

### Challenge 7. – Grass Lake to Meyers.

**Note the change in grid lines as you cross from one UTM region to another. Plotting UTM's is challenging as you cross between these two maps. You're getting back to civilization and have a chance to refuel.**

Check Point	Instruction	Question	Answer
<b>CP 61</b>	Find the point where highway 89 crosses 6600 contour line.	Give the bearings from True North from this location to the peaks marked 6795, 8585 and 8997	349° 52° 78°
<b>CP 62</b>	Find the building located at UTM 0759050 4299040	On the shortest route by road from CP 61 how many road intersections did you pass?	8 in 1.58 miles
<b>CP 63</b>	From CP 62 head 270° from True North until you reach the Hawley Grade National Recreation Trail.	At what elevation do you reach the trail?	6920 feet
<b>CP 64</b>	Follow the trail North to the highway.	How much elevation do you gain?	400 feet
<b>CP 65</b>	Find BM 7377 in grid square 0757 4301	What is the distance in miles of the shortest route by road from CP 64 to BM 7377?	1.15 miles
<b>CP 66</b>	Find BM 6407 in grid square 0758 4301.	What is the difference in distance between taking the road and bushwhacking directly across country to this location?	Bushwhack 0.45 miles Road 3.46 miles 3.01 miles difference.
<b>CP 67</b>	Find the nearest marked spring to CP 66..	What is the UTM of this location?	0759045 4302210
<b>CP 68</b>	Find the trail to the North of the spring and follow it to the 7400 feet contour line. From this point plot a bearing of 336.5° TN for 0.53 miles.	What is the elevation at this location?	7768 feet.
<b>CP 69</b>	Bushwhack to the Water Tanks in Grid Square 0240 4304.	What is the bearing you would follow for this Bushwhack? Would you aim off to the East or West of this bearing?	39° West.
<b>CP 70</b>	Find the AR friendly Roadrunner Gas Station at UTM 0759385 4304945 and load up on supplies for the next stage.	What is the shortest distance in miles by road from the Water Tanks at CP 69 to the Roadrunner Gas Station?	1.10 miles
<b>Rest Stop</b>	<b>Go to <a href="http://www.ARNavigationalSupplies.com">www.ARNavigationalSupplies.com</a> and check your answers</b>		



