

CAP Becker SAR DF-517.xls

<b>In Aircraft</b>	<b>Listen on</b>
N638CP	AUX
N158CP	AUX
N832CP	ADF down
All	

<b>Lights</b>
Control lighting of Becker display with rheostat control--left of pilot yoke, bottom right knob.
Control lighting of Becker display with rheostat control--left of pilot yoke, bottom right knob.
Control lighting on Becker by pressing REP and turning upper right "Page" knob.

Turn Becker ON: Press ON-OFF button, and quickly turn upper right "PAGE" knob CCW to select "EMERGENCY" or CW to select "TRAINING."



Select either EMERGENCY (Real ELT) or TRAINING (Practice Beacon, ASOS, etc.)  
 First, using upper right knob CCW, turn to page 1.  
 On page 1, use lower right knob to select one of four frequency ranges to display on page 1.  
 This freq range will be displayed on pages 1, 2 and 3.

This page automatically turns into a page below in either EMERGENCY or TRAINING mode.



**ON PAGES 1, 2, OR 3**

**SQUELCH (SQL) Upper left knob** turn CW to lower "bug" turn CCW to raise "bug"

Adjusts the squelch level, which has to be above the receiving level without signal (noise). If the bearing antenna is situated near strongly disturbing electronic devices, the squelch level has to be raised, thus making the direction finder less sensitive. Squelch must be adjusted so that the floating "bug" is near the top in the black vertical bar. Bug should be filled in when squelch is set properly. If bug is too high, not filled in, ELT "marker" on pages 1 & 2 disappears.



**ON PAGES 1, 2, OR 3**

**SCAN SELECT Lower right knob**

To select	Emergency	Training
Full CCW Sea-Band	156.800	156.800
CW VHF-Band	121.500	121.775
CW UHF-Band	243.000	243.300
CW SARSAT	406.025	406.025
CW	SCAN ALL	SCAN ALL

Aural tone of ELT is available on pages 1, 2, 3, 5, & 6 (no voice on page 4).



We do not use this page.



We do not use this page.

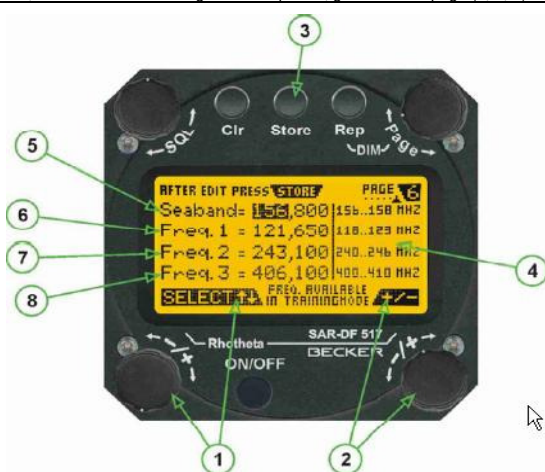
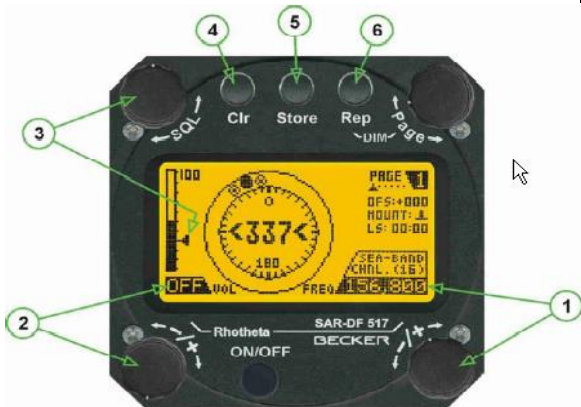


Change Frequency Page 6

	Mhz . Khz
Seaband	158.000
VHF	121.775
UHF	243.300
SarSat	406.025
Sel knob Mhz/Khz	Sel knob Freqs

**TO SELECT A VHF FREQ IN TRAINING MODE--**Turn PAGE knob CW to page 6.  
 Tune any continuous broadcast freq--121.775 (beacon) or ASOS freq--118.525.  
 Turn **lower left knob** CW to place cursor into VHF Mhz field to left of decimal point.  
 Turn **lower right knob** to select Mhz.  
 Press **STORE**; see desired Mhz setting.  
 Turn lower left knob to place cursor into VHF Khz field to right of decimal point.  
 Turn lower right knob to select Khz.  
 Press **STORE**; see desired Khz setting. New freq is set; go to desired page (1, 2, 3).

< 337 > bearing is relative to aircraft heading



Ref: <http://gp5.cawg.cap.gov/BeckerSARDF517Guide.pdf>  
[http://dewg.cap.gov/new-downloads/?type=66&tx\\_vcdarchive%5Bsorting%5D=7](http://dewg.cap.gov/new-downloads/?type=66&tx_vcdarchive%5Bsorting%5D=7)  
<https://ntc.cap.af.mil/ops/es/TrainingMaterials/ACFLTG-11Apr05.pdf> O-2005 Aircrew Guide  
<http://wawg.cap.gov/members/training/Aircrew%20Training/aid/BeckerDFPPT.ppt> <http://www.sdcap.us/>