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Assumed Longitude

2nd DMS - D.D

= (computed LHA)

STO 3 (LHA stored in 3)

COS

X

RECALL 2 (recalled declination)

COS

X

RECALL 1 (recalled Assumed latitude)

COS

+

RECALL 1 (recalled A. LAT)

SIN

X

RECALL 2 (recalled DEC)

SIN

=

2nd SIN (ARCSIN, computed Hc)

2nd D.D-DMS (changes decimal degree Hc to degree-minute-second so it can be written down)

2nd DMS - D.D (changes it back)

1/x (converts COS Hc to SEC Hc)

RECALL 3 (recalled LHA)

SIN

X

RECALL 2 (recalled DEC)

COS

=

2nd SIN (ARCSIN, computed Z)

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