

221319

5 cm

# "BISON" REFRACTION IR. ALONG BASELINE

100 m. E

19  
3  
5

200' 180' 160' 140' 120' 100' 80' 60' 40' 20'

270° m.

100 m E

7000

9500

4400

4500

$D = 10'$

$$D_2 = \frac{5}{16} \times \frac{17}{2} + 22.5 = 29.5$$

$$D_2 = \frac{5}{16} \times \frac{18}{2} + 22.5 = 31$$

av.  $V_1 = 1100$  ft/min  
av.  $V_2 = 4150$   
av.  $V_3 = 8250$

$D = 8.5'$   
(515 mm)

Reflection?  
Times

31.0  
43.4  
56.6  
69.6  
81.0  
R

110