Audit System Calculations

Enter Data in Gray Fields Only

Elevation Above Sea Level (Ft)

Atmospheric PSI

Efficiency = HP per 100 SCFM	Specific Power = kW/100 SCFM			Efficiency = SCFM/kW		
Efficiency = HP/100 SCFM	Specific Pow	ver =	kW/100 SCFM	Efficiency =		SCFM/kW
HP =	kW =			CFM =		
CFM =	CFM =			kW =		
				At Site Cond	Standard Co	ond.
Isentropic Efficiency	Isentronic Efficiency =		0%		0/	
lsentropic Efficiency = 16.52 x ((((P2 + P1)/P1)^.2857)-1)/Specific Power		Rated Discha	arge PSI	70		70
P1 = Atmospheric PSI	CAGI Specific Power			Standard Cor	nd	
P2 = Rated Discharge PSI		Measured Specific Power			Site Cond	
Flow From a Tank						_
Flow Contribution From a Tank =		Flow Contrib	ution =		CFM	
Volume Cu/Ft x (P1-P2)/T x P0		Vol (Cu/Ft)			Gallons	
P1 = Atmospheric PSI		Starting PSIC	G (P1)		Gallons	
P2 = Rated Discharge PSI		Ending PSIG	(P2)			
		Time in Minu	ites(T)			
		Atmospheric	PSI (PO)			
These This file proprie	calculations contains inf etary to Blac	s are for infor formation the ckhawk Equip	mational use o at is confidenti oment Corporc	only. al and ition.		

