

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	26,505'	16,260'		
Is Horizontal Distance <20,000 feet?	NO	YES		

OH64 - Hummel Airport				
Runway Length	1,600'	from online sources		
Official Airport/Heliport Elevation	695	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	265.1'	162.6'		
100:1 Elevation	960.1	857.6		
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	291.1'	192.6'		
FAA Notification Required?	NO	NO		

Is Horizontal Distance <10,000 feet?	NO	NO		
Is Runway Length >3,200 feet	NO	NO		
50:1 Height	530.1'	325.2'		
50:1 Elevation	1225.1	1020.2		
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	556.1'	355.2'		
FAA Notification Required?	NO	NO		

Is Horizontal Distance <5,000 feet?	NO	NO		
Is this a Heliport?	NO	NO		
25:1 Height	1,060.2'	650.4'		
25:1 Elevation	1755.2	1345.4		
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	1,086.2'	680.4'		
FAA Notification Required?	NO	NO		

Is FAA Notification Required?	NO
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