

Table 4-1. Design Standards Based on Airplane Design Group (ADG)

ITEM	DIM (See Figure 3-43)	ADG					
		I	II	III	IV	V	VI
TAXIWAY PROTECTION							
TSA	E	49 ft (15 m)	79 ft (24 m)	118 ft (36 m)	171 ft (52 m)	214 ft (65 m)	262 ft (80 m)
Taxiway OFA		89 ft (27 m)	131 ft (40 m)	186 ft (57 m)	259 ft (79 m)	320 ft (98 m)	386 ft (118 m)
Taxilane OFA		79 ft (24 m)	115 ft (35 m)	162 ft (49 m)	225 ft (69 m)	276 ft (84 m)	334 ft (102 m)
TAXIWAY SEPARATION							
Taxiway Centerline to Parallel Taxiway/Taxilane Centerline ¹	J	69 ft (21 m)	105 ft (32 m)	158 ft (48 m)	215 ft (66 m)	267 ft (81 m)	324 ft (99 m)
Taxiway Centerline to Fixed or Movable Object	K	44.5 ft (14 m)	65.5 ft (20 m)	97 ft (30 m)	129.5 ft (39 m)	160 ft (49 m)	193 ft (59 m)
Taxilane Centerline to Parallel Taxilane Centerline ¹		64 ft (20 m)	97 ft (30 m)	146 ft (45 m)	195 ft (59 m)	245 ft (75 m)	298 ft (91 m)
Taxilane Centerline to Fixed or Movable Object		39.5 ft (12 m)	57.5 ft (18 m)	84 ft (26 m)	112.5 ft (34 m)	138 ft (42 m)	167 ft (51 m)
WINGTIP CLEARANCE							
Taxiway Wingtip Clearance		20 ft (6 m)	26 ft (8 m)	35 ft (10.5 m)	44 ft (13 m)	53 ft (16 m)	62 ft (19 m)
Taxilane Wingtip Clearance		15 ft (5 m)	18 ft (5 m)	23 ft (7 m)	27 ft (8 m)	31 ft (9 m)	36 ft (11 m)

NOTE:

- These values are based on wingtip clearances. If 180 degree turns between parallel taxiways are needed, use this dimension or the dimension specified in Table 4-2, whichever is larger.