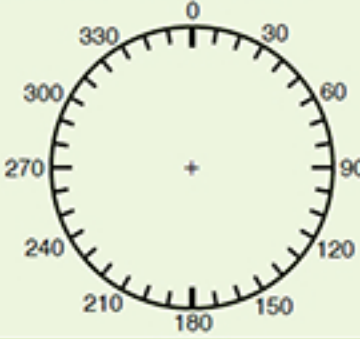


CELESTIAL PRECOMPUTATION

SHEET NUMBER

PRECOMPUTATION—PERISCOPIC SEXTANT

NAVIGATOR						ALT MSL		DATE(Z)			FIX TIME																																																				
STAR SELECTOR BY AZIMUTH 						TRACK		BODY		Spica	Pollux																																																				
						GS		BASE GHA																																																							
						CORIOLIS	R L	CORR																																																							
						PREC/ NUT		+360																																																							
						DR LAT	N S	GHA																																																							
						DR LONG	E W	ASSUM W LONG +E																																																							
MOTION OF OBSERVER						LHA																																																									
MOTION OF BODY						ASSUM LAT		N S																																																							
4 MIN ADJUST						DEC		N S			N S N S N S																																																				
OFF-FIX TIME						E L		E L		E L		E L		E L		PLANNED MID-TIME																																															
TOTAL MOT. ADJUST								ACTUAL MID-TIME																																																							
POLARIS		Q				TAB Hc																																																									
MOON		PA		SD																																																											
REF (-)						D DEC		CORR																																																							
PERS/SEXT						CORR Hc																																																									
TOTAL → ADJ						TOTAL → ADJ																																																									
TH/GH						ADJ Hc																																																									
Zn/GZa(-)						OFF TIME MOTION																																																									
IRB						Hc																																																									
IRB						REFRACTION TABLE (condensed) <table border="1" style="font-size: small; border-collapse: collapse;"> <thead> <tr> <th rowspan="2">Ro</th> <th colspan="6">Altitude MSL (thousands of feet)</th> </tr> <tr> <th>0</th> <th>20</th> <th>25</th> <th>30</th> <th>35</th> <th>40</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>53</td> <td>46</td> <td>41</td> <td>36</td> <td>33</td> <td>28</td> </tr> <tr> <td>2</td> <td>33</td> <td>19</td> <td>16</td> <td>14</td> <td>11</td> <td>9</td> </tr> <tr> <td>3</td> <td>23</td> <td>12</td> <td>10</td> <td>8</td> <td>7</td> <td>5</td> </tr> <tr> <td>4</td> <td>16</td> <td>8</td> <td>7</td> <td>6</td> <td>5</td> <td>3-10</td> </tr> <tr> <td></td> <td>12</td> <td>7</td> <td>5</td> <td>4</td> <td>3-10</td> <td>2-10</td> </tr> </tbody> </table>		Ro	Altitude MSL (thousands of feet)						0	20	25	30	35	40	1	53	46	41	36	33	28	2	33	19	16	14	11	9	3	23	12	10	8	7	5	4	16	8	7	6	5	3-10		12	7	5	4	3-10	2-10	Ho							
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