

Latitude  $34^{\circ} 10' N$   
 Decl.  $21^{\circ} 11' S$

$L + d = \frac{55^{\circ} 21'}{12^{\circ} 59'}$  hav  $.21572$   
 $L - d = \frac{12^{\circ} 59'}$  hav  $+.01278$

$.21572$  contrary name  
~~same name~~

$= .22850$   
 $1.00000$   
 $-.22850$   
 $= .77150$

LHA  $302^{\circ} 43'$

X hav  $.22976$   
 $462900$   
 $540050$   
 $694350$   
 $154300$   
 $154300$   
 $.17725984$

$+.17726$   
 $= .39298$  inv hav  $89^{\circ} 60'$   
 $-7738.4$   
 Hc  $12^{\circ} 21' 6''$

$12^{\circ} 21' 34.5''$

$12^{\circ} 21' 58''$