

SMPTE STANDARD

for Motion-Picture Film (70-mm) — Projectable Image Area, 15/70 Format



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1 Scope

This standard specifies the dimensions of the film image area intended for projection from a 15/70 special-venue motion-picture film, the placement of this area relative to the perforations and the reference edge of the film, and the location of pins used for registration during projection.

2 Normative references

The following standards contain provisions which, through reference in this text, constitute provisions of this standard. At the time of publication, the editions indicated were valid. All standards are subject to revision, and parties to agreement based on this standard are encouraged to investigate the possibility of applying the most recent edition of the standards indicated below.

SMPTE 119-2004, Motion-Picture Film (70-mm) — Perforated 65-mm, KS-1870

SMPTE 417M, Motion-Picture Film (65-mm) — Camera Aperture Image and Usage, 15/70 Format

3 Dimensions

The dimensions shall be as given in figure 1 and table 1.

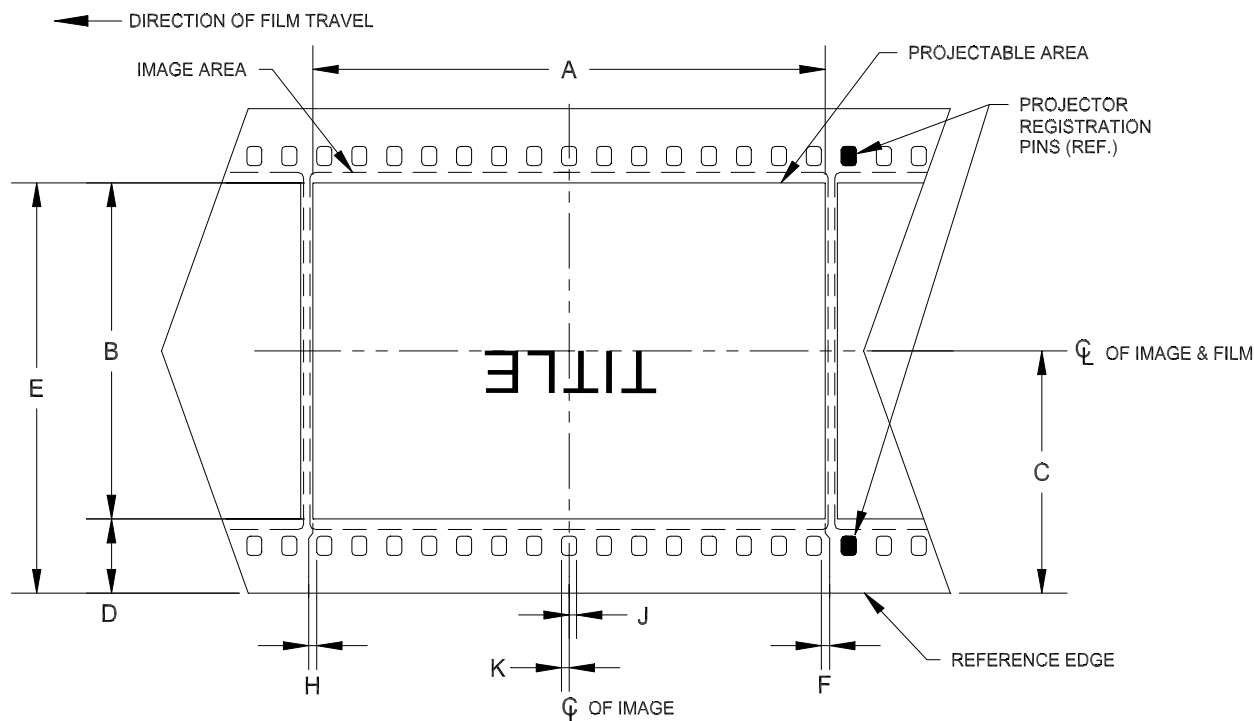


Figure 1 – Projectable area of film
(looking toward projector lens, facing emulsion side)

Table 1 – Specifications

Dimensions	Description	Inches	Millimeters
A	Projectable width	2.740 max	69.60 max
B	Projectable height	1.912 max	48.56 max
C	Reference edge to image centerline	1.377 ref	34.98 ref
D	Reference edge to image	0.420 min	10.67 min
E	Reference edge to image	2.334 max	59.28 max
F=H	Projection edges centered to perforations	within 0.008	within 0.20
J=K	Projection centerline to perforations	nominally equal	nominally equal