

Land Navigation Practical

Student Name: _____

Date: _____

Instructor: _____

Grade: _____

M-1950 Lensatic Field Compass Anatomy and Procedures

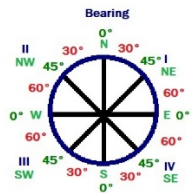
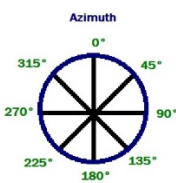
- | | | | |
|----|---|--------|----------|
| 1. | Visually inspects and correctly verbalizes that compass: | | |
| | • Opens freely and is not broken | Yes/No | 2 points |
| | • Cover glass is not cracked | Yes/No | 2 points |
| | • Dial freely moves and does not stick | Yes/No | 2 points |
| | • Bezel freely rotates without sticking | Yes/No | 2 points |
| 2. | Briefly explains the following: | | |
| | • True North | Yes/No | 2 points |
| | • Grid North | Yes/No | 2 points |
| | • Magnetic North | Yes/No | 2 points |
| 3. | Obtains an azimuth by using front site wire, lense and bezel number | Yes/No | 2 points |

Map Identification

- | | | | |
|----|--|--------|----------|
| 1. | Correctly identifies the following: | | |
| | • Map Title, sheet number | Yes/No | 2 points |
| | • Scale | Yes/No | 2 points |
| | • North Demarcation Icons | Yes/No | 2 points |
| | • Legend | Yes/No | 2 points |
| | • Contour lines and meaning | Yes/No | 2 points |
| | • Bonus: Other map features, lakes, roads, rivers... | Yes/No | 2 points |
| 2. | How to use an 8-digit Grid Coordinate | Yes/No | 2 points |

Plot a Course (Hand student description card)

- | | | | |
|----|--|--------|----------|
| 1. | Correctly identifies Start point | | |
| | • 8-digit grid coordinates are _____ | Yes/No | 2 points |
| | • Correctly approximates altitude of location | Yes/No | 2 points |
| | • Correctly identifies map features near location | Yes/No | 2 points |
| 2. | Correctly identifies END point | | |
| | • 8-digit grid coordinates are _____ | Yes/No | 2 points |
| | • Correctly approximates altitude of location | Yes/No | 2 points |
| | • Correctly identifies map features near location | Yes/No | 2 points |
| 3. | Plot course between two points | | |
| | • Correctly approximates the distance | Yes/No | 2 points |
| | • Correctly approximates the Azimuth/Direction of travel | Yes/No | 2 points |
| | • Correctly approximates travel time at 6 km/h | Yes/No | 2 points |
| 4. | Bonus: Convert direction of travel to bearing | Yes/No | 2 points |



Quadrant I: NE, angle from North
 Quadrant II: SE, angle from South
 Quadrant III: SW, angle from South
 Quadrant IV: NW, angle from North

Call for 9 Line at end location (Hand student description card)

- | | | |
|--|--------|----------|
| 1. 8-digit grid coordinates | Yes/No | 2 points |
| 2. Radio frequency | Yes/No | 2 points |
| 3. Number of patients by precedence | Yes/No | 2 points |
| 4. Special equipment needed | Yes/No | 2 points |
| 5. Number of patients by type | Yes/No | 2 points |
| 6. Security at pick up | Yes/No | 2 points |
| 7. Method of marking | Yes/No | 2 points |
| 8. Patient nationality | Yes/No | 2 points |
| 9. NBC concerns or Details at landing site | Yes/No | 2 points |