

**HP-35s Calculator Program –**

**Q STATISTICAL MOMENT AREA FOR T BEAMS**

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Line	Instruction	Process	User Instruction
Q001	LBL Q	Establishing the library (Q for standard value quotation)	
Q002	Q MOMARM AREA	Prompt for process	
Q003	PSE	Short Pause	
Q004	H OF SECTION	Prompt for input	Enter the value of height in inches
Q005	PSE	Short Pause	
Q006	CLVARS	Clear Variables	
Q007	INPUT H	Input value for height	
Q008	B OF SECTION	Prompt for process	
Q009	PSE	Short Pause	
Q010	INPUT B	Input value for base width	Enter value of base width (inches)
Q011	x		
Q012	STO A		
Q013	DIST FROM NA	Prompt for data needed (distance from neutral axis)	
Q014	PSE	Short Pause	
Q015	TO SECT GS	Prompt for data needed	
Q016	PSE	Short Pause	
Q017	x<->y	switching stack x and y	
Q018	INPUT D	Input value	Enter distance from N/A
Q019	RCL A	Processing data	
Q020	x		
Q021	RCL Q		
Q022	+		
Q023	STO Q		
Q024	ANOTHER	Prompt if another volume is to be used	
Q025	PSE	Short Pause	
Q026	INPUT Y	Prompt for binary response	Enter 1 for yes, 0 for no
Q027	x≠0?		
Q028	GTO C007	If answer was yes process goes back to line 7	
Q029	VIEW Q	If answer was no, visualize value of Q	
Q030	STOP		