PROJECT						
LOCATION						
ORGANIZATION			DATE *(YYYYMMDD)*			

COMPUTATION OF ELEVATIONS FROM NONRECIPROCAL OBSERVATIONS

(By calculating machine)

For use of this form, see FM 3-34.331 the proponent agency is TRADOC.

Station 1, occ.						
Station 2, obs.						
Object sighted						
ζ_1						
α and mean ϕ						
(0.5 -m)						
s						
$p \sin 1''$						
k in secs.						
$(90° - \zeta_1 + k)$						
tan $(90° - \zeta_1 + k)$						
A						
B						
C						
$h_2 - h_1$						
h_1						
$i - o$						
Corrected elevation						
$\frac{1}{s^2} = p$ of $(h_2 - h_1)$						
Weighted mass elevation of sta. obs.						

$$h_2 - h_1 = s \tan (90° - \zeta_1 + k)\ A\ B\ C \qquad k \text{ in secs.} = \frac{(0.5 - m)s}{p \sin 1''}$$

COMPUTED BY	DATE *(YYYYMMDD)*	CHECKED BY	DATE *(YYYYMMDD)*