

COMPUTATION OF ASTRONOMIC AZIMUTH BY ALTITUDE METHOD (MSR)

COMPUTER	NOTEBOOK REFERENCE	DATE
CHECKER	AREA	SHEET OF SHEETS
INSTRUCTIONS		NOTES: 1. Press ENTER to display the window of legal entries. 2. Enter field data in blocks marked 3. Remove window of legal entries by pressing "ENTER", before pressing "C" to calculate.
1. Select SURVEY CALC (B) from the MODE MENU. 2. Select ALTITUDE METHOD SUN (E) or STAR (F) from the SURVEY CALCULATIONS MENU. 3. Select the desired record from the ALTITUDE METHOD SUN/STAR SUMMARY LIST. 4. Observe the required fields and enter the desired data.		
REQUIRED FIELDS	DATA RECORD	
NAME AZIMUTH MARK: ?	NAME AZ MK:	APPROXIMATE AZIMUTH TO AZIMUTH MARK (MILS)
		STAR POSITION: ? EAST WEST
NAME OBS STATION: ?	NAME OBS STA:	STAR NO/NAME:
ENTER GRID ZONE: ?	GRID ZONE:	4TH/5TH ORDER? 4TH 5TH
		TEMPERATURE:
ENTER LATITUDE: ?	LATITUDE: ° ' " N S	
ENTER LONGITUDE: ?	LONGITUDE: ° ' " E W	
ENTER DECLINATION: ?	DECLINATION: + ° ' " -	
ENTER DAILY CHANGE OF DECLIN: ?	DAILY CHANGE (SECONDS): + (SUN ONLY) -	
ENTER WATCH CORRECTION: ?	WATCH CORRECTION: HOURS MINUTES SECONDS (SUN ONLY) (SLOW) + (FAST) -	
ENTER TIME ZONE CORRECTION: ?	TIME ZONE CORRECTION: + (SUN ONLY) -	W E
DAYLIGHT SAVINGS TIME (Y/N): ?	ENTER Y OR N(SUN ONLY)	
	SET	SET
ENTER MEAN WATCH TIME: ? (SUN ONLY)	HOURS MINUTES SECONDS	HOURS MINUTES SECONDS
ENTER VERT ANGLE TO SUN/STAR: ?	VERT ANGLE (MILS):	VERT ANGLE (MILS):
ENTER REFRACTION: ?	ENTER AS +: MILS	ENTER AS +: MILS
ENTER HORZ ANGLE AZMK TO SUN/STAR: ?	HORZ ANGLE (MILS):	HORZ ANGLE (MILS):
RECORD OBS 1 ASTRO AZ TO AZMK:	ASTRONOMIC AZ (MILS):	REMARKS:
RECORD OBS 2 ASTRO AZ TO AZMK:	ASTRONOMIC AZ (MILS):	
RECORD OBS 3 ASTRO AZ TO AZMK:	ASTRONOMIC AZ (MILS):	
RECORD MEAN ASTRO AZ TO AZMK:	MEAN ASTRONOMIC AZ (MILS):	
RECORD GRID AZ TO AZMK:	GRID AZIMUTH (MILS):	