

ZENITH DISTANCE/VERTICAL ANGLE														
For use of this form, see FM 3-34.331, the proponent agency is TRADOC.														
STATION <u>Lewis (USCGS) 29</u>			DATE (YYYYMMDD) <u>2001 07 14</u>			INSTRUMENT MAN <u>SFC J. Doe</u>		INSTRUMENT <u>Wild T2 #52119</u>						
						RECORDER <u>SPC W. Roe</u>		WEATHER <u>Breezy cool calm</u>						
OBJECT OBSERVED	CHRON TIME			STOP WATCH	TEL D/R	CIRCLE		MICRO			ZEN DIST	REMARKS	LEVELS	
	H	M	S			W	E	1ST	2D	MEAN			W	E
1. <u>Lewis (USCGS) 29</u>	<u>14</u>	<u>25</u>			<u>D</u>	<u>90</u>	<u>04</u>	<u>51</u>	<u>-03.5</u>	<u>=47.5</u>				
					<u>R</u>	<u>269</u>	<u>55</u>	<u>16</u>	<u>-03.5</u>	<u>=12.5</u>		<u>HT = 1.60 m</u>		
					<u>Σ</u>	<u>359</u>	<u>59</u>	<u>67</u>	<u>-07.0</u>	<u>=60.0</u>	<u>90° 04' 47.5"</u>	<u>HT = 1.54 m</u>		
2.	<u>14</u>	<u>30</u>						<u>52</u>	<u>-0.35</u>	<u>=48.5</u>				
								<u>15</u>	<u>-0.35</u>	<u>=11.5</u>				
								<u>67</u>	<u>-07.0</u>	<u>=60.0</u>	<u>90° 04' 48.5"</u>			

HT OBS
1.54 m

HT shown
1.60m

DA FORM 5817, JUL 2001

EDITION OF AUG 1989 IS OBSOLETE.

USAPA V1.00

THIRD-ORDER NOTE KEEPING

This graphic training aid (GTA) show examples of the correct procedures for recording and reducing field notes on Department of the Army (DA) Forms 4253, 5817, and 5820.

The examples include?

- Three-wire leveling.
- Horizontal directions (1.0").
- Zenith distance (1.0").

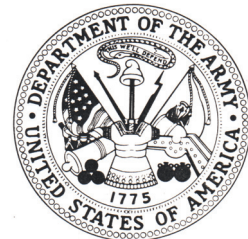
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Headquarters,
Department
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