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The Vaisala MAWS201M TACMET System is a compact weather station that offers comprehensive support for various field operations.

The British Army's Royal Artillery Acquires Mobile TACMET Systems

The 29th (Commando) Regiment of the British Army's Royal Artillery has a highly mobile Met Section, known as the 'Vaisala Met Section'. Its mobility is thanks to the MARWIN MW12 Upper Air System – now complemented with the MAWS201M TACMET Automatic Weather Station.



Performing an upper-air sounding using the mobile system, with the TACMET Weather Station directly connected to the upper air system.

The system, consisting of a MARWIN MW12 Upper Air System and TACMET Station is vehicle-mounted using two 4WD 'Pinzgauer' vehicles. The Vaisala Met Section is helicopter portable and can also be deployed from the sea by landing craft.

Accurate meteorological data in the field

The main role of the section is to provide accurate meteorological data to the guns in the 29th (Commando) Regiment of the RA. This data is used to enhance the effectiveness, accuracy and safety of artillery fire. The Vaisala Met Section also provides meteorological data to the Regiments' Intelligence Cell, when required. Besides this local role within its own host unit, the Vaisala Met Section can be utilized by other units from within or outside the Brigade to which it belongs.

The new TACMET weather stations are connected directly to the upper air system and greatly reduce the time taken to collect data. The portable MAWS201M TACMET System can be deployed easily and rapidly. Additionally, it also offers broad sensor capability. ■