

# MARINE SAC WORKSHEET



Target Description:

Meteorological Visibility (Km):

Wind Speed (Knts):

Sea Height (Metres):

	HEIGHT OF EYE		AIRCRAFT	
	2.4 metres	4.2 metres	500' Feet	1000' Feet
Uncorrected Sweep Width (Wu)				
Weather Correction Factor (Fw)				
<b>SWEEP WIDTH (W) (Wu x Fw)</b>				
Fatigue Factor (Ff) (If yes use .9)				
Corrected Sweep Width Multiply Sweep Width x (Ff)				
Practical Track Spacing (S)	NM	NM		
Search Area	Square NM			
Search Hours (T) Required $T = \frac{\text{Area}}{V \times S} =$				
Available Search Hours	Hours			
Modified Area at Practical Track Spacing in Available Search Hours: Area = T x V x S	NM	NM		
Whole Area at Practical Track Spacing in Available Search Hours: $S = \frac{\text{Area}}{T \times V} =$	NM	NM		

Prepared by:

Date:

Time:

Accepted by: Incident Controller