# MERIDIAN TRANSIT FORM

Name _____

Squadron _____

## TIME

Date _____

WT _____

WE f- s+ ( ) _____

ZT _____

ZD E- W+ ( ) _____

UT _____

G Day/Mo _____

## ALMANAC --- DEC

Dec ___ hr ____°____.____′ N S

d ( ) ____.____′

d corr ( ) ____.____′

Dec ____°____.____′ N S

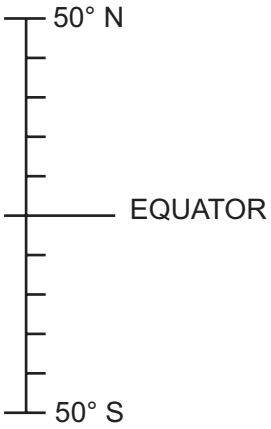
## SIGHT DATA

Sight No. _____

Sun UL LL

DR L ____°____.____′ N S

DR Lo ____°____.____′ E W




## ALTITUDE

Ht of eye ____.____ ft

hs ____°____.____′

| | (+) | ( - ) |
|---|---|---|
| IC | ____.____′ | ____.____′ |
| Dip | | ____.____′ |
| Total | ____.____′ | ____.____′ |
| Corr | ( ) ____.____′ | |

ha ____°____.____′

Main UL - LL + ( ) ____.____′

**Ho** ____°____.____′

## TIME OF TRANSIT

DR GHA 360° - Lo W / Lo E ____°____.____′

GHA Sun _____ hr ____°____.____′

GHA Difference ____°____.____′

Min-Sec: (from I & C pages) m ____ s ____

UT _____

ZD ( ) _____ rev

ZT _____

## LATITUDE BY MERIDIAN TRANSIT

90° = 89 ° 60.0 ′

- Ho ____°____.____′

* Co-Alt = 90° - Ho ____°____.____′ N S

Dec ____°____.____′ N S

** L = Dec + Co-Alt ____°____.____′ N S

DR L ____°____.____′ N S

a ____.____ nm

** Co-Alt name is direction from Sun to DR.*

*** If Co-Alt and Dec opposite names, subtract.*

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Form MT07