

# Plug & Fly Direction Finding



## Techtest Plug & Fly Wireless DF System: Revolutionizing Search and Rescue

Experience unparalleled flexibility in Search and Rescue operations with the cutting-edge Techtest Plug & Fly Wireless DF System. Tailored for multirole airframes, this innovative system redefines the SAR landscape.

### Key Features:

#### 1. No Permanent Fixtures:

- Rapidly configure aircraft to meet SAR needs without permanent fixtures.
- Transferable between aircraft, ensuring continuous SAR capabilities during maintenance periods.

#### 2. Cost-Efficient and Lightweight:

- Reduces capital expenditure.
- Lightweight design for enhanced aircraft performance.
- Operational range of 50 Km, ideal for military, para-public, and civil applications.

### **3. All-Weather Performance:**

- Operational to at least -20°C.
- Versatile across diverse environments, meeting the demands of military and civil SAR operations.

### **4. Ruggedized Display Tablet:**

- Compact and portable tablet for easy transferability.
- LED display with touchscreen functionality.
- Displays decoded 406 MHz messages, GPS coordinates, directional headings, and estimated distances to the transmitting beacon or ELT.

### **5. Direction Finding Antenna:**

- Covers frequencies from 110MHz to 410MHz.
- Focuses on 3 SAR distress frequencies: 406 MHz, 243 MHz, and 121.5 MHz.
- Easy installation using Meeker Aviation Airfilm Dovetail Mounts.
- Unique mounting system allows installation or removal in under 5 minutes.
- Provides flexibility in antenna placement on the airframe with Meeker Aviation mounting assemblies and STCs for major platforms.

## **Effortless SAR Operations:**

The Techtest Wireless DF System empowers SAR operations with unmatched adaptability and efficiency. Break free from the limitations of permanent fixtures, and ensure continuous operational readiness in critical scenarios. Elevate your Search and Rescue capabilities with Techtest's state-of-the-art technology.