PROJECT		LOCATION		**AZIMUTH BY DIRECTION METHOD** For use of this form, see FM 3-34.331; the proponent agency is TRADOC.		
ORGANIZATION		MARK		LATITUDE (ø)	LONGITUDE (λ)	STATION
CHRON. NR.	INSTR. (NR.)	LEVEL VALUE (d)	ECC.* (INST.) (SIGNAL)	OBSERVER		G. CIVIL DAY

Date , position				
Chronometer reading				
Chronometer correction				
Sidereal time				
RA (*a*) of (star)				
HA (t) of star (time)				
t of Star (arc)				
Decl. (δ) of star				
Constants for star	Sin ø	Cos ø	Tan δ	Cos ø Tan δ
Sin t				
Cos t				
Sin ø cos t				
Cos ø tan δ− sin ø cos t				
$-\,\text{Tan A} = \dfrac{\sin t}{\cos ø \tan δ- \sin ø \cos t}$				
A (Az. of star from N.) †				
Diff. in time between D. & R.	m. s.	m. s.	m. s.	m. s.
Curvature correction				
Altitude of star (h)	° ′ ″	° ′ ″	° ′ ″	° ′ ″
$\dfrac{d}{4}$ tan h (level factor)				
Inclination				
Level correction				
Circle reading on star				
Corr. reading on star				
Circle reading on Mark				
Diff. (Mark minus star)				
Corr. Az. of star, from N. †				
	180° 00′ 00″.0	180° 00′ 00″.0	180° 00′ 00″.0	180° 00′ 00″.0
Azimuth of (clockwise from south)	° ′ ″	° ′ ″	° ′ ″	° ′ ″

To the mean result from the above computation must be applied corrections for diurnal aberration, elevation of mark, and eccentricity (if any) of station and mark. Carry times and angles to tenths of seconds only.
* Give volume and page of record for eccentricity, if any.   † Minus, if west of north.

COMPUTED BY	DATE *(YYYYMMDD)*	CHECKED BY	DATE *(YYYYMMDD)*

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