



## Press Release

# THURAYA SUCCESSFULLY CONDUCTS AERO MOBILITY DEMONSTRATION TO KEY GOVERNMENT CUSTOMERS

- Live airborne streaming on Thuraya Aero highlights the solution's critical effectiveness during ISR missions
- Thuraya's resilient L-band network enables real-time HD video transmission
- By showcasing enhanced Aero capabilities, Thuraya looks to widen the scope of its partnership with the UAE government

**Abu Dhabi, UAE, 13 November 2019:** Thuraya, the mobile satellite services subsidiary of the Al Yah Satellite Communications Company (Yahsat) in partnership with SCOTTY, a developer of beyond line-of-sight (BLOS) satellite communication solutions based in Austria, has successfully conducted a live demonstration of its Aero Mobility capabilities platform - Thuraya Aero, replicating a real-time ISR (Intelligence, Surveillance & Reconnaissance) mission over satellite communications to key government customers.

The technology demonstration highlighted the reliability and effectiveness of Thuraya's Aero solution for various ISR (Intelligence, Surveillance & Reconnaissance) operations associated with border patrol, maritime and environmental protection, in addition to disaster relief missions.

Thuraya's L-band satellite network enabled the real-time transmission of HD aerial video and position data from an inflight fixed-wing Diamond DA62 MPP surveillance aircraft to the mission control centre.

The live surveillance imagery, flight tracking, and duplex data was displayed on the ground using SCOTTY's Mobile HD portable receive station that supports critical applications including live exchange of Intelligence, Surveillance and Reconnaissance (ISR) information, transmission of border/coastal patrol imagery and first-responder support.

Ali Al Hashemi, Thuraya's Chief Executive Officer stated: "By fulfilling the growing requirements for secure, always-on mobile satellite communications on land, at sea and in air, we are looking to expand our strong partnership with the UAE government. Today's successful demonstration is a testament towards Thuraya's capability to providing reliable aero mobility solutions to our global customers."

The Aero service is available within Thuraya's satellite footprint, covering more than 160 countries across the Middle East, Asia, Europe, Africa and Australia regions.

Ideal for low-to-medium level and beyond line-of-sight flights, Thuraya Aero delivers new and exciting capabilities for high-end functions including Search and Rescue (SAR), ISR (Intelligence, Surveillance and Reconnaissance), Passenger and Cockpit communications on fixed-wing and rotary-wing aircraft. Thuraya Aero facilitates steady internet access, voice calls, text



messaging, and real-time, high-speed data applications including video conferencing, tracking, sensor and data collection and transmission. It has built-in video compression capability, handling HD streaming speeds of up to 384 kbps on a single channel.

Yahsat and Thuraya are set to showcase their aero mobility solutions, under the Mubadala pavilion 910 at the upcoming Dubai Air Show, 17-21<sup>st</sup> November.

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#### **About Thuraya Telecommunications**

Thuraya, is the mobile satellite services subsidiary of Yahsat, a leading global satellite operator based in the United Arab Emirates (UAE), fully owned by Mubadala Investment Company. Established in 1997, Thuraya offers innovative communications solutions to a variety of sectors including energy, government, broadcast media, maritime, military, aerospace and humanitarian NGO.

Thuraya's superior network enables clear communications and uninterrupted coverage across two-thirds of the globe by MSS, quasi-global VSAT coverage and around the world through its unique GSM roaming capabilities. The company's diverse range of technologically advanced and dependable mobile satellite handsets and broadband devices provide ease of use, value, quality and efficiency. Through relevant partnerships, Thuraya stays ahead by delivering solutions and supporting applications that meet the rapidly transforming nature of market demands. Thuraya remains committed to keeping everyone within reach in any circumstance by making accessible the essential tools required for vital connectivity. For more information, visit [www.thuraya.com](http://www.thuraya.com).

#### **About SCOTTY**

SCOTTY Group Austria GmbH is a solutions provider and manufacturer of audio, video, and data systems for beyond line-of-sight communication and surveillance applications. SCOTTY equipment is deployed in the field, on wheeled vehicles, ships, and in the air for customers with critical missions, such as multinational corporations, peacekeeping forces, coast guards, and civil protection agencies. SCOTTY, which is EN-9100:2018 and ISO 9001:2015 certified, has its manufacturing and headquarters in Graz, Austria. See [www.scottysgroup.com](http://www.scottysgroup.com) for more.

#### **About Diamond Aircraft**

Diamond Aircraft, headquartered in Austria with production facilities in Canada and China, is among the leading aircraft manufacturers in General Aviation. Founded in 1981, Diamond has pioneered many aviation firsts and achieved numerous milestones and industry expert accolades. Today, Diamond Aircraft has more than 1,000 employees worldwide and offers the most complete range of certified piston aircraft models: from the 2-seat single DA20 to the stunning 7-seat DA62. With its complete line of piston aircraft including a dedicated flight training concept with Single Engine Piston (DA40 NG) and Multi Engine Piston (DA42-VI) trainers,



along with type-specific flight training simulators and proprietary engines, Diamond Aircraft is the only sole source provider in the fleet training market. Diamond Aircraft also made a footprint in the special mission market with the remote sensing turnkey solutions DA42 MPP and DA62 MPP and the soon to be certified aerobatic turboprop tandem trainer series DART. Diamond Aircraft uses proprietary lead-free jet fuel piston engines, made by Austro Engine GmbH (a 100% subsidiary of Diamond Aircraft Austria), for the DA40 NG, DA42-VI and DA62. Every one of Diamond's aircraft shares a common DNA, incorporating leading edge technology, not for the sake of innovation, but for superior performance, efficiency and safety. Over 5,000 Diamond airplanes are flown by private pilots, professional flight training operators and institutions worldwide.

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