

## COMPUTATION OF COORDINATES AND HEIGHT BY THREE-POINT RESECTION (MSR)

COMPUTER	NOTEBOOK REFERENCE	DATE
CHECKER	AREA	SHEET OF SHEETS
<b>INSTRUCTIONS</b> 1. Select SURVEY CALC (B) from the MODE MENU. 2. Select RESECTION (D) from the SURVEY CALCULATIONS MENU. 3. Select the desired record from the RESECTION SUMMARY LIST. 4. Observe the required fields and enter the desired data.		<b>NOTES:</b> 1. Press ENTER to display the window of legal entries. 2. Enter field data in blocks marked <input style="width: 50px;" type="text"/> 3. Two resection computations can be recorded on this form. 4. Press ENTER to remove window of legal entries before pressing "C" to calculate. 5. Sums between 2845-3555 provide NO VALID SOLUTION.
<b>REQUIRED FIELDS</b>	<b>DATA RECORD</b>	
ENTER EAST LEFT STA: ?	EASTING OF LEFT:	EASTING OF LEFT:
ENTER NORTH LEFT STA: ?	NORTHING OF LEFT:	NORTHING OF LEFT:
ENTER EAST CENTER STA: ?	EASTING OF CENTER:	EASTING OF CENTER:
ENTER NORTH CENTER STA: ?	NORTHING OF CENTER:	NORTHING OF CENTER:
ENTER HEIGHT CENTER STA: ?	HEIGHT OF CENTER:	HEIGHT OF CENTER:
ENTER EAST RIGHT STA: ?	EASTING OF RIGHT:	EASTING OF RIGHT:
ENTER NORTH RIGHT STA: ?	NORTHING OF RIGHT:	NORTHING OF RIGHT:
NAME OCC STA: ?	NAME OCC STA:	NAME OCC STA:
ENTER HORZ ANGLE LEFT TO CENTER: ?	HORZ ANGLE P1 (MILS): ▶	HORZ ANGLE P1 (MILS): ▶
ENTER HORZ ANGLE CENTER TO RIGHT: ?	HORZ ANGLE P2 (MILS): ▶	HORZ ANGLE P2 (MILS): ▶
ENTER VERT ANGLE OCC STA TO CENTER: ?	VERT ANGLE FROM P TO CENTER: ▶ +	VERT ANGLE FROM P TO CENTER: ▶ +
ENTER TARGET HEIGHT AT CENTER: ?	HEIGHT OF TARGET (METERS):	HEIGHT OF TARGET (METERS):
ENTER INSTRUMENT HEIGHT AT OCC STA: ?	HEIGHT OF INSTRUMENT (METERS):	HEIGHT OF INSTRUMENT (METERS):
SUM OF ANGLES: CHECK SPECIFICATIONS: (NOTE 5)	SUM OF ANGLES:	SUM OF ANGLES:
RECORD EAST OCC STA:	EASTING OF P:	EASTING OF P:
RECORD NORTH OCC STA:	NORTHING OF P:	NORTHING OF P:
RECORD HEIGHT OCC STA:	HEIGHT OF P (METERS):	HEIGHT OF P (METERS):
RECORD AZ FROM OCC STA TO CENTER:	AZ FROM P TO CENTER (MILS):	AZ FROM P TO CENTER (MILS):
REMARKS/SKETCH:		