

Allegheny Mountain Rescue Group

Neville's Woods ELT Search Exercise **ANSWERS**

June 7, 2011

Keith Conover, M.D., FACEP

All answers are approximate; see map on next page.

Team Alpha:

You are at the Rennerdale Corner Store at the intersection of Noblestown Road and Sunnyside Avenue. While one member of your team is inside getting pizza, the rest of you get a fix with your ELT locator. The maximal signal seems to be 224° true.

Team Bravo:

You are parked along Gregg Station Road, on top of the bridge over Robinson Run and the Panhandle Trail, directly over the stream. While enjoying the breeze and the view, you get an ELT fix of 152° true. This is the crossing closer to Walker's Mill, which is marked as Nike Site Road on some maps.

Team Charlie:

You are at the parking lot at the beginning of the Panhandle Trail at Walker's Mill. While trying to avoid being run over by large crowds of kids on bicycles, you get an ELT fix of 263° true.

Team Delta:

You are in the teeming metropolis (population 33) of Beechmont, at the intersection of Hilltop Road and Thom's Run Road. While sitting there being very bored, with no good view, pizza, or even hordes of kids on bikes, you get an ELT fix of 83° true.

For each team: what is your location in ASRC Grid Coordinates? In UTM coordinates?

Team	ASRC Coordinates	UTM Coordinates
Alfa:	A3828	729723
Bravo:	A1443	718730
Charlie:	A5623	737721
Delta:	A0315	713717

Where, most likely, is the downed aircraft?

At the Fossil Cliffs

What is the best way for each team to get to the crash site? (assume can't get gates open in reasonable time)

Alfa: Drive S down Sunnyside Avenue, walk past gate and R on Panhandle Trail, L on foot trail once across the bridge, then L and L again.

Bravo: Drive to Rennerdale then as above.

Charlie: Drive to Rennerdale then as above.

Delta: Drive to Rennerdale then as above.

Which team will likely get there first?

Alfa

m	mm
100	4.2
200	8.3
300	12.5
400	16.7
500	20.8

Map	A
Decl.	9°W
	No

Neville's Woods Trails

Off Panhandle Rail-Trail,
Collier Township, PA

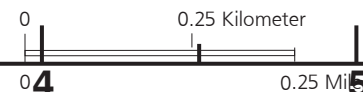
With Neville's Woods - Fossil Cliff Walk Marked

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well-worn or maintained trail

indistinct or unmaintained trail



Quadrangle Name:	Oakdale, PA
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0,0 = UTM:	N/A
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