

RESISTANCE PREDICTION-HIGH SPEED CRAFT (MERCIER-SAVISTKY)			
Length on Waterline	Lwl	25.50	m
Distance between Perpendiculars	Lpp	24.00	m
Beam	B	6.00	m
Draft	T	4.00	m
Speed	V	18.50	knots
Block coefficient	Cb	0.40	
Displacement	D	236.16	mt
Wetted surface area	S	80.00	m ²
Transom Sectional area	At	2.1	m ²
Maximum sectional area	Ax	3.9	m ²
Angle of half entrance	ie	15.00	
LIMIT CHECK			
Volumetric froude number	Fnv	1.23	ok
RESULT			
Total Resistance	Rt	28.26	mt