

LOP Template

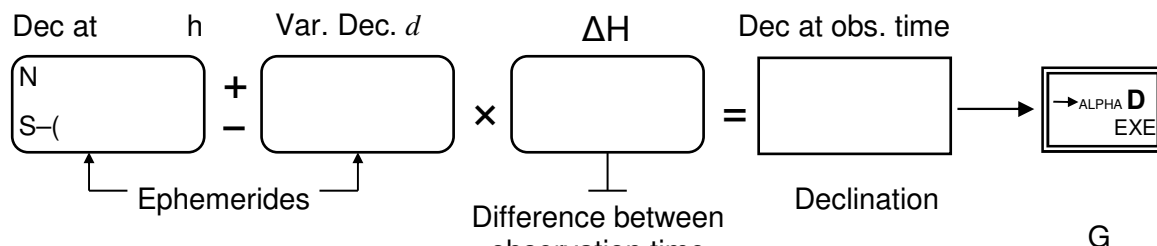
This template is provided for use with a small calculator (Casio fx-3650P or equivalent) wherein two equations have been previously recorded :

Prog 1 : $\sin^{-1}(\sin D \sin L + \cos D \cos A \cos L) \rightarrow H$

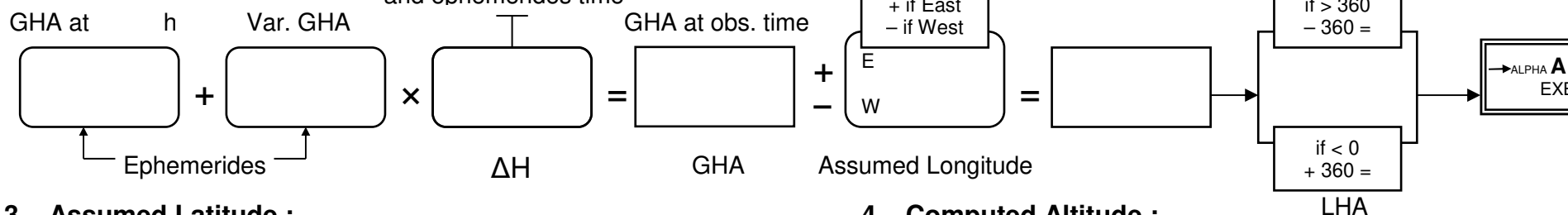
Prog 2 : $\cos^{-1}((\sin D - \sin L \sin H) \div (\cos L \cos H))$

LOP Template

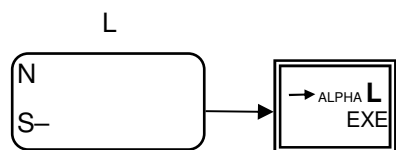
1 – Declination :



2 – Local Hour Angle :



3 – Assumed Latitude :

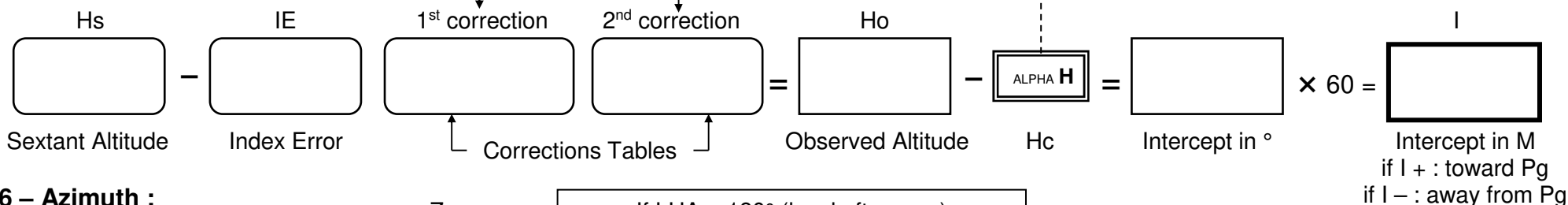


Assumed Latitude

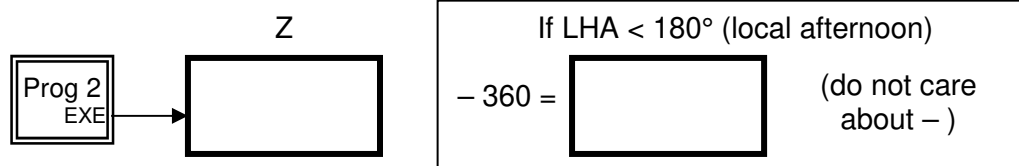
Corrections additives bord inférieur du soleil					
Hauteur observée	Élévation de l'œil				
	0m	2m	3m	4m	5m
6°	7',5	5',0	4',5	4',0	3',5
7°	8',7	6',2	5',6	5',1	4',4
8°	9',6	7',1	6',5	6',0	5',5
9°	10',3	7',7	7',2	6',7	6',0
10°	10',8	8',3	7',8	7',3	7',0
12°	11',7	9',2	8',6	8',1	7',5
15°	12',6	10',1	9',5	9',0	8',5
20°	13',5	11',0	10',5	9',9	9',5
30°	14',5	12',0	11',5	10',9	10',5
50°	15',3	12',8	12',2	11',7	11',0
90°	16',0	13',5	13',0	12',5	12',1

Stars and Planets : - 16'
Sun's lower limb : - 32'

5 – Intercept :



6 – Azimuth :



Date UT		
Watch UT Time h m s	Error Watch Time h m s	Chrono Time h m s
00 -	+	=
Observed body		Name Sextant Altitude at °
Assumed L : Position G :		Index Error : Height of Eye :