

BUT-SR4-21.48

FAA Airway/Highway Clearance Analysis

March 12, 2021

Calculated By GKB

Object:	SR 4 Germantown Rd	SR 4 at Tytus Ave			
	173+19	128+63			

Latitude	39.5278277	39.522308		
Longitude	-84.3846054	-84.3952788		
Elevation of Pavement	654	650.00		
Pole/Structure Adjustment				
Highest Elevation of Permanent Feature	654	650		
Traverse Way Adjustment	15'	15'		
Height of Temporary Structure	25'	25'		
Highest Elevation of Temporary Feature	679	675		
Distance to nearest end of runway to project	22,125'	19,270'		
Is Horizontal Distance <20,000 feet?	NO	YES		

01OH - Atrium Medical Center				
Runway Length		from online sources		
Official Airport/Heliport Elevation	775	from online sources		

Is construction 200' above ground?	NO	NO		
FAA Notification Required?	NO	NO		

Is Horizontal Distance <20,000 feet?	NO	YES		
Is Runway Length >3,200 feet	NO	NO		
100:1 Height	221.3'	192.7'		
100:1 Elevation	996.3	967.7		
Does permanent feature penetrate airway?	NO	NO		
Does traversing vehicles penetrate airway?	NO	NO		
Does temporary conditions penetrate airway?	NO	NO		
Available elevation above traversing vehicles	327.3'	302.7'		
FAA Notification Required?	NO	NO		

Is Horizontal Distance <10,000 feet?	NO	NO		
Is Runway Length >3,200 feet	NO	NO		
50:1 Height	442.5'	385.4'		
50:1 Elevation	1217.5	1160.4		
Does permanent feature penetrate airway?	NO	NO		
Does traversing vehicles penetrate airway?	NO	NO		
Does temporary conditions penetrate airway?	NO	NO		
Available elevation above traversing vehicles	548.5'	495.4'		
FAA Notification Required?	NO	NO		

Is Horizontal Distance <5,000 feet?	NO	NO		
Is this a Heliport?	YES	YES		
25:1 Height	885.0'	770.8'		
25:1 Elevation	1660.0	1545.8		
Does permanent feature penetrate airway?	NO	NO		
Does traversing vehicles penetrate airway?	NO	NO		
Does temporary conditions penetrate airway?	NO	NO		
Available elevation above traversing vehicles	991.0'	880.8'		
FAA Notification Required?	NO	NO		

Is FAA Notification Required?	NO
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