

RG65 SAIL AREAS

Boat Owner		Archie Sixfive				Measurements in mm					
Sail Number		65 – Rig A				Final Areas in cm ²					
JIB or FORE SAIL						MAIN SAIL					
Segments	Chord	Offset		Label	Area	Segments	Chord	Offset		Label	Area
Segment 1	176	8		A1	9.39	Segment 1	225	8		A1	12
Segment 2					0	Segment 2	115	19		A6	14.57
Segment 3					0	Segment 3					0
Segment 4					0	Segment 4					0
Segment 5					0	Segment 5					0
Triangles	Base	Height			Area	Triangles	Base	Height			Area
Triangle 1					0	Triangle 1	221	41		A2	45.31
Triangle 2					0	Triangle 2					0
Triangle 3					0	Triangle 3					0
Triangle 4					0	Triangle 4					0
Triangle 5					0	Triangle 5					0
Trapeziums	Edge 1	Edge 2	Separation		Area	Trapeziums	Edge 1	Edge 2	Separation		Area
Trapezoid 1	176	15	602	A2	574.91	Trapezoid 1	221	204	172	A3	365.5
Trapezoid 2					0	Trapezoid 2	204	99	778	A4	1178.67
Trapezoid 3					0	Trapezoid 3	99	15	79	A5	45.03
Trapezoid 4					0	Trapezoid 4					0
Trapezoid 5					0	Trapezoid 5					0
Trapezoid 6					0	Trapezoid 6					0
Trapezoid 7					0	Trapezoid 7					0
Trapezoid 8					0	Trapezoid 8					0
TOTAL JIB/FORE SAIL AREA					584.3	TOTAL MAIN SAIL AREA					1661.08

COMBINED SAIL AREA - (cm²) 2245.38

MAX ALLOWABLE SAIL AREA - (cm²) 2250

JIB / MAIN AREA RATIO 2.8