



# CIVIL AIR PATROL, USA

CASE STUDY



## Customer profile

A US inland search and rescue organization

## Applications

- Customized solution

## Business benefits

- Improved and flexible communications
- Customized radios to meet specific requirements
- Increased selectivity
- Switches between wide and narrowband

## Products used

- Customized Tait conventional mobile radios

## THE CUSTOMER

The Civil Air Patrol (CAP) is the civilian auxiliary of the US Air Force with more than 60,000 volunteer members that train for, and carry out disaster relief, and search and rescue missions throughout the USA.

## THE CHALLENGE

The CAP had very specific performance requirements for its radio communications and chose a modified Tait mobile radio as the narrowband VHF FM radio for use in its nationwide emergency services program.

*"We were looking for best value for money. Tait is the first of a new breed of low-cost solutions becoming available to federal frequency users. These new low-cost radios are the result of a fresh new competitive market we see developing and the results are exciting."*

**Malcolm Kyser**  
Chief of Communications  
CAP



[www.capnhq.gov](http://www.capnhq.gov)

## THE SOLUTION

The modification of a Tait mobile radio provided CAP with the ability to switch each radio from wideband to narrowband. Another key enhancement was to increase the radio's already high selectivity.

The modular design of the mobile radio allows additional functions to be added in the future.

The flexibility and reliability of the Tait mobile radios make Tait an effective long-term alternative for all federal agencies.

## THE OUTCOME

CAP was able to increase selectivity and switch easily from wideband to narrowband. Customization offers improved reliability, providing a flexible solution which conforms to individual system design requirements.

## MORE INFORMATION

For news, product specifications, comprehensive technical information and contact details of your nearest Tait service facility, please visit

[www.taitradio.com](http://www.taitradio.com)

Tait is your complete supplier of radio communications equipment, with mobile, portable and infrastructure solutions. Tait is renowned for its flexibility, responsiveness and commitment to producing innovative world-class mobile radio communications products.

Specifications are subject to change without notice and shall not form part of any contract. They are issued for guidance purposes only. Please note that not all frequency bands and power outputs are available in all markets. For further information please check with your nearest Tait office or authorized dealer.

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