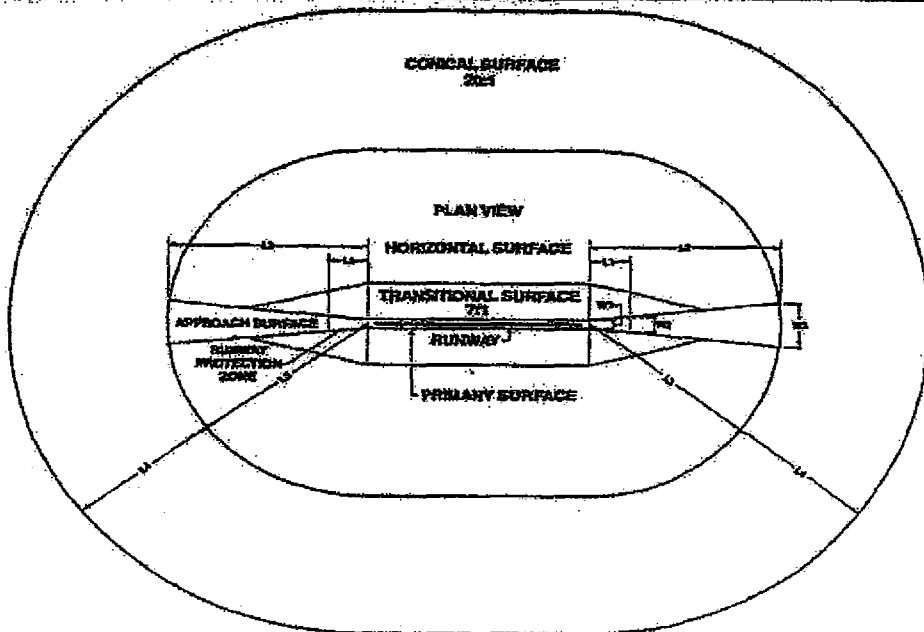


Figure 1



FAR PART 77 "IMAGINARY SURFACES" DIMENSION REQUIREMENTS

Runway Type	Runway End		Conical Surface (L:W)	Horizontal Surface (L:W)	Approach Surface			Approach Slope	Primary Surface Width	Transitional Surface
	Approach	Other			Length (ft)	Inner Width (ft)	Outer Width (ft)			
Small Airplanes ²	V	V	4,000	5,000	5,000	250	1,250	20:1	500	7:1
		NP	4,000	5,000	5,000	500	1,250	20:1	500	7:1
		NP 3/4	4,000	5,000	5,000	1,000	1,250	20:1	1,000	7:1
	NP	P	4,000	5,000	5,000	1,000	1,250	20:1	1,000	7:1
		V	4,000	5,000	5,000	500	2,000	20:1	500	7:1
		NP	4,000	5,000	5,000	500	2,000	20:1	500	7:1
Large Airplanes ³	V	NP 3/4	4,000	10,000	5,000	1,000	1,500	20:1	1,000	7:1
		P	4,000	10,000	5,000	1,000	1,500	20:1	1,000	7:1
		NP	4,000	10,000	10,000	500	3,500	34:1	500	7:1
	NP	NP 3/4	4,000	10,000	10,000	500	3,500	34:1	500	7:1
		P	4,000	10,000	10,000	1,000	3,500	34:1	1,000	7:1
		P	4,000	10,000	10,000	1,000	3,500	34:1	1,000	7:1
Large and Small Airplanes	NP 3/4	V	4,000	10,000	10,000	1,000	4,000	34:1	1,000	7:1
		NP	4,000	10,000	10,000	1,000	4,000	34:1	1,000	7:1
		P	4,000	10,000	10,000	1,000	4,000	34:1	1,000	7:1
	P	V	4,000	10,000	10,000/40,000	1,000	4,000/15,000	50:1/40:1	1,000	7:1
		NP	4,000	10,000	10,000/40,000	1,000	4,000/15,000	50:1/40:1	1,000	7:1
		NP 3/4	4,000	10,000	10,000/40,000	1,000	4,000/15,000	50:1/40:1	1,000	7:1

1 - In Feet
 2 - Less than 12,500 lbs maximum certified takeoff weight
 3 - Greater than 12,500 lbs maximum certified takeoff weight
 Note: L1 is the length of the RPZ and W2 is the outer width of the RPZ as defined by approach visibility minimums
 Source: Federal Aviation Administration



Pennsylvania Land Use
Compatibility
Guidelines

**FAR PART 77 SURFACES
AND DIMENSION REQUIREMENTS**

Figure 1