



University of
HUDDERSFIELD
Inspiring tomorrow's professionals

**Pushing Innovation
Pursuing Perfection**



**Institution of
MECHANICAL
ENGINEERS**




easycomposites





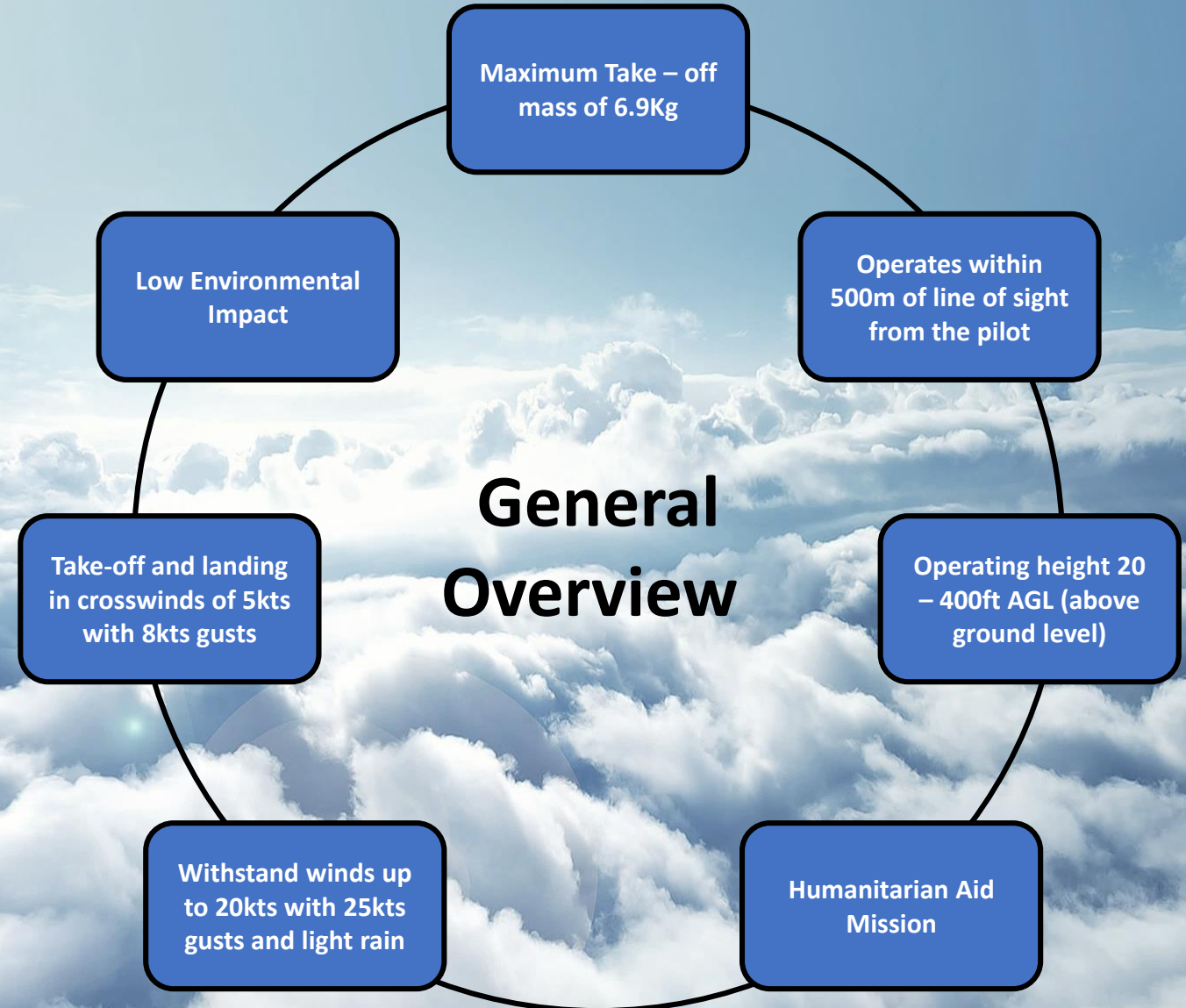
What do we do?

- Each year we compete in the annual IMechE Unmanned Aerial System (UAS) challenge with a team composed of undergraduate and post-graduate students from the University of Huddersfield.
- This year we are submitting two drone teams to compete in the UAS challenge due to the high subscription of engineers interested in the project.
- Each drone team will aim to design, develop, construct and demonstrate an autonomous UAS on the cutting edge of modern technology.
- The challenge is aimed at the humanitarian aid sector focusing on the safe delivery of aid to hard to reach areas after natural disasters.
- The fully autonomous system is required to navigate to waypoints, safely deliver a payload, recognise targets & return to home via a defined route.



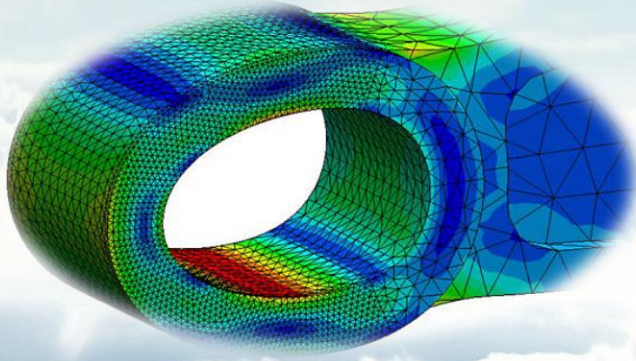
What is the UAS Challenge?

- The UAS Challenge (Unmanned Aerial System Challenge) is a leading annual student competition in the aerospace sector.
- Launched in 2014 with the key objectives of developing professional engineers and inspiring future generation.
- Each annual Challenge cycle kicks-off in October, with a 9-month design and manufacture phase ending with a final fly-off event in June the following year.
- Each team is tasked with a full design and build cycle of a UAS with specific mission objectives based around humanitarian aid.

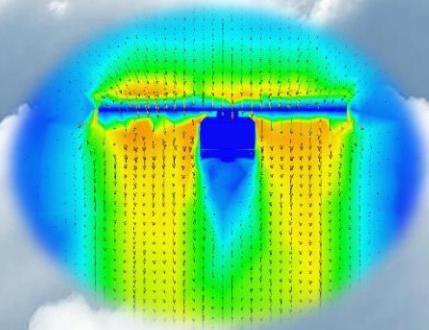


Innovation

Team growth of 50% since the previous year, consequently the extra resources have allowed us to explore two design teams, one developing the original multi-rotor, the other designing our first-fixed wing aircraft.



- Industry standard software, such as Solidworks, utilized throughout the design process.



- Use of the latest CFD analysis techniques to refine designs.

Achievements



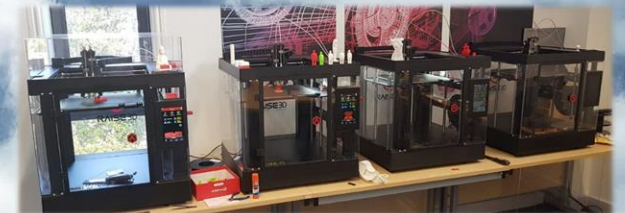
- Innovative manufacturing techniques such as carbon layered 3D printing.

Benefits

Becoming a partner of Team HAWK can provide a range of benefits to you and your company. Your organisation will become a key asset in the development and future direction of the aerospace industry.

Sponsors have the opportunity to meet and work along side an experienced team of young professionals, in doing so you will be also represented in the world's largest aerospace innovations competition.

Being a sponsor in such a prestigious competition can help your business increase brand recognition while beginning or increasing an invaluable relationship with the award-winning University of Huddersfield.



Sponsor Tiers



Platinum £1,000+VAT

- Invitations to meet the team
- Large logo presented on team wear and both competition drones
- Acknowledgment and publicity on our social media
- 5 competition T-shirts
- 3D printed models of both drones



Gold £750+VAT

- Invitation to meet the team
- Large logo presented on team wear and one competition drone
- Acknowledgment and publicity on our social media
- 5 competition T-shirts



Silver £500+VAT

- Invitation to meet the team
- Logo presented on team wear
- Acknowledgment and publicity on our social media
- 3 competition T-shirts



Bronze £250+VAT

- Invitation to meet the team
- Logo presented on team wear
- Acknowledgment and publicity on our social media
- 2 competition T-shirts

We also offer a wide range of alternative sponsorship opportunities including different tiers to best suit your interests. We welcome any sponsorship offers ranging from small donations to large investments, purchasing discounts from your business, specialist machining or your time and knowledge.

Contact Details



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Team HAWK



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