

MOSAIC AERIAL PHOTOGRAPHY TABLES

Lens 30mm aimed 45° down
 Shutter 1/1000
 Ground Speed 90 kts
 50% track overlap, 40% strip overlap

AGL	Lens View	Overlap	Interval	Offset
1,000	800	400	5 sec	0.0702 nm
1,500	1,200	600	8 sec	0.1053 nm
2,000	1,600	800	11 sec	0.1404 nm
2,500	2,000	1,000	13 sec	0.1755 nm
3,000	2,400	1,200	16 sec	0.2107 nm
3,500	2,800	1,400	18 sec	0.2458 nm
4,000	3,200	1,600	21 sec	0.2809 nm
4,500	3,600	1,800	24 sec	0.3160 nm
5,000	4,000	2,000	26 sec	0.3511 nm
5,500	4,400	2,200	29 sec	0.3932 nm
6,000	4,800	2,400	32 sec	0.4213 nm
6,500	5,200	2,600	34 sec	0.4564 nm
7,000	5,600	2,800	37 sec	0.4915 nm
7,500	6,000	3,000	39 sec	0.5266 nm
8,000	6,400	3,200	42 sec	0.5617 nm
8,500	6,800	3,400	45 sec	0.5968 nm
9,000	7,200	3,600	47 sec	0.6320 nm
9,500	7,600	3,800	50 sec	0.6671 nm
10,000	8,000	4,000	53 sec	0.7022 nm

MOSAIC AERIAL PHOTOGRAPHY TABLES

Lens 60mm aimed 45° down
 Shutter 1/1000
 Ground Speed 90 kts
 50% track overlap, 40% strip overlap

AGL	Lens View	Overlap	Interval	Offset
1,000	400	200	2 sec	0.0351 nm
1,500	600	300	3 sec	0.0527 nm
2,000	800	400	4 sec	0.0702 nm
2,500	1,000	500	5 sec	0.0878 nm
3,000	1,200	600	6 sec	0.1054 nm
3,500	1,400	700	7 sec	0.1229 nm
4,000	1,600	800	8 sec	0.1405 nm
4,500	1,800	900	9 sec	0.1580 nm
5,000	2,000	1,000	10 sec	0.1756 nm
5,500	2,200	1,100	11 sec	0.1966 nm
6,000	2,400	1,200	12 sec	0.2107 nm
6,500	2,600	1,300	13 sec	0.2282 nm
7,000	2,800	1,400	14 sec	0.2458 nm
7,500	3,000	1,500	15 sec	0.2633 nm
8,000	3,200	1,600	16 sec	0.2809 nm
8,500	3,400	1,700	17 sec	0.2984 nm
9,000	3,600	1,800	18 sec	0.3160 nm
9,500	3,800	1,900	19 sec	0.3336 nm
10,000	4,000	2,000	20 sec	0.3511 nm