

# 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	3,670'	16,105'			
Is Horizontal Distance <20,000 feet?	YES	YES			

<b>Middletown Regional Airport/Hook Field</b>					
Runway Length	6,100'	from online sources			
Official Airport/Heliport Elevation	650	from online sources			

Is construction 200' above ground?	NO	NO			
<b>FAA Notification Required?</b>	<b>NO</b>	<b>NO</b>			

Is Horizontal Distance <20,000 feet?	YES	YES			
Is Runway Length >3,200 feet	YES	YES			
100:1 Height	36.7'	161.1'			
100:1 Elevation	686.7	811.1			
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	17.7'	146.1'			
<b>FAA Notification Required?</b>	<b>NO</b>	<b>NO</b>			

Is Horizontal Distance <10,000 feet?	YES	NO			
Is Runway Length >3,200 feet	YES	YES			
50:1 Height	73.4'	322.1'			
50:1 Elevation	723.4	972.1			
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	54.4'	307.1'			
<b>FAA Notification Required?</b>	<b>NO</b>	<b>NO</b>			

Is Horizontal Distance <5,000 feet?	YES	NO			
Is this a Heliport?	NO	NO			
25:1 Height	146.8'	644.2'			
25:1 Elevation	796.8	1294.2			
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	127.8'	629.2'			
<b>FAA Notification Required?</b>	<b>NO</b>	<b>NO</b>			

<b>Is FAA Notification Required?</b>	<b>NO</b>
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