

IMHRR 2018

25 Mar 2018

Boat Name	Boat design	Sail Number
AIRGASM	Corsair 760R	174

Hull measurements					
DSPW	DSPWD	LOA	FOH	FF	AOH
0	816	7.39	0	0	0
AF	OSB	TP	V	TH	
0	6.46	None	0.3	Trimaran	

Daggerboards and foils			
TB	Symmetric		
BV1	BV2	BV3	BV4
1.3	0	0	0
BH1	BH2	BH3	BH4
0	0	0	0
BC1	BC2	BC3	BC4
0.433	0	0	0

Mast properties	
TPC	
Fixed	
PC	PCY
0	0

Mainsail measurements				
PU	PL (+/-)	E	MHB	
9.94	0	3.37	1.27	
MUW	MTW	MHW	MQW	
1.46	2	2.58	2.97	

Mizzen measurements			
PUY	PLY (+/-)	EY	MHBY
0	0	0	0
MUWY	MTWY	MHWY	MQWY
0	0	0	0

Headsail measurements		
IG	J	HLU
0		9.78
HNB	HUW	HTW
0	0	0
HMW	HQW	HLP
0	0	2.65

Spinnaker	
SLU	SLE
10.87	9.77
SFL	SHW
6.92	5.53

Screacher			
CLU	CLE	CFL	CHW
10.18	9.16	5.58	2.95

Hull calculations		
RD	DC	TPF
1089.151	273.151	1.000
RL	CCH	CCS
7.390	1.000	1.000
CCC	CCSC	VA
1.000	1.000	0.945

Board & foil calcs	
BVA	BF
0.563	0.663
VF	BHA
0.981	0.000

Mizzen calcs.	
MAY	RMAV
0.000	0.000

Stable wind speed	
WR	WS
3518.0	22.774

Mast calculations		
P	PY	
9.940	0.000	
PA	PAY	
0.000	0.000	

Headsail calcs		
HA	HER	
14.254	2.030	
HEF	RHA	
0.890	12.692	

Speed prediction	
VVH	VVS
12.289	12.843
VVC	VVSC
12.718	13.166

Spinnaker calculations		
SA	RSA	SMG%
49.949	3.863	0.799

Mainsail calcs.	
MA	MER
24.310	2.141
MEF	RMA
0.842	20.465

Rated sail areas	
RSAH	RSAS
33.156	37.019
RSAC	RSASC
36.125	39.395

Lift factor	
LH	LFH
0.000	1.000
LS	LFS
0.000	1.000
LC	LFC
0.000	1.000
LSC	LFSC
0.000	1.000

Screacher calculations		
CA	RCA	CMG%
28.011	2.969	0.529

For details of the abbreviations, please visit <http://www.imhrr.com/imhrr-details.php>

Standard IMHRR Rating			
Headsail TCF-H	Spinnaker TCF-S	Screacher TCF-C	Spi & Scr TCF-SC
0.896	0.936	0.927	0.959

Light IMHRR Rating <12kts			
Headsail TCFL-H	Spinnaker TCFL-S	Screacher TCFL-C	Spi & Scr TCFL-SC
0.961	1.004	0.994	1.029