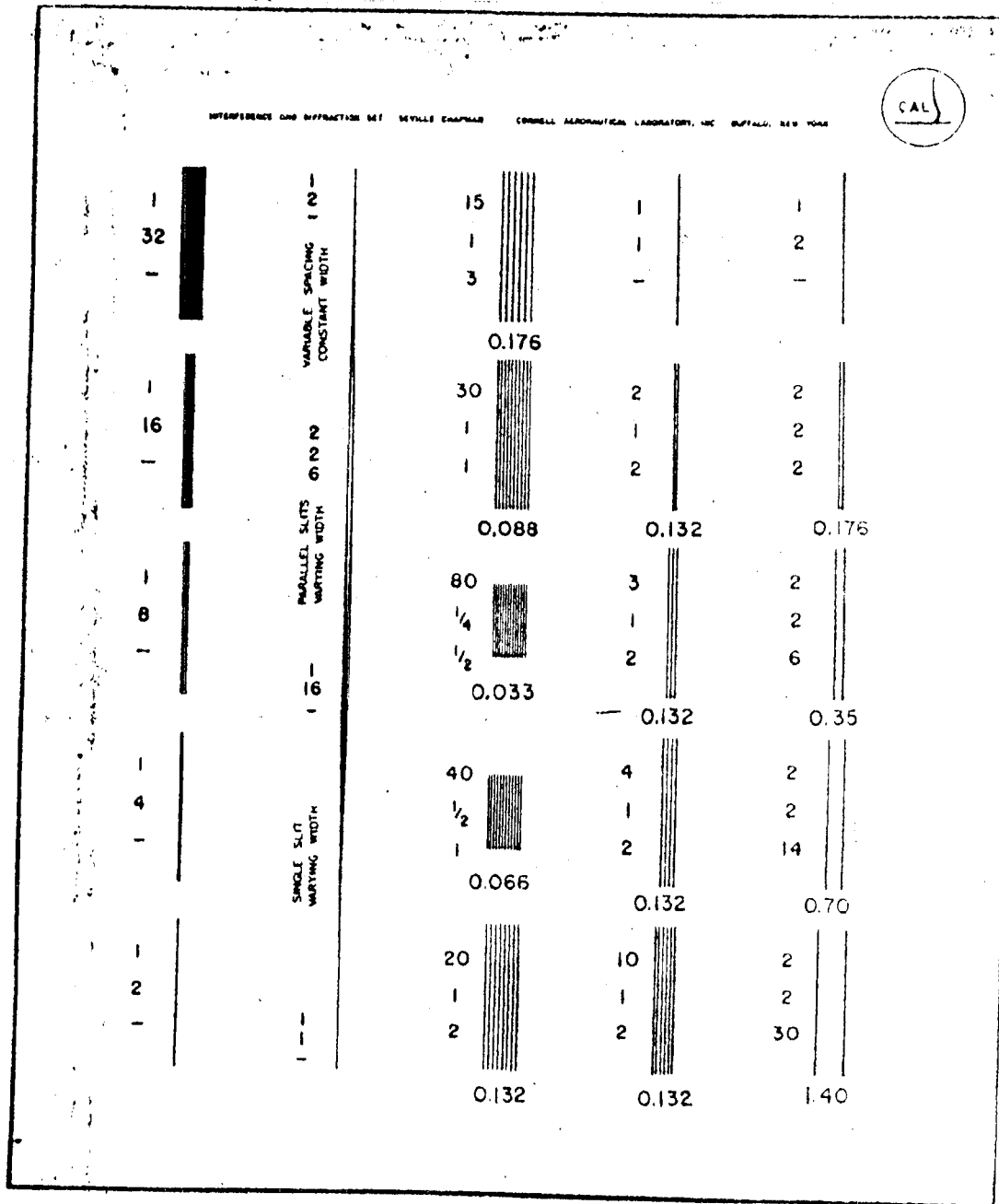


Light Interference: Slit-Plate

Spit 44



Top digit: # of slits

Middle digit: slit width

Bottom digit: slit separation

measured in "points" → 72 points = 1 inch
1 inch = 2.54 cm

BUT... the patterns have been reduced by a factor of 8 for the slit-plate!

Decimal below patterns: distance between slits, in millimetres (this has not been reduced)

Spectral Colours

Colour	Wavelength
violet	380–450 nm
blue	450–495 nm
green	495–570 nm
yellow	570–590 nm
orange	590–620 nm
red	620–750 nm

Although the spectrum is continuous and therefore there are no clear boundaries between one colour and the next, the ranges may be used as an approximation.