

2Excel Aviation and Israel Aerospace Industries Demonstrated IAI's Maritime Heron UAS to UK Government and Civil Observers

- **The Heron UAS achieved 100% of its planned scenarios, despite the challenging seasonal weather conditions**
- **Following the demonstration, 2Excel and IAI received positive feedback from the UK Civil Aviation Authority**

TEL AVIV: 10 May 2022 – Israel Aerospace Industries (IAI) and 2Excel Aviation successfully completed a demonstration of IAI's Maritime Heron UAS in a series of live, Beyond Visual Line of Sight maritime search and ISR scenarios. The demonstration was based out of West Wales Airport in Aberporth, Wales. Attending the demonstration were in-person and virtual observers from the UK Ministry of Defence, Government and the Civil sector. Following the demonstration, IAI and 2Excel received positive feedback from the UK Civil Aviation Authority.

The Heron UAS was ready to fly within 36 hours of arriving at West Wales and maintained full serviceability throughout the period of the deployment. The Heron UAS achieved 100% of its planned scenarios, despite the challenging seasonal weather conditions. The system demonstrated that it is highly capable in missions including search and rescue, border protection, fisheries patrol, safety at sea, small boat detection and surveillance and other activities.

In-person attendees were able to make requests of the system, which were relayed live to the Ground Control Station (GCS) during the presentation. Rule-based scenarios were also demonstrated via IAI's Starlight data exploitation tool, which received inputs from the Heron UAS' multi-mission radar, EO/IR sensor and AIS. Points of interest were then generated using Starlight's Artificial Intelligence (AI) and data processing engine to produce Actionable Intelligence, Insights and Maritime Awareness. Data gathered was simultaneously broadcast to in-person and virtual attendees using IAI's data dissemination tool (Commander's Remote Imagery Situation Picture – CRISP).

Moshe Levy, IAI Executive Vice President and General Manager of the Military Aircraft Group, said: "The Heron's overwhelming success throughout the demonstration is thanks to effective and efficient cooperation with IAI's world-class partner at 2Excel. This demonstration signifies the growing bond between IAI and the UK industry. The Heron UAS is a cutting edge, world-class system, paired with IAI's supportive data-gathering and analysis technology, which provides the customer with tailored solutions. I am sure this demonstration will lead to future endeavors and hope to see the Heron fly again in U.K. skies soon."

Andy Offer, Co-Founder and Director of 2Excel Aviation, said: "2Excel and IAI together demonstrated they can operate a very capable Medium Altitude Long Endurance (MALE) platform in the UK within the constraints of the current regulatory environment. It is another shining example of us being able to do difficult things well. The feedback from the UK Civil Aviation Authority was very positive and we feel confident about the roadmap for future unmanned operations across our suite of contract air services."

ENDS

Israel Aerospace Industries (IAI) is a world-class aerospace and defense company innovating and delivering state-of-the-art technologies in space, air, land, naval, cyber & homeland security for defense and commercial markets. Combining the "Start-up Nation" spirit of innovation with decades of proven experience, IAI provides customers with tailor-made, cutting-edge solutions to the unique challenges they face including satellites, UAVs, missiles, intelligence solutions, weapon systems, air defense systems, robotic systems, radars, business jets, aerostructures, and more. Established in 1953, IAI is one of Israel's largest technology employers with offices and R&D centers in Israel and abroad. For more information, visit <https://www.iai.co.il/>

2Excel Aviation is an innovative aviation business working across industries from defence and security to engineering, commercial air transport to events and disaster response. Activity is organised around three main lines of business: Capability Development, Special Missions and Charter. 2Excel's customers include Government departments, the defence, national infrastructure, oil industry and airline charter brokers. In 2018, 2Excel became 51 per cent employee-owned through the creation of an Employee Ownership Trust.

Video: https://www.jumbomail.me/j/sK0Y_rvL00SCP8

Pictured: IAI's Maritime Heron UAS in Flight over Wales

Contacts:

Dafna Slyper Ravitz, Head of Media Relations, daravitz@iai.co.il, tel: +972-52-3189797

Adah Forer, IAI International Communications Manager, adahforer@iai.co.il, tel: +972-58-645-5567

Pagefield

Cameron Macindoe

Consultant

020 3327 4066

07877 961 505

Pagefield, Ground Floor, 16 Dufour's Place, London W1F 7SP

Pagefield.co.uk [LinkedIn](#) [Twitter](#)

The information in this e-mail is confidential and may be legally privileged. Any opinions expressed in this e-mail are those of the author and do not necessarily reflect the opinions of Pagefield. If you have received this email in error, please notify us immediately at hello@pagefield.co.uk then delete the email and any attachments from your device.