

**Table 4.1 Aspect ratio**

Sailplane equivalent<sup>a</sup> aspect ratio = 0.19 (best  $L/D$ )<sup>1.3</sup>

Propeller aircraft	Equivalent aspect ratio	
Homebuilt	6.0	
General aviation—single engine	7.6	
General aviation—twin engine	7.8	
Agricultural aircraft	7.5	
Twin turboprop	9.2	
Flying boat	8.0	
	Equivalent aspect ratio = $aM_{\max}^C$	
Jet aircraft	$a$	$C$
Jet trainer	4.737	-0.979
Jet fighter (dogfighter)	5.416	-0.622
Jet fighter (other)	4.110	-0.622
Military cargo/bomber	5.570	-1.075
Jet transport	7.50 to 10	0

<sup>a</sup> Equivalent aspect ratio = wing span squared/(wing and canard areas)