



# Specialists in Rigid Pipe & Ducting Fabrications for the Aerospace Industry



Nondestructive Testing

**Long Close, Downton, Salisbury, Wiltshire, SP5 3HG**

Tel: +44 (0)1725 513639 Fax: +44 (0)1725 513698 E-mail: [sales@dhap.co.uk](mailto:sales@dhap.co.uk)

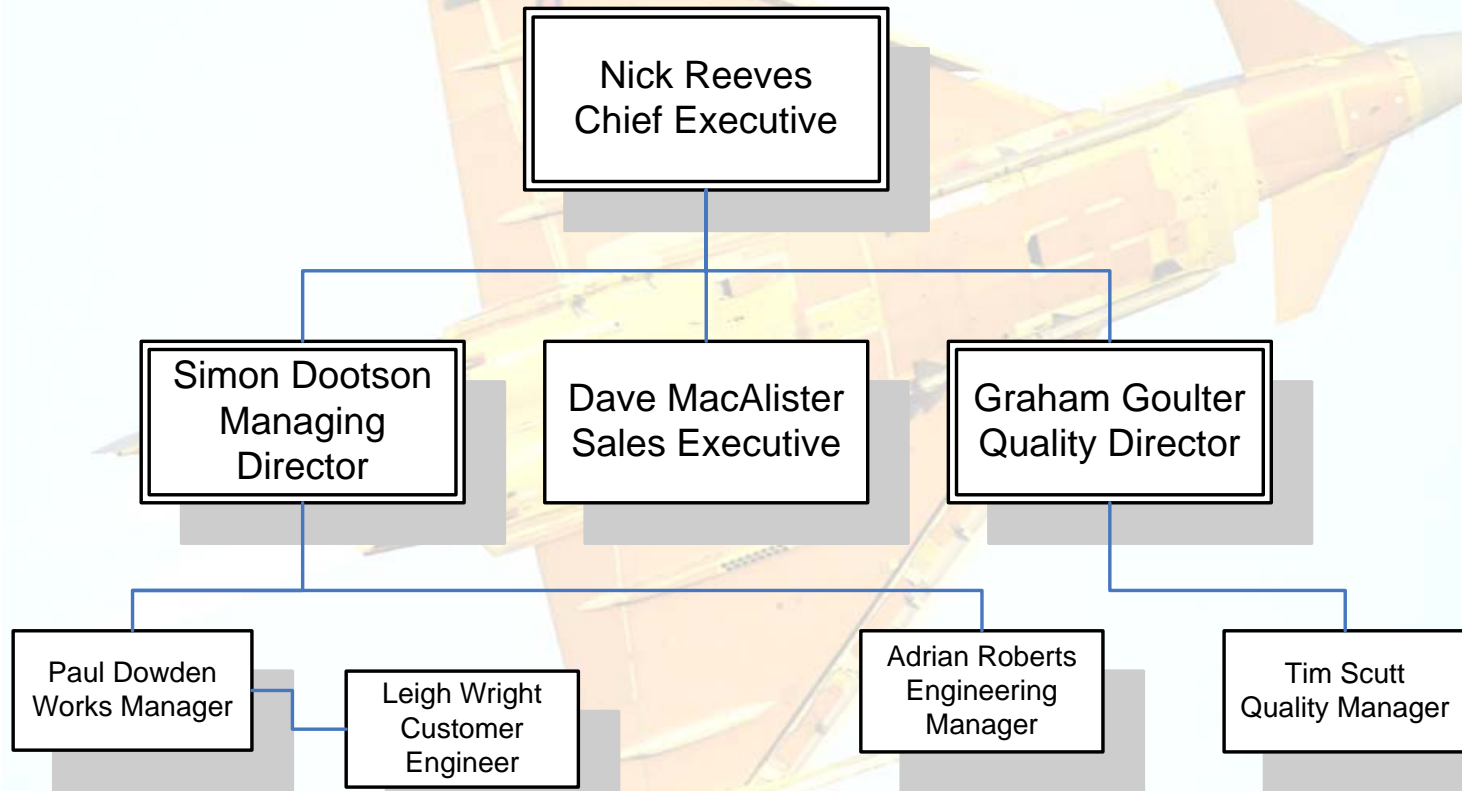
Directors: N Reeves, G Goulter, S Dootson

Registration Number: 3752273

VAT Number: 744 7246 19

Established 1999

# DHAP Organisational Structure



# Personnel

A fighter jet, possibly an F-16, is shown in flight against a blue sky with scattered white clouds. The jet is viewed from a slightly elevated, rear-quarter perspective, showing its wings, tail, and cockpit. The overall image has a soft, semi-transparent appearance, serving as a background for the text.

- Chief Executive, Nick Reeves, has a wealth of experience within the aircraft industry and was a senior executive with British Aerospace.
- Graham Goulter, Engineering / Quality Director, is a former pilot and has been involved with aerospace pipes all his working life.
- Simon Dootson, MD, is a qualified engineer and joined the Company in 2002 from Hampson Industries.
- Versatile workforce, with high levels of Aerospace experience
- Ability to manufacture and fabricate in diameters from 0.032 to 6 inches.
- Auxiliary manufacturing and inspection workforce are extensively trained.

# Market



- **We are major pipe suppliers to:**
  - Airbus UK
  - Agusta Westland
  - Bombardier Aerospace
  - Eaton Aerospace
  - Stork Fokker
  - Meggitt
  - Formula 1 industry
- **Our Aerospace business is widely distributed between**
  - Commercial
  - Military
  - Helicopters

# Customer Approvals

A military helicopter, likely an Apache, is shown in flight over a landscape. The helicopter is the central focus, with its rotor blades blurred due to motion. The background shows a hazy, green landscape with rolling hills and a clear sky. The overall image has a light, semi-transparent overlay.

- Airbus UK
- Agusta Westland Helicopters (Q500 & SQA50)
- Aeromet International
- BAE Systems
- Bombardier Aerospace – Shorts
- Eaton Aerospace
- GKN Aerospace
- HS Marston
- Heath Tecna
- Honeywell Hymatic Engineering Company
- Meggitt
- Raytheon Aircraft Services
- Stork Fokker
- Unison Engine Components
- ISO 9001/2000 (AS9100)
- NADCAP for NDT (PFD & X-Ray)

# Plant, Machinery & Specialist Facilities

## Bending and Associated Equipment

- CNC bending up to 4 inch diameter
- Hydraulic Bending up to 6 inches
- Hot form bending of Titanium
- Hatfield reverse bending machine
- Hypodermic/micro tube forming
- Small press work
- Flaring and beading machines

# Swaging

- Permaswage & Permalite
- Sierracin/Harrison
- Wicksteed swaging (Metric Swage)
- Flexirac (Raflex) swaging
- Pipe and duct end sizing machine
- Wiggins swaging

## Testing and Associated Facilities

- Radiological Examination
- PFD flaw detection (NDT Level 2)
- Co-ordinate measuring machine with dedicated pipe software
- High and low pressure testing, hydraulic to 18,000 psi, air to 200 psi
- Pickling/Passivation facility
- Electro-chemical part marking system
- Computerised ink marking system
- Vapour degreasing with condensed flushing system

# Welding

## TIG

- Titanium (in monitor controlled argon purge chamber)
- Carbon/stainless steel
- Inconel/Nimonic
- Aluminium
- Orbital welding facility

## Gas

- Aluminium
- Aluminium brazing
- Stainless steel brazing
- Soft and silver soldering

An aerial photograph of a fighter jet flying over a patchwork of green and brown agricultural fields. A semi-transparent CAD model of the jet is overlaid on the image, showing the internal structure and various components. The text is positioned on the left side of the image.

## Induction Brazing Facility

- Stainless Steel
- Aluminium

## CAD Facility

- Pro-Engineer
- Catia V5

# Project Management

A military helicopter, likely a Black Hawk, is shown in flight against a bright sky. The helicopter is positioned in the upper half of the frame, with its rotors blurred. Below it, a tropical landscape is visible, featuring palm trees, dense vegetation, and a glimpse of a beach and ocean in the distance. The overall scene is bright and clear.

- Management team are well experienced in turnkey projects
- Line-side feed
- Stage Kitting, including bought out requirements
- Kan-Ban supply facility

# Capacity Planning/Forecast

A large commercial airplane is shown in flight against a blue sky with light, wispy clouds. The plane is viewed from a low angle, showing its wings and tail. The overall scene is bright and clear.

- Forecast capability to identify capacity within specific disciplines & skill types
- Sudden surges in demand are addressed by immediate introduction of overtime and/or shift working

# Product Management

The background of the slide features a composite image of aircraft. On the left, a large white Airbus A380-800 is shown in profile, flying towards the left. On the right, two F-35 fighter jets are shown in formation, flying towards the right. The sky is a clear, light blue.

- Source bought out details from a range of approved suppliers
- On time delivery performance of 98%
- Customer statistical progress updates
- Quality control by internal testing and external when applicable
- Full traceability of jobs via dedicated MRP networked computer system (SubCon 6)