

SUMMARY OF PENETRATIONS					
PENETRATION TYPE	PART 77 SURFACE				TOTAL
	PRIMARY	TRANSITIONAL	HORIZONTAL	CONICAL	
VEGETATION	1,074	1,309	1,495	1,966	5,844
GROUND	54	10	8	53	125
BUILDINGS/HANGARS	0	28	0	9	37
POLES/TOWERS	7	21	2	2	32
NAVAIDS	31	2	0	0	33
GROUND TRANSPORTATION	29	11	21	21	82
UTILITY INFRASTRUCTURE	3	18	7	4	32
FENCE	30	37	19	1	87
OTHER	0	6	6	0	12
<b>TOTAL</b>	<b>1,228</b>	<b>1,442</b>	<b>1,558</b>	<b>2,056</b>	<b>6,284</b>

TABLE NOTES:

- PART 77 APPROACH SURFACES SHOWN ON SHEET 34 - INNER PORTION OF THE APPROACH SURFACE DRAWING.
- PENETRATIONS SHOWN ON MAP REPRESENT TOP 2% OF PENETRATIONS TO EACH PART 77 SURFACE.
- PENETRATION GROUPS REPRESENT APPROXIMATE LOCATIONS OF ALL PENETRATIONS.
- COMPREHENSIVE LIST OF PENETRATIONS IS INCLUDED ON SHEETS 7 - 33.
- PENETRATION DESCRIPTIONS AS LISTED ON SHEETS 7 - 33 ARE GROUPED IN TABLE ABOVE PER THE FOLLOWING: VEGETATION = BUSH, SCRUB, TRAIL, FOREST; GROUND = GROUND; BUILDINGS/HANGARS = BUILDING, HANGAR; POLES/TOWERS = ANTENNA, BEACON, POLE, POLE\_LIGHT, POLE\_UTIL, POST, TRANSMISSION\_PYLON, VERTICAL\_POINT; NAVAIDS = PAPI, PAPI\_CONTROL\_BOX, REIL, SIGN, WINDSOCK; GROUND TRANSPORTATION = PARKING\_LOT, ROAD - PRIVATE, ROAD - PUBLIC, STREET SIGN; UTILITY INFRASTRUCTURE = A/G PIPE, DAM, ELEC\_BOX, MISC\_UTIL, SOLAR\_PANELS.

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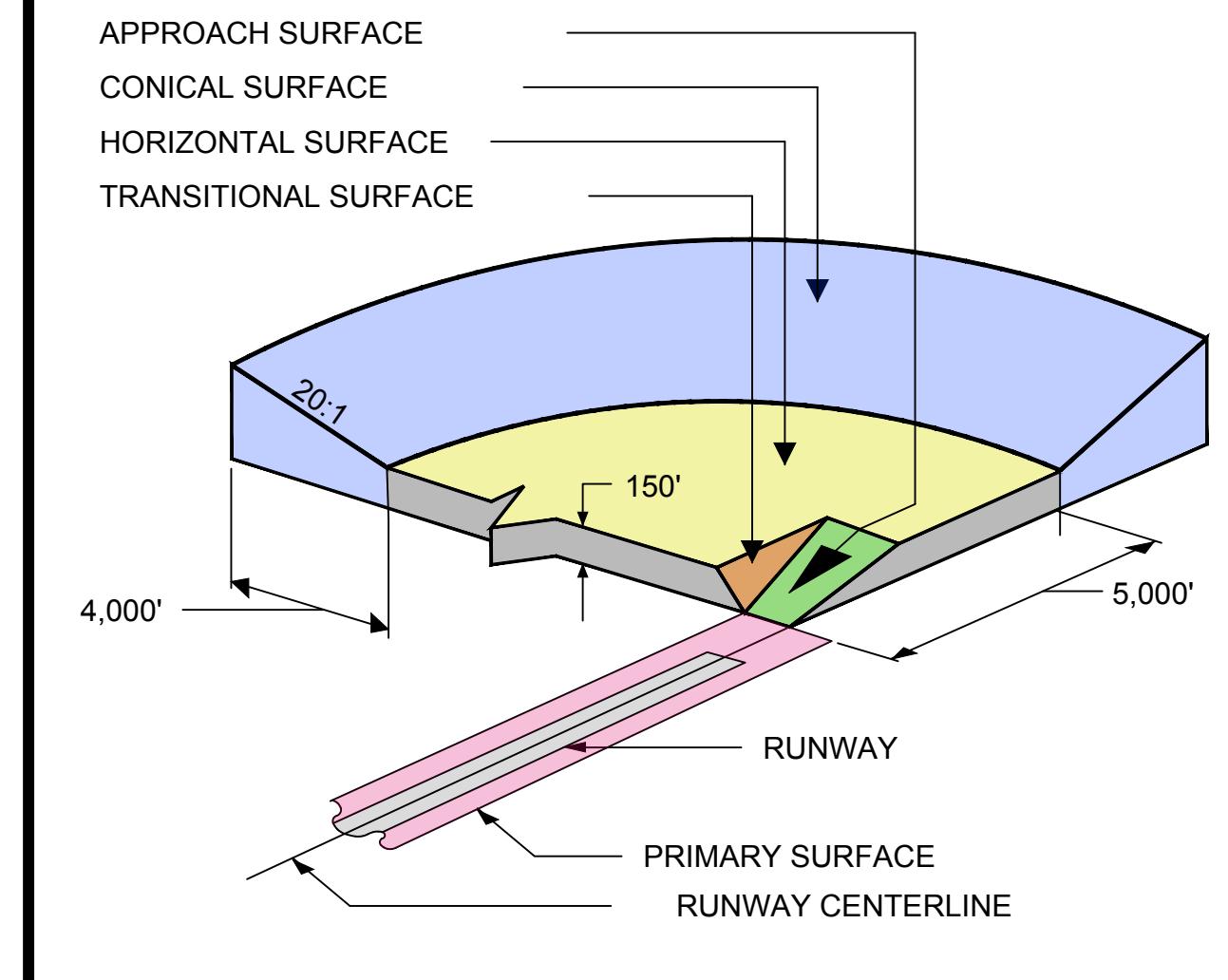
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## PART 77 SURFACES LEGEND



## NOTES

1. COORDINATE DATA - **HORIZONTAL**: NORTH AMERICAN DATUM OF 1983, ARIZONA STATE PLANE COORDINATE SYSTEM, CENTRAL ZONE, INTERNATIONAL SURVEY FEET. **VERTICAL**: NORTH AMERICAN DATUM OF 1988 (NAVD 88).
2. AIRPORTS GEOGRAPHIC INFORMATION SYSTEM (AGIS) SURVEY PERFORMED JULY 2020.
3. BASE MAP SOURCED FROM U.S. GEOLOGICAL SURVEY (USGS) TOPOBUILDER (ACCESSED OCTOBER 2022).
3. PART 77 SURFACES BASED ON 14 CFR PART 77.
4. PART 77 SURFACES SHOWN ON THIS SHEET REPRESENT FUTURE CONDITIONS PER SHEET 4 - AIRPORT LAYOUT PLAN (FUTURE).
5. 50' CONTOUR ELEVATIONS ARE SHOWN IN MEAN SEA LEVEL (MSL).
6. OBSTRUCTIONS SHOWN THIS SHEET REPRESENT PENETRATIONS TO PART 77 TRANSITIONAL SURFACE, HORIZONTAL SURFACE, AND CONICAL SURFACE. REFER TO SHEETS 8, 9, AND 10 FOR OBSTRUCTIONS TO PART 77 APPROACH SURFACES.
7. TRAVERSEWAY ELEVATIONS INCLUDE THE FOLLOWING ADJUSTMENTS: PRIVATE ROADS: 10', PUBLIC ROADS: 15'. NO INTERSTATE HIGHWAYS OR RAILROADS ARE LOCATED IN THE IMMEDIATE VICINITY OF THE AIRPORT.
8. SURVEY IDENTIFIED A TOTAL OF 6,298 OBSTRUCTIONS TO PART 77 SURFACES, NOT INCLUDING PART 77 APPROACH SURFACES. OBSTRUCTIONS SHOWN ON MAP REPRESENT TOP 2% OF PENETRATIONS TO EACH PART 77 SURFACE.
9. OBSTRUCTION GROUPS REPRESENT APPROXIMATE LOCATION OF ALL OBSTRUCTIONS. COMPREHENSIVE LISTS OF OBSTRUCTIONS TO EACH PART 77 SURFACE, NOT INCLUDING PART 77 APPROACH SURFACES, ARE INCLUDED ON SHEETS 7-33 - AIRPORT AIRSPACE DRAWING - PART 77 SURFACE OBSTRUCTION TABLES.



# COTTONWOOD MUNICIPAL AIRPORT

## COTTONWOOD, AZ