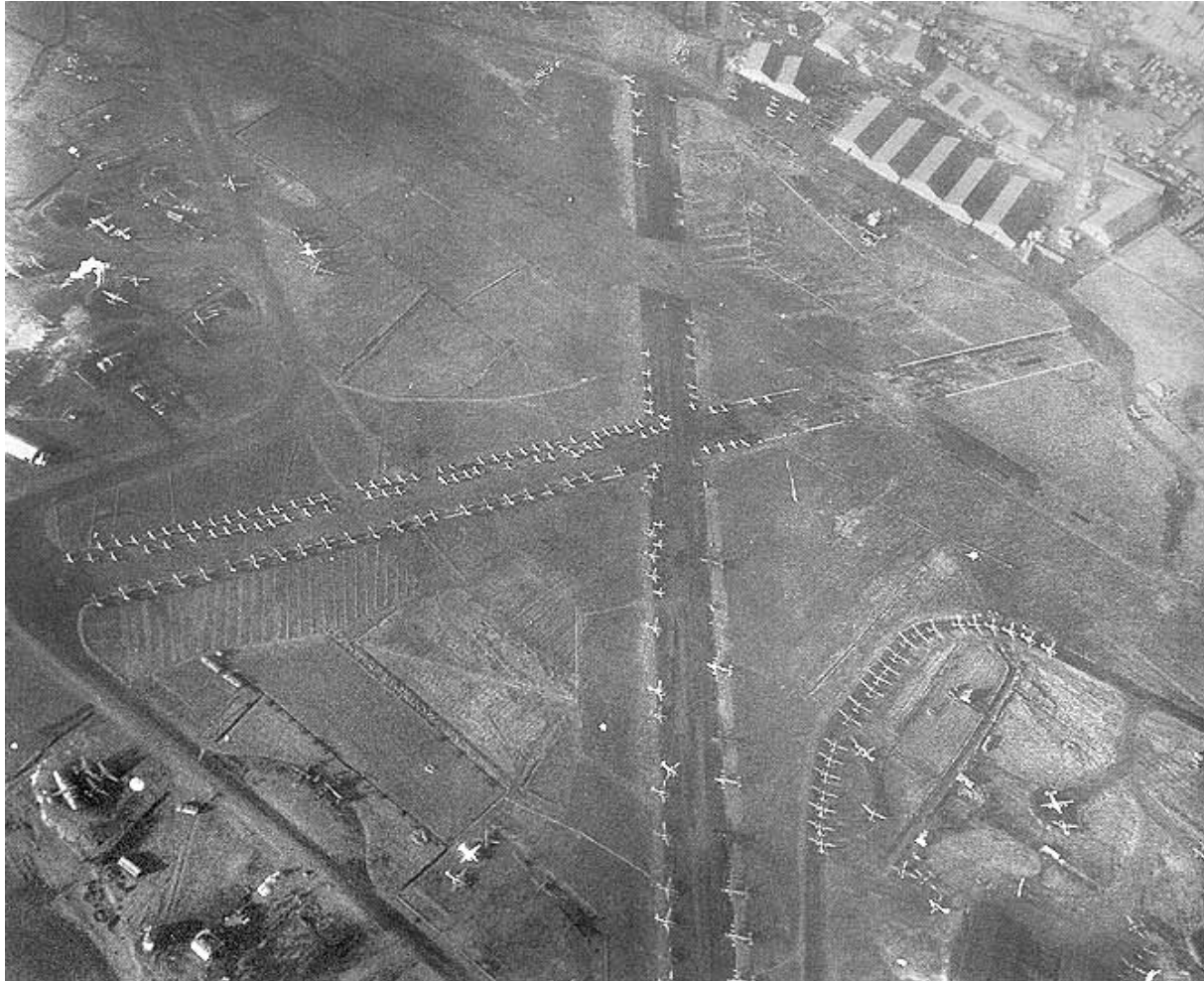
This picture of Warton under construction dates from 1942

Warton Site History



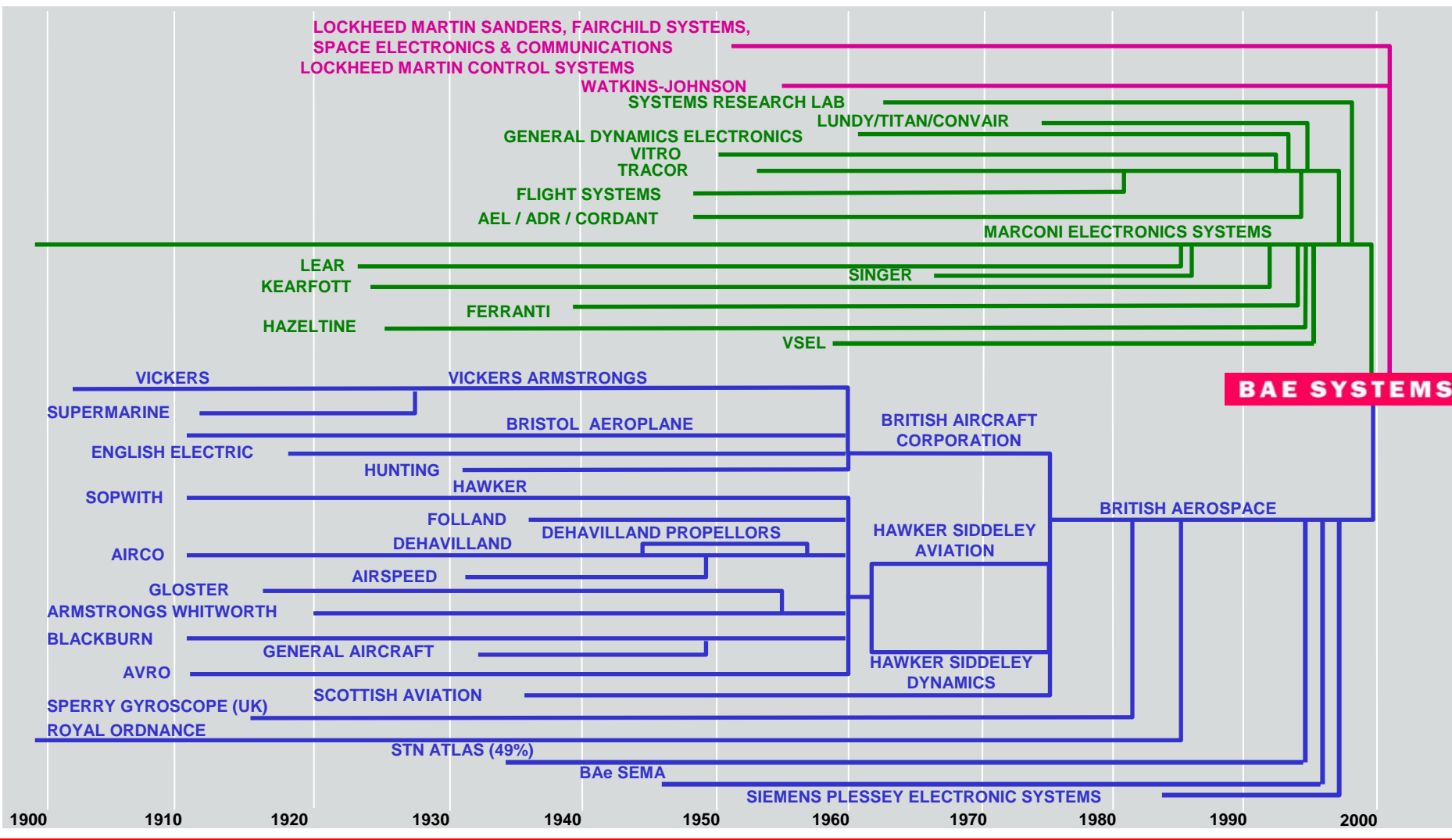
This picture shows newly arrived A-26 Invaders outside the main production hangars

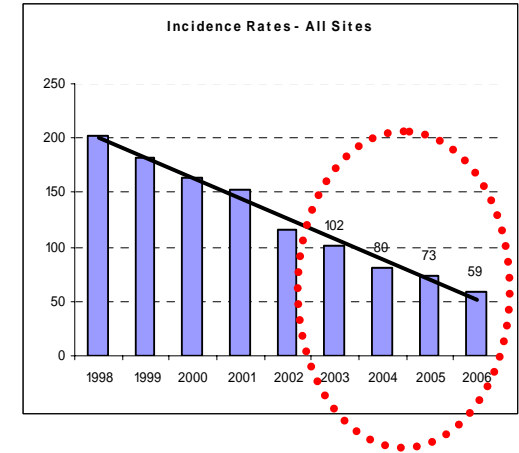
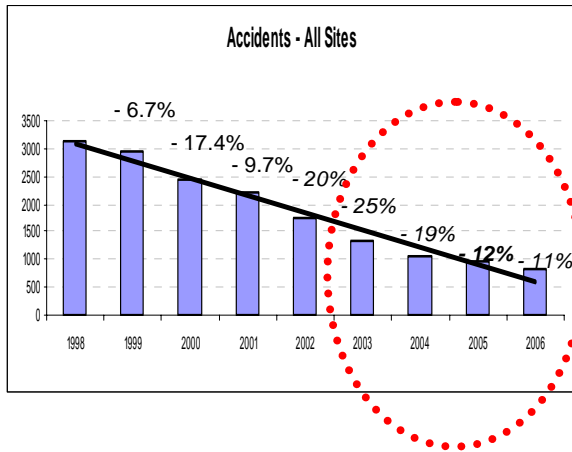
Warton Site History



In this photograph 226 aircraft are visible on the airfield

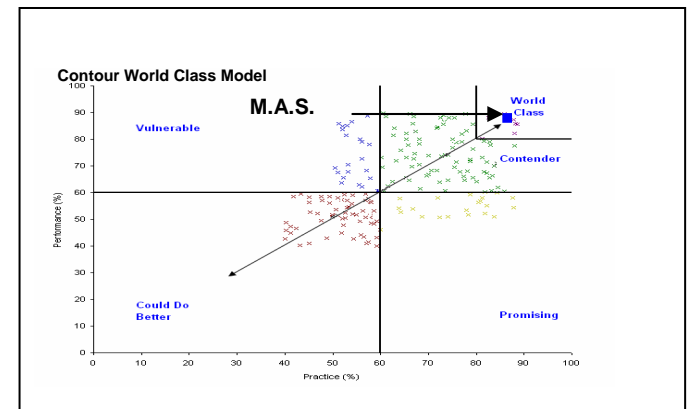
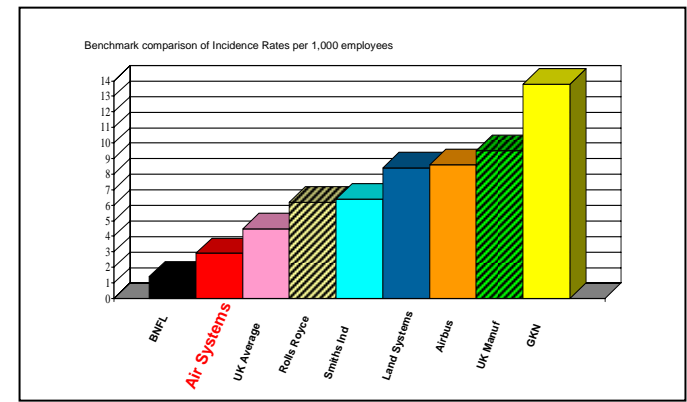
Our Heritage - you've known us for a long time...





- 52% reduction in all Accidents over the last 4 years.
- 49% reduction in Accident Incidence rate per 1,000 employees.
- Energy savings of £1.9 million over last 2 years
- Environmental accreditation to the new ISO 14001 specification.
- Professional Occupational Health teams support rigorous health surveillance screening and rehabilitation programmes.
- Successful Health and Safety Executive LOPP programme, Contractors, Confined Spaces, Hand Arm Vibration, Work at Height, Slips and Trips.
- “Safety first”, SQCDP.

- Common Health and Safety assurance process across M.A.S. OHSAS 18001 Standard.
- Environmental assurance via ISO 14001.
- Common SHE Objectives flowed down through senior management team.
- M.A.S. structure for SHE Management.
- Clear picture of SHE practice and performance across M.A.S. (contour).
- Emergency arrangements in place and regularly tested across M.A.S.
- Professional SHE support on all sites.
- One dedicated team across M.A.S. provides SHE policy, planning and strategy which equates to synergy and prevention of duplication of effort.



Welcome to Warton

- The use of any photographic, video or voice recording equipment (including Camera Phones) on this site is illegal under the Official Secrets Acts 1911 & 1982 without prior authorisation.
- Please do not use your mobile phone in any of the hangars or laboratories and ensure it is **switched off**.

Please do enjoy your visit!

