

SPIRAL TECHNIQUE EXPLAINED

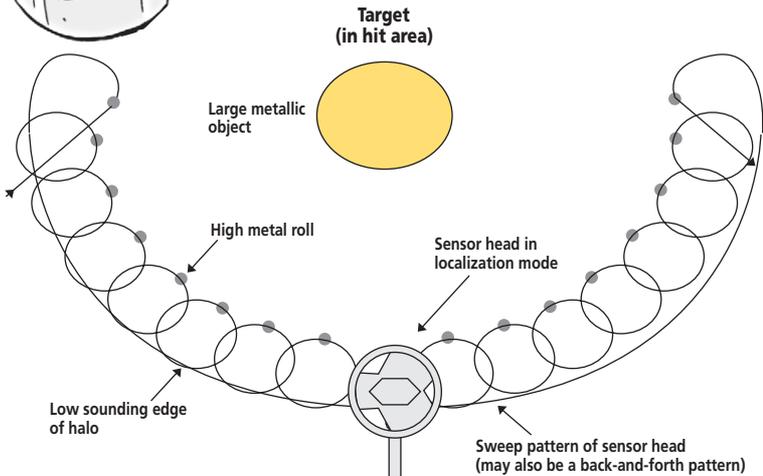


THE ARTICLE IN PS 665 (APR 08) ON THE AN/PSS-14 MINE DETECTOR SHOWED A MISLEADING PICTURE ILLUSTRATING THE SPIRAL TECHNIQUE FOR THE SEARCH HEAD.



THIS IS HOW IT **SHOULD** GO WHEN YOU'RE TRYING TO FIND THE CENTER OF THE MINE...

...IF THE METALLIC SIGNATURE IS AS LARGE OR LARGER THAN THE SEARCH HEAD, THEN YOU NEED TO USE THE SPIRAL TECHNIQUE. IT LOOKS LIKE THIS...



If the metallic signature is smaller than the search head, use the cross technique. For a detailed explanation of how to do both techniques, go to Section 2.9 of TM 5-6665-373-12&P. The TM should be part of the AN/PSS-14's field pack.

And practice. If you don't keep refreshing your memory on how to find mines with the detector, you may not remember how to do it right when you're in a real mine field.

Turn In

The turn-in information has changed slightly since PS 665. The -14s should still be turned in as a supply transaction. Address your label like this:

W90CGG	B16-RESET PROGRAM
Tobyhanna Army Depot	ATTN: (570) 895-6218
Bldg 1C, Bay 6 RECEIVING	DO NOT POST TO RECORD
Tobyhanna, PA 18466	

If you have to use a DODAAC, use W90CGG. Mark the package for B16-RESET PROGRAM.

Provide the transportation control number (TCN) to _____, DSN 992-3885, (732) 532-3885, email: _____@us.army.mil

The TCN is a confirmation that the -14 has been shipped. Also provide the document number for your requisition for a replacement -14.

If you have any questions, contact Villarreal.

If you are in Iraq or Afghanistan, there are now four different locations where you can get immediate replacement of a malfunctioning mine detector:

- Camp Liberty, Baghdad, Iraq- DSN 312-987-2258 (ex 4005)
- Camp Anaconda, Balad, Iraq- DSN 312-992-2607 (ex 6363)
- Warehouse 3, Kabul, Afghanistan- , DSN 318-237-2132 (or 2316)
- Bagram Air Field, Bagram, Afghanistan- , DSN 312-987-2239 (ex 6145)

You can also turn in a broken AN/PSS-14 to Camp Speicher in Tikrit, Iraq. They, however, don't have spares to give you another detector immediately. They will arrange a replacement as soon as possible. The POC there is _____, DSN 312-987-5062 (ex 8410 or 8414).