

**Appendix 3. AIRPLANE DESIGN GROUPS**

Some safety standards in this Order are based on the "Airplane Design Group" from Advisory Circular 150/5300-13, Airport Design. These Design Groups are based on aircraft wingspan, with typical aircraft in each Design Group shown below.

<b>Design Group</b>	<b>Wingspan</b>
I	<u>Up to but not including 49 feet</u> Piper Navajo, Cessna 421, Fairchild Metro, Beech King Air, Mitsubishi MU-2, Rockwell Sabre 75, Lear 35/36, BAE/Hawker-Siddley HS-125/800
II	<u>49 feet up to but not including 79 feet</u> Cessna 441, Embraer 120 Brasilia, SAAB 340, Rockwell Sabre 65, Cessna Citation II/III, Beech 1900 Airliner, Gulfstream I/II/III/IV/V
III	<u>79 feet up to but not including 118 feet</u> ATR 42/72, BAE-146, Boeing 727/737, Convair 580, DeHavilland Dash 7, DC-9 (All), Fokker 100, MD-80, Fairchild F-27
IV	<u>118 feet up to but not including 171 feet</u> Boeing 707, 757, 767, DC-8, Lockheed L-1011, DC-10/MD-11
V	<u>171 feet up to but not including 214 feet</u> Boeing 747, 777