

Thunderbolt Gap - Long-term Site
Reference Survey

Table 5 - Thunderbolt Gap Survey Data		Based on NAD 1927							
<i>Theodolite Location</i>	<i>Target Location</i>	Distance Meters	Vertical Angle DMS	Horiz. Angle DMS	H-Angle Reference DMS	X-Coord	Y-Coord	Z-Coord	Rod H - Theo M
	CHIN (UVM- Triangle hole)								
	Chin-USCGS Monument								
Chin-USCGS Monument	MACBETH	94.09	352.18.25	123.03.05	W-Chin Pass Point				0
Chin-USCGS Monument	SUNSET (monument hole)	164.09	356.23.20	336.16.55	W-Chin Pass Point				0
Chin-USCGS Monument	W-Chin Pass Point	195.3	347.38.55	00.00.00	W-Chin Pass Point				0
Chin-USCGS Monument	CHIN - UVM triangle/hole	0.5	0	180 magn	magnetic north				0
W-Chin Pass Point	Origin West Chin Lower Quad	32.62		00.00.00	W. Chin Quad origin				0
W-Chin Pass Point	<i>Tower left</i>			54.28.15	W. Chin Quad origin				
W-Chin Pass Point	<i>Tower middle</i>			55.14.45	W. Chin Quad origin				
W-Chin Pass Point	<i>Tower right</i>			55.48.40	W. Chin Quad origin				
W-Chin Pass Point	<i>Origin Thunderbolt Gap Quad</i>	43.28		156.33.00	W. Chin Quad origin				
Thunderbolt Gap Origin	South East Corner from Origin	20		00.00.00	Corner	0	20		
Thunderbolt Gap Origin	<i>West Chin Bottom Origin</i>	75.49	25.47.40	279.53.40	20-meter 0-line				0
Thunderbolt Gap Origin	meter quad 1- No-East Corner	20.13	342.35.00	26.33.55	20-meter 0-line	8.6	17.19		0.3
Thunderbolt Gap Origin	meter quad 2- No-East Corner	7.21	338.41.50	82.47.20	20-meter 0-line	5.59	3.73	-2.66	0.3
Thunderbolt Gap Origin	meter quad 3- No-East Corner	27.65	340.18.30	49.23.55	20-meter 0-line	19.77	16.94	-9.32	0
Thunderbolt Gap Origin	meter quad 4- No-East Corner	6.33	337.13.30	71.33.55	20-meter 0-line	5.52	1.84	-2.44	0.3
Thunderbolt Gap Origin	meter quad 5- No-East Corner	13.45	338.14.30	41.59.15	20-meter 0-line	8.35	9.28		0.3
Thunderbolt Gap Origin	meter quad 6- No-East Corner	28.88	340.21.15	56.18.35	20-meter 0-line	22.64	15.09	-9.71	0.3
Thunderbolt Gap Origin	meter quad 7- No-East Corner	16.97	337.56.35	45.00.00	20-meter 0-line	11.12	11.12		0.3
Thunderbolt Gap Origin	meter quad 8- No-East Corner	17.63	338.46.25	38.36.05	20-meter 0-line	11.15	13.1		0

Thunderbolt Gap - Long-term Site
Reference Survey

						1994
						1994