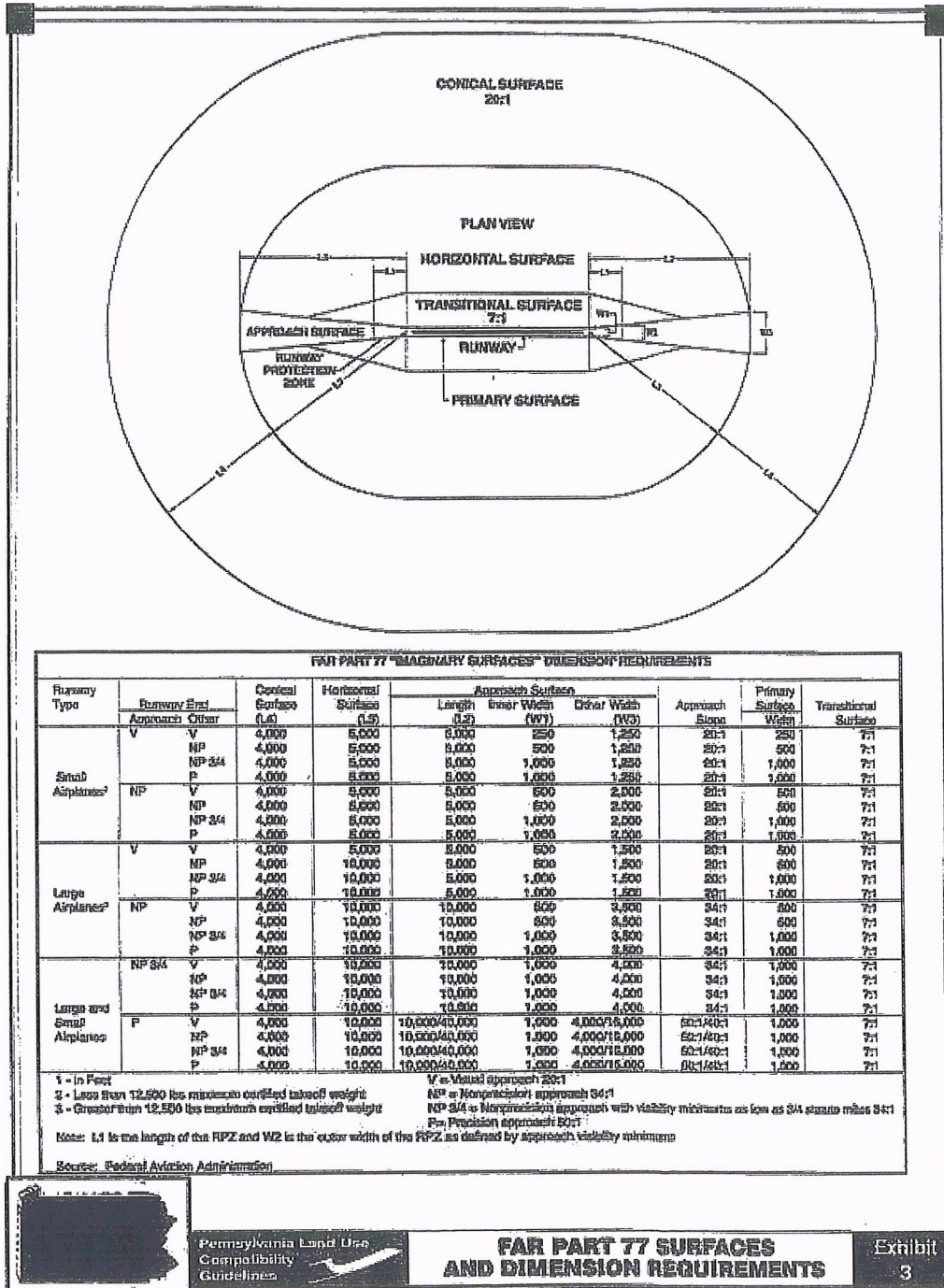


ZONING

470 Attachment 1

Township of Lower Windsor

**Figure 1: Part 77 Surface Areas
(Exhibit 3, Pennsylvania Land Use Compatibility Guidelines)**

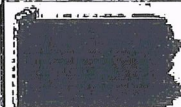


FAR PART 77 "BARRIERY SURFACES" DIMENSION REQUIREMENTS

Runway Type	Runway End		Conical Surface (L1)	Horizontal Surface (L2)	Approach Surface			Approach Slope	Primary Surface Width	Transitional Surface
	Approach	Other			Length (L3)	Inner Width (W1)	Outer Width (W2)			
Small Airplanes ¹	V	V	4,000	5,000	3,000	500	1,500	20:1	500	7:1
		NP	4,000	5,000	3,000	500	1,500	20:1	500	7:1
		NP S/A	4,000	5,000	3,000	1,000	1,500	20:1	1,000	7:1
	P	V	4,000	5,000	3,000	500	1,500	20:1	500	7:1
		NP	4,000	5,000	3,000	500	1,500	20:1	500	7:1
		NP S/A	4,000	5,000	3,000	1,000	1,500	20:1	1,000	7:1
Large Airplanes ²	V	V	4,000	5,000	3,000	500	1,500	20:1	500	7:1
		NP	4,000	5,000	3,000	500	1,500	20:1	500	7:1
		NP S/A	4,000	5,000	3,000	1,000	1,500	20:1	1,000	7:1
	P	V	4,000	5,000	3,000	500	1,500	20:1	500	7:1
		NP	4,000	5,000	3,000	500	1,500	20:1	500	7:1
		NP S/A	4,000	5,000	3,000	1,000	1,500	20:1	1,000	7:1
Large and Small Airplanes ³	NP S/A	V	4,000	10,000	10,000	500	3,500	34:1	500	7:1
		NP	4,000	10,000	10,000	500	3,500	34:1	500	7:1
		NP S/A	4,000	10,000	10,000	1,000	3,500	34:1	1,000	7:1
	P	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
		NP S/A	4,000	10,000	10,000	1,000	4,000	34:1	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
 V = Visual approach 20:1
 NP = Nonprecision approach 30:1
 NP S/A = Nonprecision approach with visibility minimums as low as S/A statute mile 34:1
 P = Precision approach 30:1
 Note: L1 is the length of the RPS and L2 is the outer width of the RPS, as defined by approach visibility minimums

Source: Federal Aviation Administration


FAR PART 77 SURFACES AND DIMENSION REQUIREMENTS
Exhibit 3