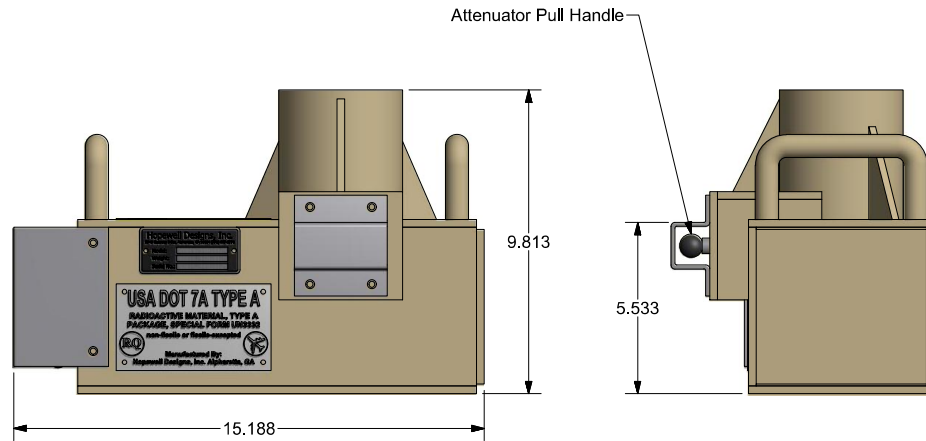
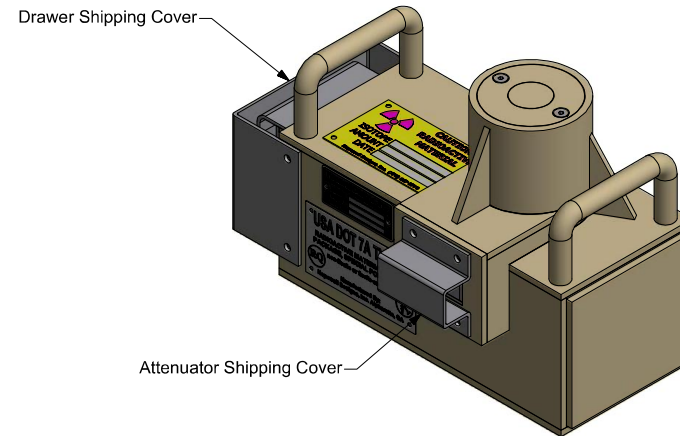
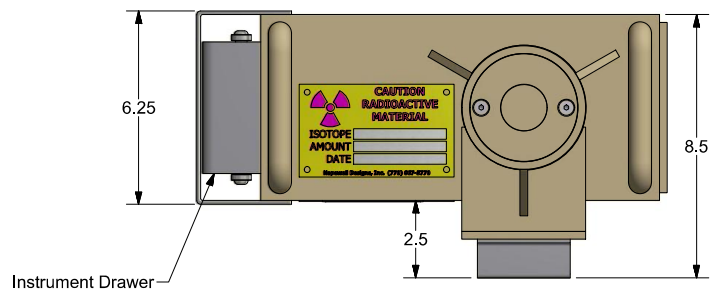


# Irradiator Assembled for Typical Use

				PROJECT NAME		HOPEWELL DESIGNS, INC. 5940 Gateway Drive, Alpharetta, GA 30004	
				REFERENCE	DATE	GC88SL  Overall Assembly	
				RAK	3/5/2014		
				RLH	3/5/2014		
				± 0.125			
				2/25/2014			
				SCALE: 1:4	SIZE: B	NUMBER: 4818	SHEET: 2 of 24
				FILE NAME: 481810			



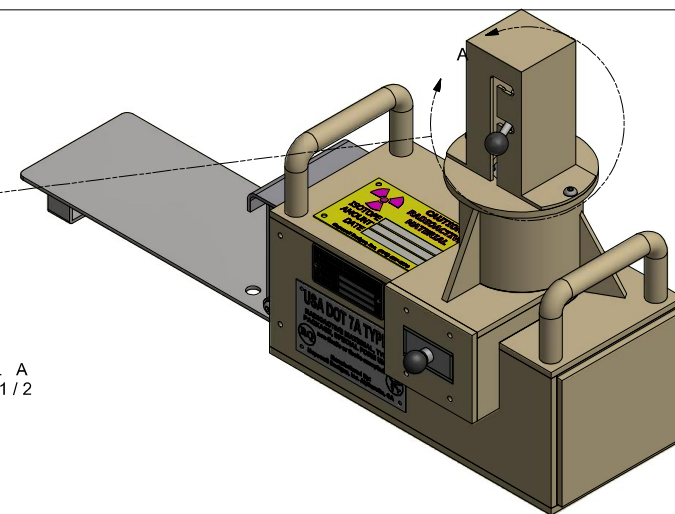
**Irradiator Assembled for Shipping with Covers**

**Approximate Weight for Shipping: 167 lbmass**

				PROJECT NAME 2175 Redstone/ US Army GC88SL		HOPEWELL DESIGNS, INC. 5940 Gateway Drive, Alpharetta, GA 30004	
				DESIGNED BY A. Knotakis	REV NO. 1	DATE 3/5/2014	GC88SL
				APPROVED BY R. Howell	REV NO. 2	DATE 3/5/2014	
				DIMENSIONS TO SURFACE (UNLESS NOTED)		Assembled for Shipping	
				TOLERANCE ± 0.125			
				DATE 2/25/2014			
				SCALE 1:4	REV B	SHEET 4818	3 of 24
				REV NO.		DATE	
				DESCRIPTION		3/5/2014	



						<b>HOPEWELL DESIGNS, INC.</b> 5940 Gateway Drive, Alpharetta, GA 30004	
				DRAWING RAK 3/5/2014 RLH 3/5/2014	<b>GC88SL</b>		
				<input type="checkbox"/> 0.063 2/25/2014		Drawer Views	
				SCALE 1/3	PARTS 8	REVISION 4818	SHEET 4 of 24
REV NO.	DESCRIPTION	DATE	AUTHOR	FILE NAME BEFORE HOP GC88SL-Bracket.dwg		DATE UPDATED 3/5/2014	



Source

.02

B


1.06

.75

.815 Lead

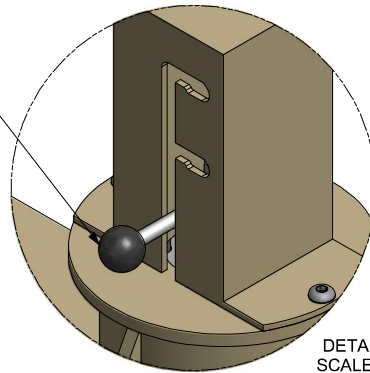
.25 Steel

Detector Probe

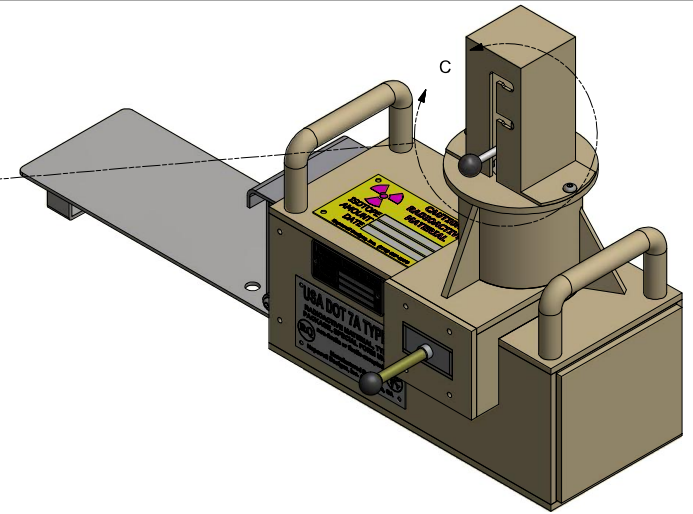
PROJECT NAME		<b>HOPEWELL DESIGNS, INC.</b>	
GC88SL		5940 Gateway Drive, Alpharetta, GA 30004	
REF ID	DATE	<b>GC88SL</b>	
RAK	3/5/2014		
RLH	3/5/2014	Source Located Above Attenuator	
= 0.063			
2/25/2014			
SCALE: 1:3	REV: B	NUMBER: 4818	SHEET: 5 of 24
 E.T. HAWK GEOPRO OF GC88SL Design.dwg		DATE PLOTTED: 3/5/2014 PLOTTER:	

				± 0,063		Source Located Above Attenuator	
				2/25/2014			
				SCALE: 1:3	SIZE: B	NUMBER: 4816	SHEET: 5 of 24
REV NO.	DESCRIPTION	DATE	AUTHOR	FILE NAME: GENERAL-SP CORREL Worksheet.dwg		DATE PLOTTED:	3/5/2014

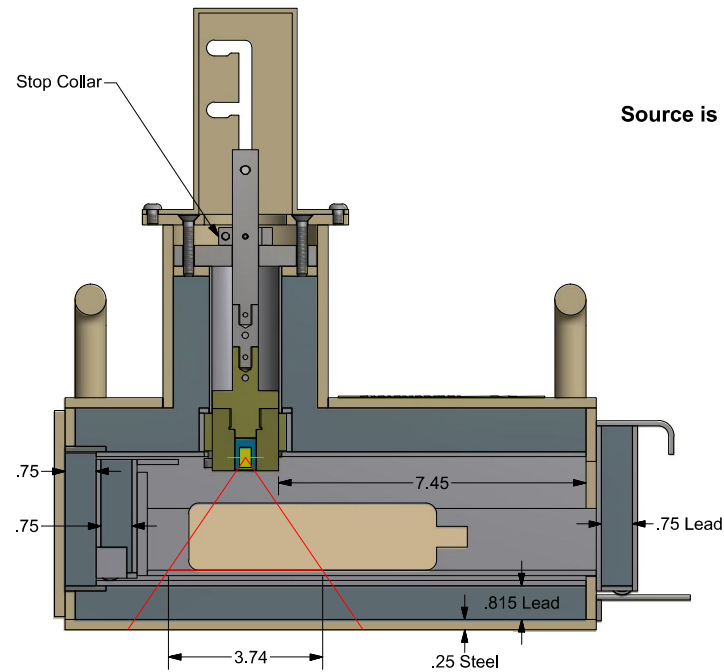
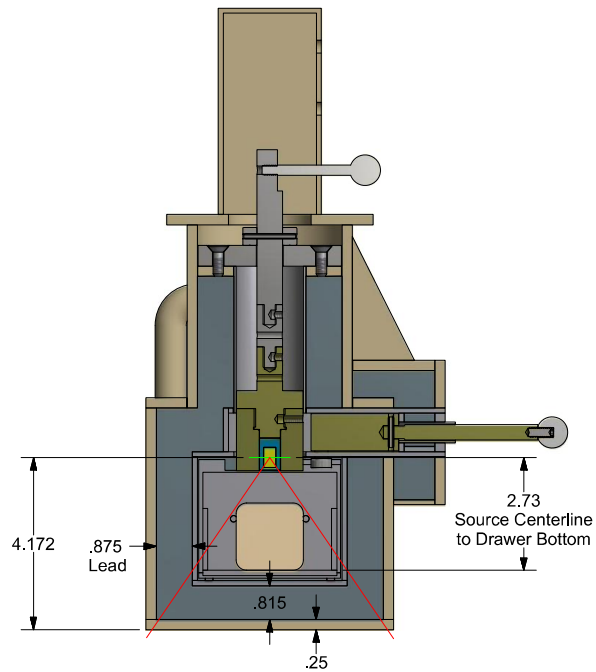
To locate source in lowered position, open attenuator then lower handle in groove until stop collar is resting on top of shield. Attenuator can only be open in this position.



DETAIL C  
SCALE 1 / 2

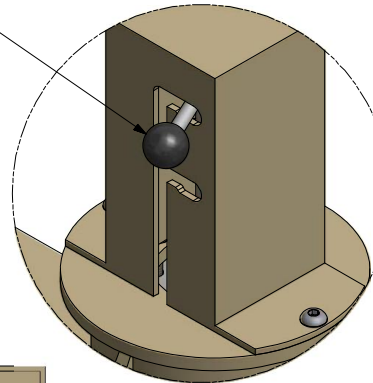


Source is in lowered position with attenuator open

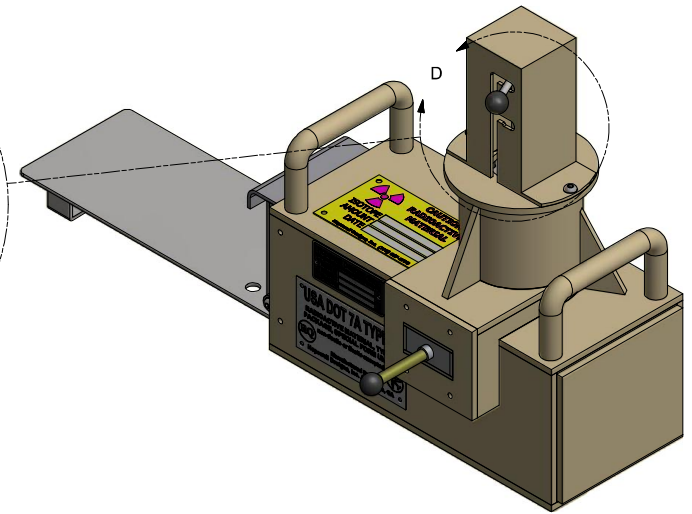


PROJECT NAME				HOPEWELL DESIGNS, INC.			
GC88SL				5940 Gateway Drive, Alpharetta, GA 30004			
DATE	RAK	3/5/2014	DATE	GC88SL			
DATE	RLH	3/5/2014	DATE				
TOLERANCE				Source Located at Bottom of Travel			
DATE				2/25/2014			
SCALE				1:3			
REV NO.				B			
DESCRIPTION				4818			
DATE				3/5/2014			

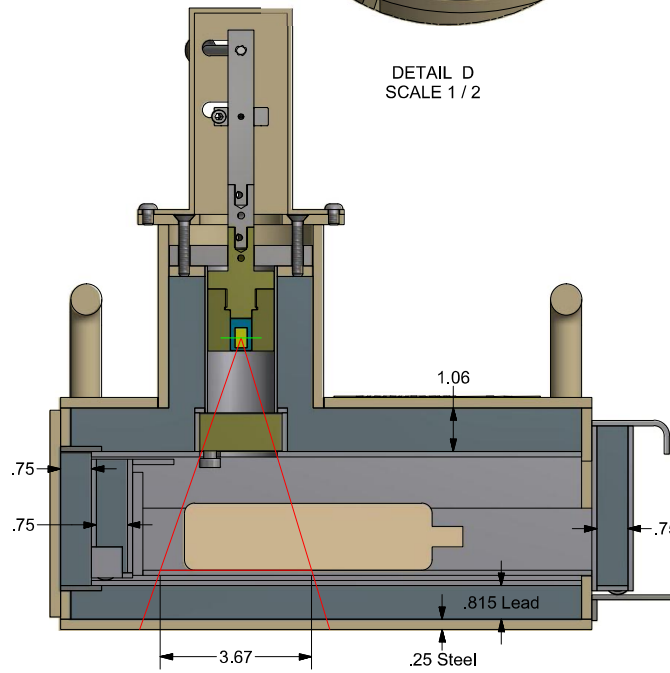
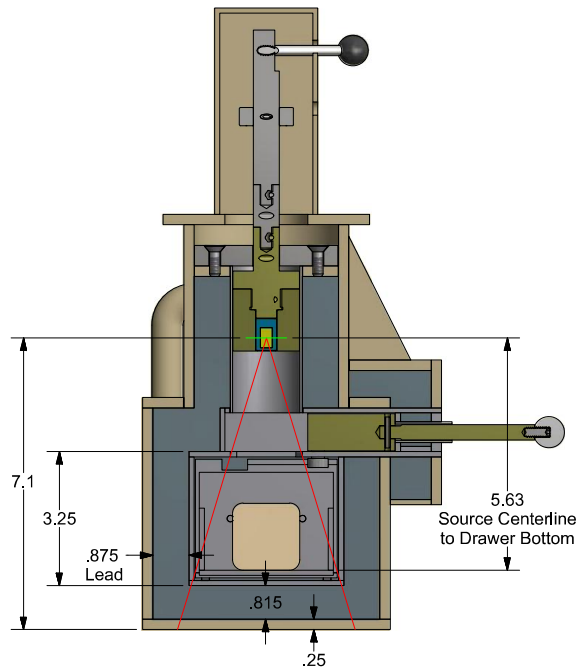
To locate source in top of travel position,  
place position handle in top notch.  
Attenuator can be open or closed in this position.



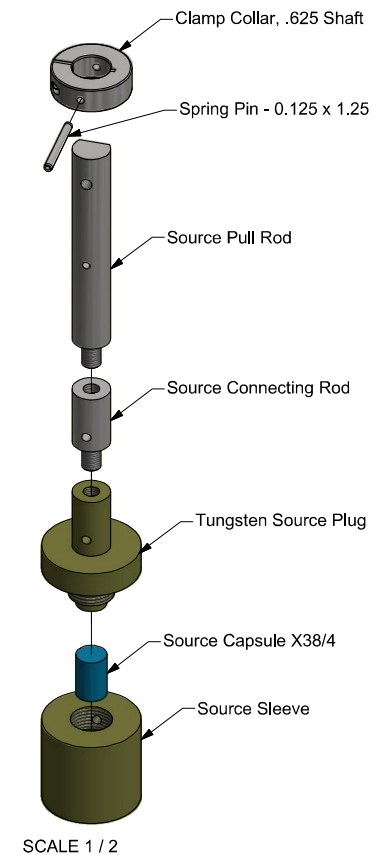
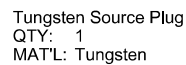
DETAIL D  
SCALE 1 / 2



Source is at top of travel with attenuator open



				DRAWING TOLERANCE (UNLESS NOTED)		± 0.063		Source Located at Top of Travel	
				DATE		2/25/2014			
				SCALE		1:3	GRID	NUMBER	SHEET
								4816	7 of 24
				FILE NAME		ATTN: VOP CORREL/brn@hntb.com		DATE UPDATED	3/5/2014
REV NO.	DESCRIPTION			DATE	AUTHOR				



PROJECT <b>2175 Redstone/ US Army</b> GC88SL		<b>HOPEWELL DESIGNS, INC.</b> 5940 Gateway Drive, Alpharetta, GA 30004	
BUYER <b>A. Knotalis</b>	BILL TO <b>RAK</b>	DATE <b>3/5/2014</b>	
APPROV <b>R. Howell</b>	RAK	<b>GC88SL</b>	
APPROV <b># 0.005</b>		<b>Source Holder Details</b>	
COMMENTS TO VENDOR (PLEASE PRINT)			
DATE <b>2/25/2014</b>			
TOTAL <b>1.1</b>	BIC <b>B</b>	NUMBER <b>4818</b>	SHEET <b>21 of 24</b>
I HAVE REVIEWED THE QUOTE.		DATE <b>3/5/2014</b>	