

SIGHT REDUCTION FORM

CALCULATED ALTITUDE	
AGETON CLASSIC	COMPUTATIONAL METHOD
L _____ A d _____ +A t _____ A^{-1} sin	L _____ sin d _____ * sin _____
L _____ B d _____ +B t _____ +B B^{-1} cos $\rightarrow (1) \pm$ $Hc =$ ° '	L _____ cos d _____ * cos _____ t _____ * cos _____
RULES: (1) + d & L are same name - d & L are contrary	$(1) \pm$ $(2) \pm$ \sin^{-1} _____ → (2) ± $Hc =$ ° '
	$(2) + t \leq 90^\circ$ $- t > 90^\circ$
CALCULATED AZIMUTH	
AGETON CLASSIC	COMPUTATIONAL METHOD
d _____ B t _____ +A Hc _____ -B A^{-1} $Z =$ ° '	d _____ cos t _____ * sin _____ Hc _____ /cos _____ \sin^{-1} _____ $Z =$ ° ' Apply rule for $Zn =$ ° '
RULES FOR Zn Position of you (y) verses body (b):	
b is north and east of y : $Zn = Z$ b is north and west of y : $Zn = 360 - Z$	b is south and east of y : $Zn = 180 - Z$ b is south and west of y : $Zn = 180 + Z$
PRIME VERTICAL	
AGETON CLASSIC	COMPUTATIONAL METHOD
d _____ A L _____ -A A^{-1} $Pv =$ ° '	d _____ sin L _____ /sin _____ \sin^{-1} _____ $Pv =$ ° '
CALCULATED AMPLITUDE	
AGETON CLASSIC	COMPUTATIONAL METHOD
d _____ A L _____ -B A^{-1} $Z =$ ° ' Apply rule for $Zn =$ ° '	d _____ sin L _____ /cos _____ \sin^{-1} _____ $Z =$ ° ' Apply rule for $Zn =$ ° '
RULES FOR Zn Position of you (y) verses body (b):	
b is north and east of y : $Zn = 90 - Z$ b is north and west of y : $Zn = 270 + Z$	b is south and east of y : $Zn = 90 + Z$ b is south and west of y : $Zn = 270 - Z$