

Rikskriminalpolisen
Utredningsroteln
palmeenheten

1998-10-19

Promemoria avseende teknisk utrustning.

u:

Krkom Stig Edkvist har av Rkc Lars Nylén mottagit en informationsfolder från FBI ,
Technology-Assisted Search Team.

I foldern beskrivs teknisk sökutrustning för såväl land- som vattenbaserade sökförfarande.

Foldern bifogas uppslaget.

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"TAS"



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**TECHNOLOGY-ASSISTED
SEARCH TEAM**

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Ground Penetrating Radar (GPR):

Used to locate buried objects. Various depths of penetration can be achieved by use of different antennas. TAS maintains antennas that range in frequency from 80 MHz to 1.5 Ghz. Depths of penetration range from six inches to 60 feet, subject to soil types and conditions. Depths of objects can be estimated.

Can be used to assist in locating:

- Hazardous waste barrels
- Tunnels
- Weapons
- Anything metallic
- Human remains

Searches for human remains are usually done after cadaver "scent detection dogs" have searched the area .



Fiber and Borescopes:

Optical devices used to provide visual search capability where the structure inhibits access and to prevent an unnecessary destructive search.

Underwater Search Capability:

By the end of 1998 TAS capabilities will have been extended to include searches for evidence located in water.

The following technologies will be available:

- High resolution side scan sonar
- Ground penetrating radar
- Magnetometer
- Underwater video camera



Interpretation of Data

These technologies, the data collected, and the images produced may not, in some cases, graphically represent the objects being sought in realistic terms. It is essential that the data be interpreted by trained and experienced personnel.