

Inzpire Limited to Work with UK Ministry of Defence to Develop Mixed Reality Simulator Prototype

MONDAY 27 JUNE 2022: Inzpire Limited has signed a contract with the UK Ministry of Defence's (MOD) Defence and Security Accelerator (DASA) to develop a prototype mixed reality deployable simulator.

Over the next 9 months, the project - named SAGE (Synthetic Aviation Gunnery Equipment) by the company - will see Inzpire personnel working collaboratively with 22 Squadron Crew Served Weapons Instructors (CSWIs) and DASA personnel to deliver an air door gunnery simulator.

Project SAGE will encompass the design, build, test, evaluation and development of the prototype, in order to support 22 Sqn's requirement for a live training alternative to deliver Joint Helicopter Command's (JHC) Operational Shooting Policy (OSP).

In a truly collaborative project, Inzpire's experts will be designing the simulator to support specific training objectives defined by 22 Squadron CSWIs.

To ensure the project is supported by personnel with both practical and technical experience in the design, development and delivery of synthetic training products and exercise scenarios, experts from Inzpire's Mission Training Devices Division and Helicopter Services Division will be involved.

Royal Air Force personnel from 22 Squadron will also provide advice and support throughout the test and evaluation phases and be directly involved in trialing the product.

The Project SAGE team will undertake an initial design period, followed by a build, test and acceptance phase before a series of tests, demonstrations and system development. Each phase will last approximately three months.

The Project SAGE simulator will demonstrate how commercial mixed reality technology can be used to deliver a deployable and cost-effective system, capable of rapid modification between different helicopter platforms and weapon types.

It is hoped the simulator development will identify opportunities for utilising synthetic training in the future for JHC personnel across multiple platforms and weapons systems.

Steven Pook, Head of Mission Training Devices Division at Inzpire said: *"Project SAGE provides a superb opportunity to work collaboratively with our DASA and JHC partners in exploring innovative solutions to support operational training in synthetic environments."*

Inzpire personnel will bring their wealth of technical and operational experience to explore the potential of mixed reality technology and innovative weapons simulation to deliver deployable currency and competency synthetic training to JHC crews wherever they may be."

Jonny Priest, Inzpire Director of Operations, said: *"Inzpire has always been committed to a development concept that sees products and services designed by users for users. This contract is another fantastic opportunity to work with the customer to create a revolutionary way of conducting this essential training at their base or on deployed operations."*

An RAF spokesperson said: *“The award of this contract will allow us to develop our aircrew training packages further, ensuring that we remain an efficient and modern Air Force fit for future operational demands across the globe.”*

Inzpire’s Mission Training Devices Division

Inzpire’s Mission Training Devices Division design and deliver targeted fidelity simulator training systems which provide customer-specific yet cost-effective capability for standalone, networked and distributed training across a range of platforms. Products include JTAC and UAS Compact Agile Simulation Equipment (CASE) and the Vortex HeliSim.

In addition to the provision of innovative simulator products, Inzpire’s personnel come with an extensive pedigree in the design and delivery of complex and immersive simulator training and are also qualified in ‘train the trainer’ instruction.

As part of a complete training solution, Inzpire can provides instructors and operators to deliver the required training.

Inzpire’s Helicopter Services Division

Inzpire’s Helicopter Services Division is a training-focused team harnessing the experience of ex-UK military personnel. The division’s experts provide specialist aviation skills and expertise to both UK and overseas military customers within the rotary domain.

These skills range from elementary flying techniques through to advanced tactical skills, working collaboratively with customers to meet their unique requirements. These capabilities are delivered across live and synthetic flying training, on type specific and generic platforms.

In addition, the team also provides capability and requirements management to UK-based rotary customers.

Inzpire Limited

Founded in 2005, Inzpire is a multi-award-winning supplier of advanced defence training, technical services and cutting-edge mission systems. The company is a trusted partner of the UK MOD and employs highly experienced former military personnel who work alongside defence engineers and business professionals to deliver operationally credible solutions to military, private and public sector customers. Find out more at www.inzpire.com.

The Defence and Security Accelerator (DASA)

The Defence and Security Accelerator (DASA) finds and funds exploitable innovation for a safer future. Find out more at: <https://www.gov.uk/government/organisations/defence-and-security-accelerator>

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Inzpire will use their existing simulation and training expertise to develop a prototype mixed reality deployable simulator using capabilities honed from the company's development of their JTAC CASE products (above). Image: Inzpire.



Defence and Security Accelerator

Interview Requests

For media enquiries please contact:
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Inzpire will be exhibiting at the Farnborough International Airshow 2022 and are delighted to invite interview requests before or during the show.

Please contact Gus Haynes at CMS if you wish to speak to any Inzpire personnel on this or any other topic.

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**The Farnborough International
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Please join us on
STAND 1227 IN HALL 1

for a demonstration of our
GECO Mission Systems
and our
Compact Agile Simulation Equipment.

Our experts will be on hand to answer any questions
you may have about our expertise in
**space, intelligence, electronic warfare, cyber,
drones, maritime and collective training.**

The logo for inzpire, featuring the word "inzpire" in a bold, sans-serif font. The "i" and "z" are in orange, while the rest of the letters are in black. A stylized orange and white globe icon is positioned above the "i".

RevolutionInDefence

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