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19 July 2006

ATTN: Document Control Desk
 Director, Spent Fuel Project Office
 Office of Nuclear Material Safety and Safeguards
 U.S. Nuclear Regulatory Commission
 11555 Rockville Pike
 One White Flint
 Rockville, MD 20852

RE: Amendment for USA/9296/B(U)-96

Dear Director:

Enclosed please find an application for amendment to the Type B(U) approval of the Model 880 Series transport packages. The application addresses a change to the descriptive drawing for these package, R88000 Revision J (copy enclosed). This revision incorporates an alternative length for the lock screws specified on Sheet 3 of 5 of the drawing. This allows the currently approved screw (#10-32 x 1 1/4" long) as well as an alternative screw (#10-32 x 1 3/16" long).

The current screw allows an extra 0.02 inch screw protrusion from the selector ring retainer and elimination of this protrusion does not affect the safety aspects of the loc assembly or any other area of the device. Further, both the current and proposed alternative screws meet the minimum 0.25 inch thread engagement requirement specified on the drawing, therefore there will be no loss of safety related to this optional change.

There are no other changes to the Type B approval at this time. Should you have any additional questions or wish to discuss this submission after receipt please contact me at the number shown above.

Sincerely,

Lori Podolak
 Product Licensing Specialist
 Regulatory Affairs Department

RA/QA Approval

21 Jul 06
 Date

Engineering
 Approval

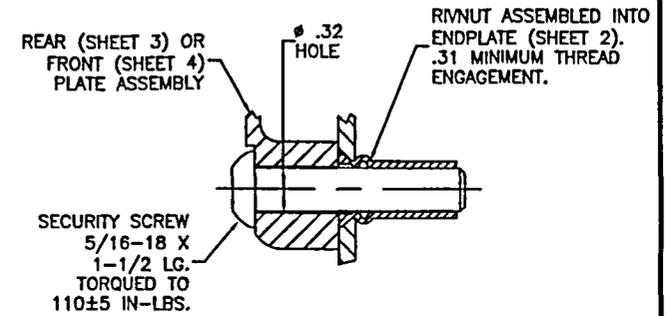
21 Jul 06
 Date

Enclosures: Drawing R88000 Rev J

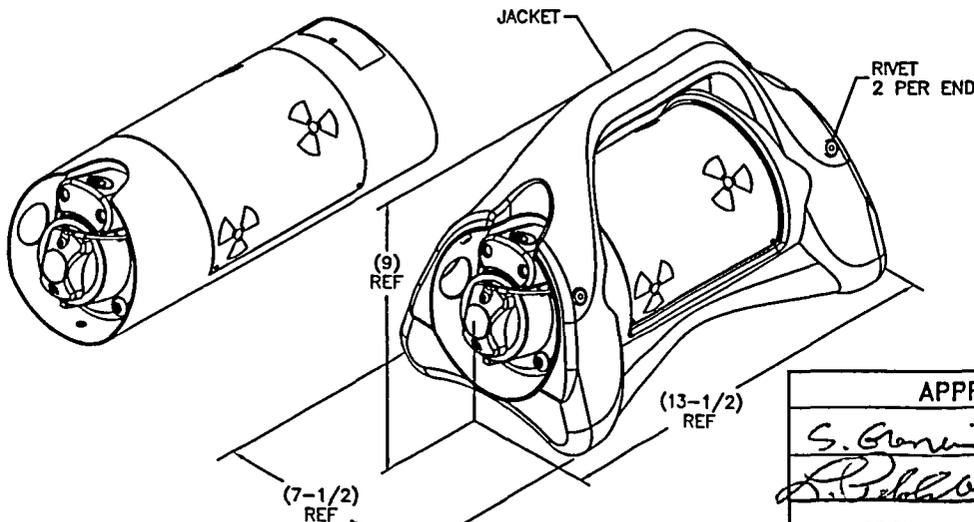
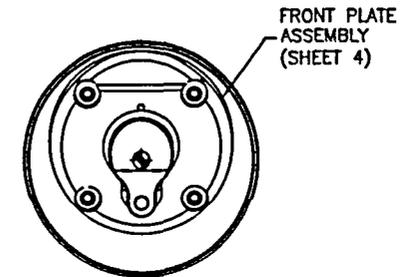
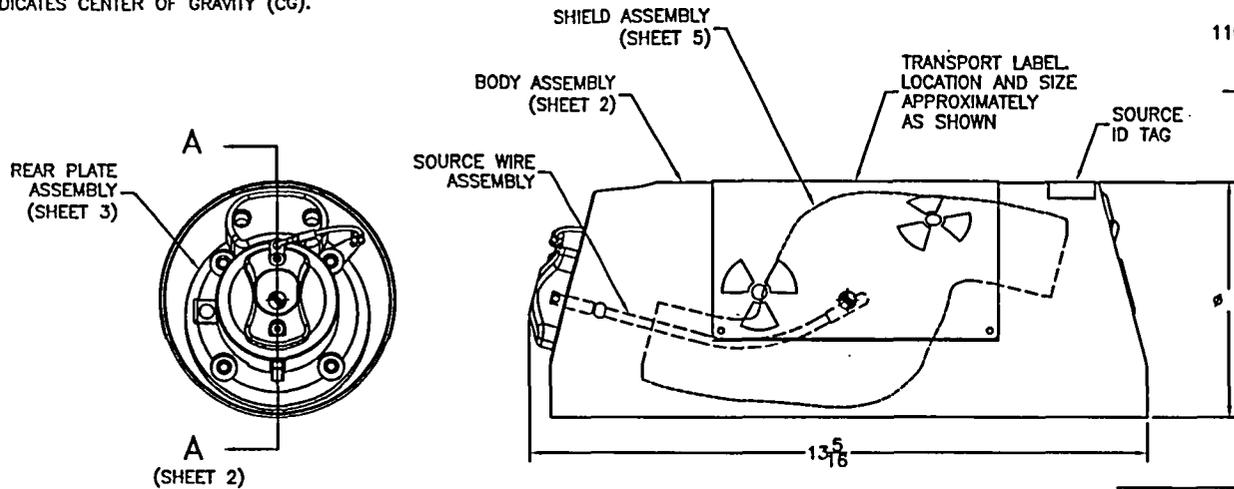
UMSS01

MODEL No.	MAXIMUM TOTAL PACKAGE WEIGHT WITH JACKET	MAXIMUM TOTAL PACKAGE WEIGHT WITHOUT JACKET	DEPLETED URANIUM SHIELD WEIGHT	MAXIMUM IR192 CAPACITY
880 ELITE	42 LBS.	37 LBS.	25 LBS.	50 CURIE
880 DELTA	52 LBS.	46 LBS.	34 LBS.	150 CURIE
880 SIGMA	52 LBS.	46 LBS.	34 LBS.	130 CURIE

◆ INDICATES CENTER OF GRAVITY (CG).



REAR & FRONT PLATE ASSEMBLY ATTACHMENT
8 PLACES



RIVET	4	ALUMINUM/STAINLESS STEEL
OPTIONAL JACKET	1	POLYURETHANE
SECURITY SCREW	8	18-8 STAINLESS STEEL
SOURCE ID TAG	1	304/303/302 STN STL
TRANSPORT LABEL	1	304/303/302 STN STL
SOURCE WIRE ASSEMBLY	1	MODEL 424-9 OR EQUIVALENT
SHIELD ASSEMBLY	1	SEE SHEET 5
FRONT PLATE ASSEMBLY	1	SEE SHEET 4
REAR PLATE ASSEMBLY	1	SEE SHEET 3
BODY ASSEMBLY	1	SEE SHEET 2
PART NAME	QTY	MATERIAL

ERF 1436

APPROVALS

S. Goren 1620206
A. P. ... 18 Jul 06



DESCRIPTIVE DRAWING

TITLE MODEL 880 PROJECTOR

SIZE DWG. NO. R88000

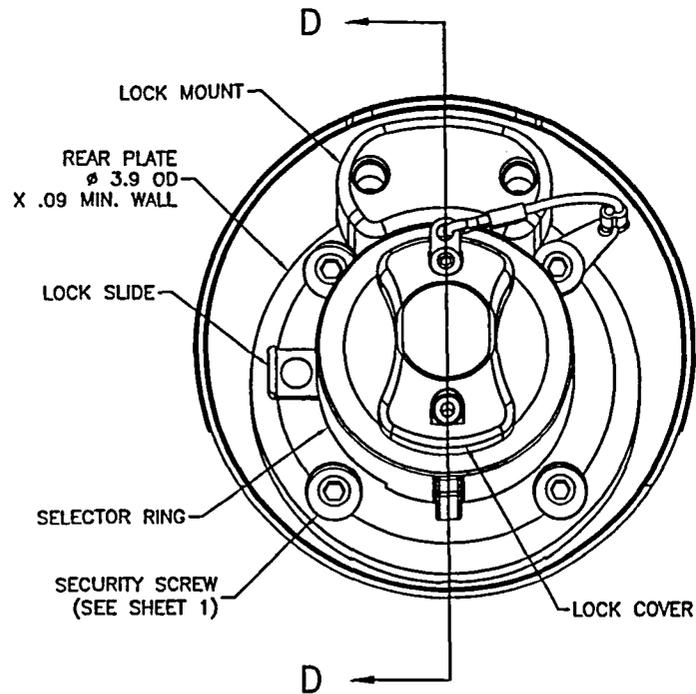
REV J

SCALE: NONE

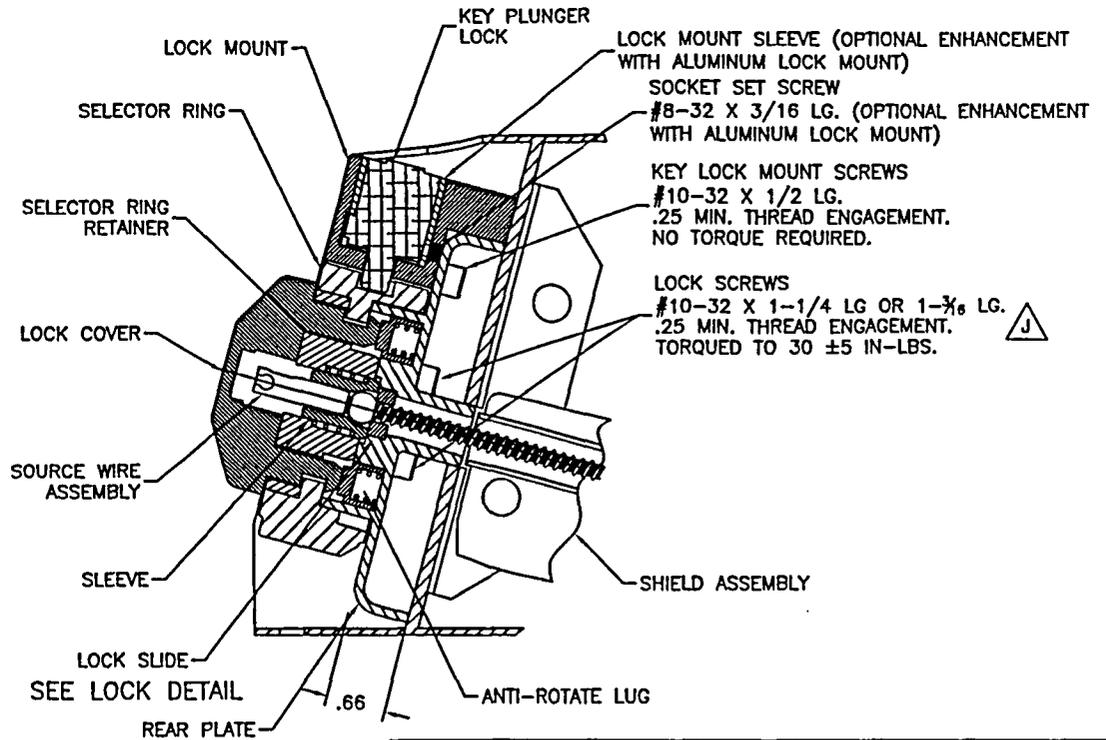
SHEET 1 OF 5

TRANSPORT PACKAGE WITHOUT & WITH OPTIONAL JACKET

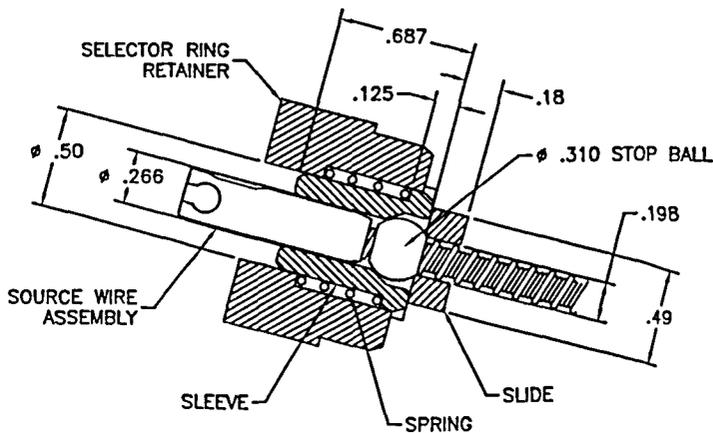
DIMENSIONS IN INCHES
TOLERANCES:
FRACTIONS ±1/16
X ± 0.1
XX ± 0.01
XXX ± 0.005



REAR PLATE ASSEMBLY



SECTION D-D



LOCK DETAIL
SOURCE ASSEMBLY SECURED POSITION

LOCK MOUNT SET SCREW	1	18-8 STAINLESS STEEL
LOCK MOUNT SLEEVE	1	303/304 STAINLESS STEEL
KEY LOCK MOUNT SCREW	2	18-8 STAINLESS STEEL
LOCK MOUNT	1	ALUMINUM/ST.STEEL
LOCK COVER	1	ALUMINUM/ST.STEEL
ANTI-ROTATE LUG	2	303/304 STAINLESS STEEL
LOCK SLIDE	1	17-4 PH STAINLESS STEEL
SLEEVE	1	TUNGSTEN, NICKEL PLATED
SELECTOR RING	1	303/304 STAINLESS STEEL
LOCK SCREW	4	UNS S30430 STN STL
SELECTOR RING RETAINER	1	303/304 STAINLESS STEEL
REAR PLATE	1	304/304L/303/CF8 STN STL
PART NAME	QTY	MATERIAL



DESCRIPTIVE
DRAWING

DIMENSIONS IN INCHES
TOLERANCES:
FRACTIONS ±1/16
X ± 0.1
XX ± 0.01
XXX ± 0.005

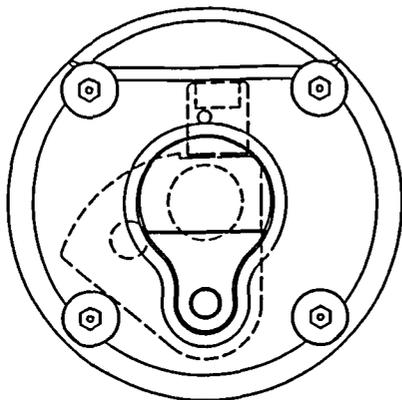
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SIZE DWG. NO. R88000

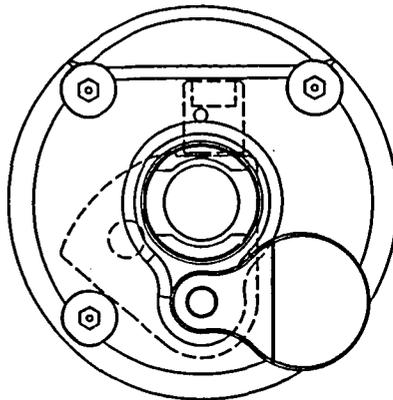
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SHEET 3 OF 5

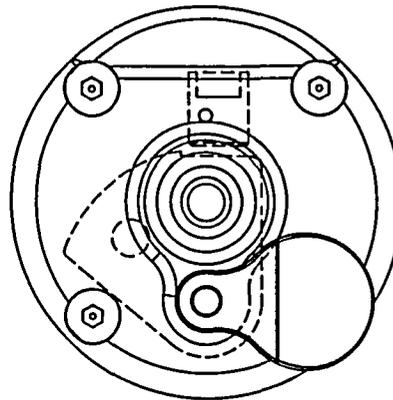
REV
J



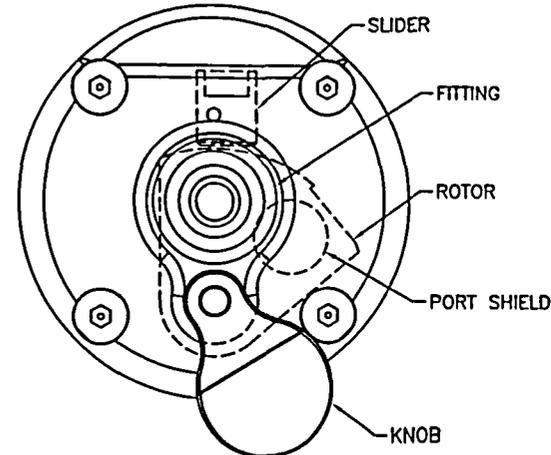
SHIPPING POSITION
PORT COVERED
& SHIELDED.



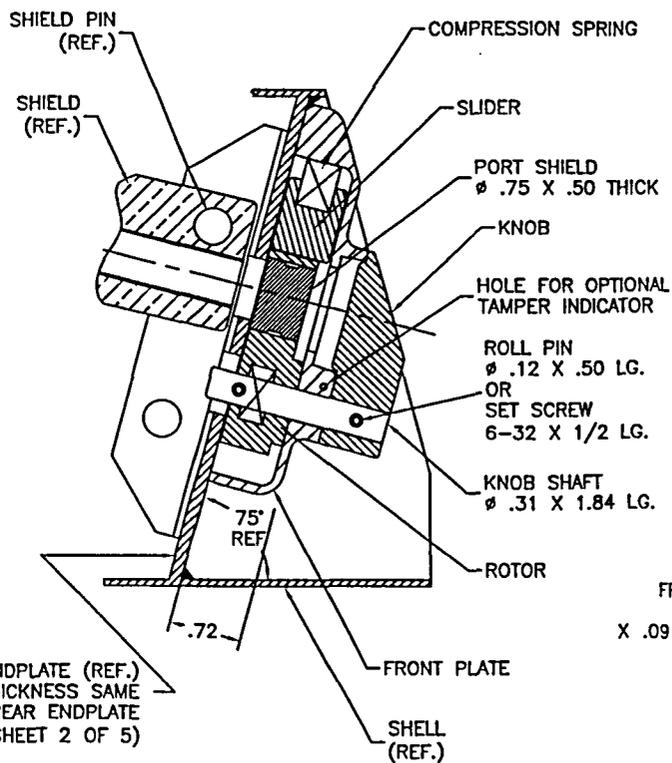
LOCKED POSITION
LIFT KNOB & ROTATE 90°.
PORT SHIELDED.



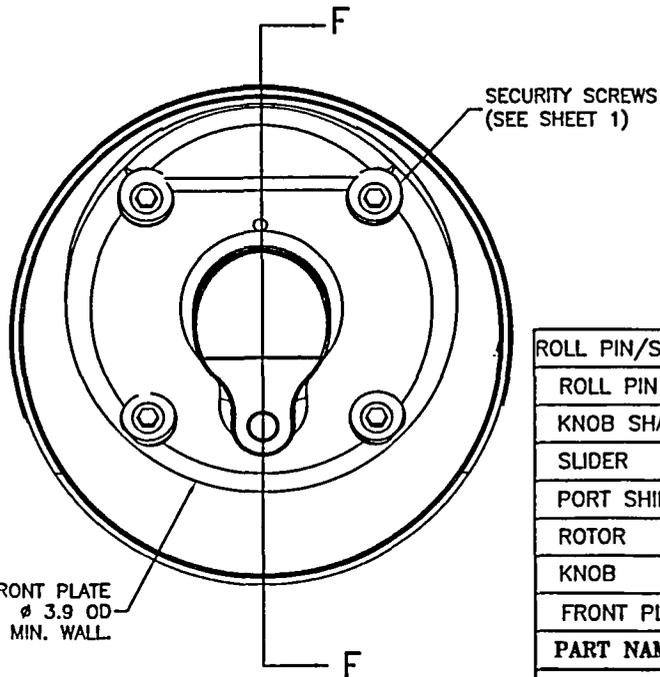
CONNECT POSITION
INSERT & ROTATE FITTING
TO RELEASE SLIDER.
PORT SHIELDED.



EXPOSE POSITION
ROTATE KNOB 50°
TO TURN ROTOR.
PORT OPEN.



SECTION F-F



FRONT PLATE ASSEMBLY

ROLL PIN/SET SCREW	1/1	302/303/304 STAINLESS STEEL
ROLL PIN	2	302/303/304 STAINLESS STEEL
KNOB SHAFT	1	BRASS
SLIDER	1	BRASS
PORT SHIELD	1	TUNGSTEN, NICKEL PLATED
ROTOR	1	304/304L/303/CF8 STN STL
KNOB	1	304/304L/303/CF8 STN STL
FRONT PLATE	1	304/304L/303/CF8 STN STL
PART NAME¹	QTY	MATERIAL



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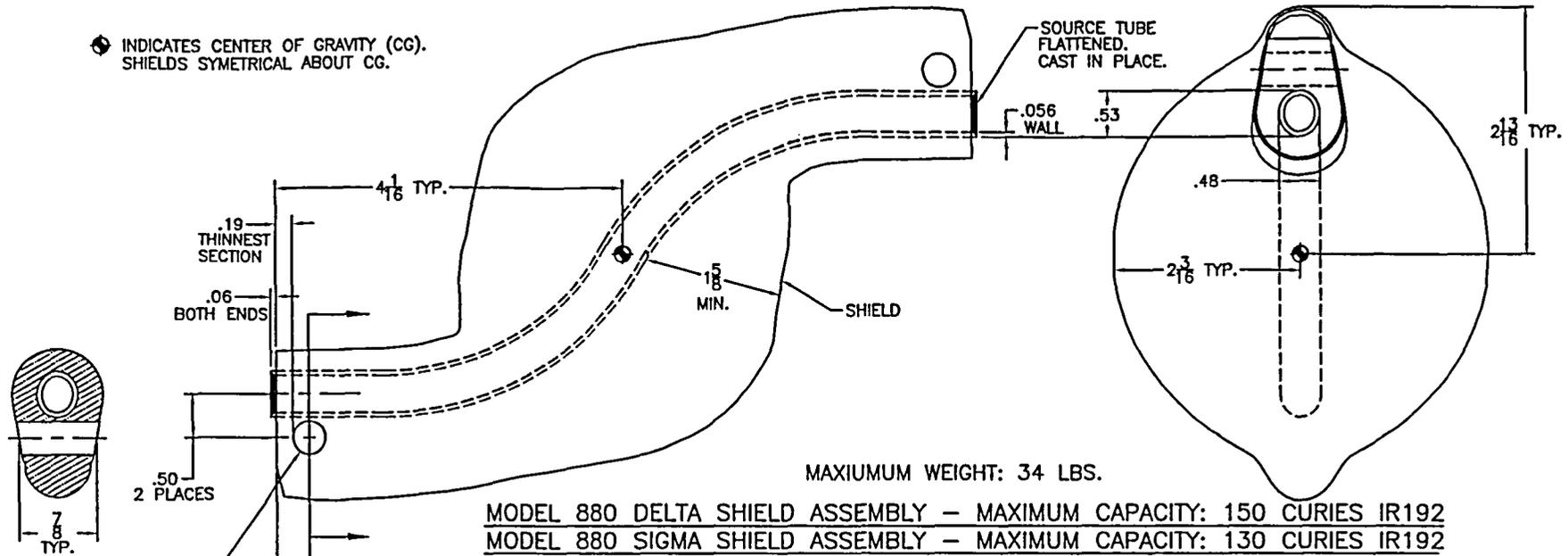
**DESCRIPTIVE
DRAWING**

DIMENSIONS IN INCHES
TOLERANCES:
FRACTIONS ±1/16
X ± 0.1
XX ± 0.01
XXX ± 0.005

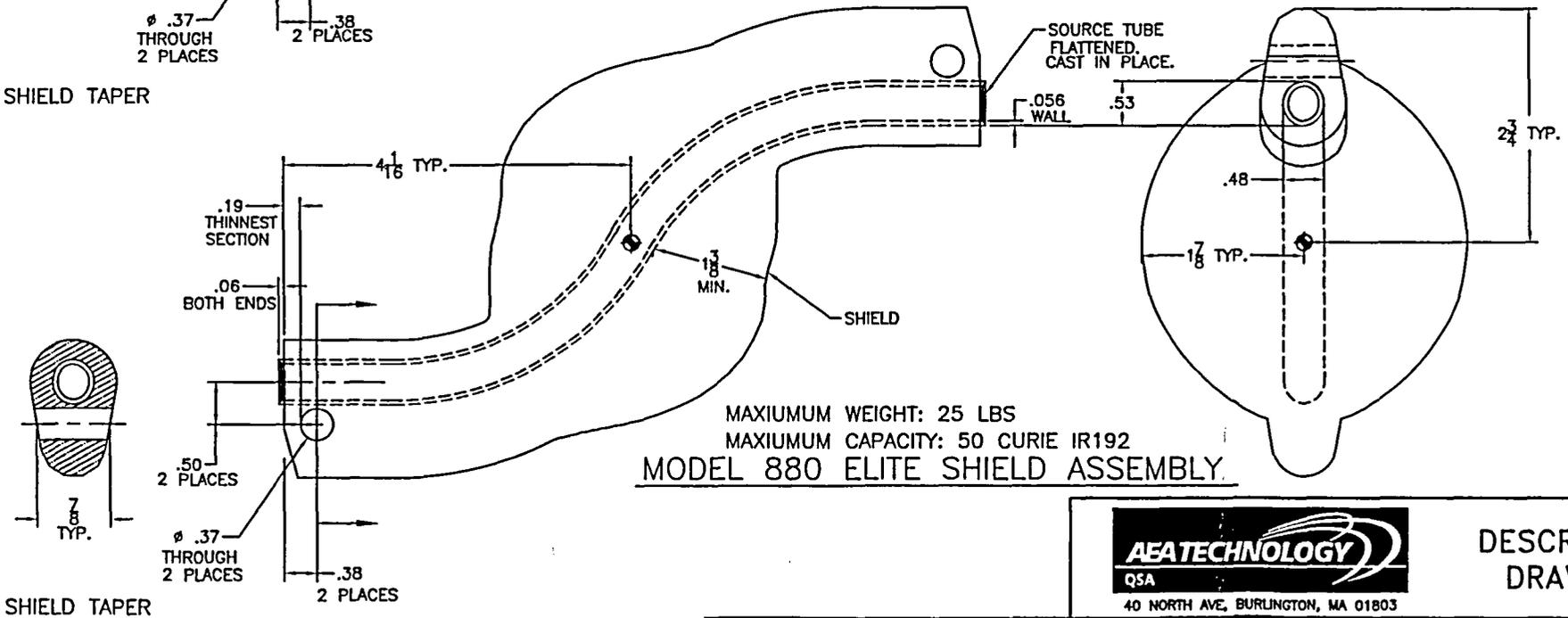
TITLE MODEL 880 PROJECTOR

SIZE A	DWG. NO. R88000	REV J
	SCALE: NONE	

⊙ INDICATES CENTER OF GRAVITY (CG).
SHIELDS SYMETRICAL ABOUT CG.



SHIELD TAPER



SHIELD TAPER



40 NORTH AVE, BURLINGTON, MA 01803

DESCRIPTIVE
DRAWING

PART NAME	QTY	MATERIAL
SOURCE TUBE	1	3AL-2.5V TITANIUM
SHIELD	1	DEPLETED URANIUM

DIMENSIONS IN INCHES
TOLERANCES:
FRACTIONS ±1/16
X ± 0.1
XX ± 0.01
XXX ± 0.005

TITLE MODEL 880 PROJECTOR

SIZE	DWG. NO. R88000	REV
A	SCALE: NONE	J
		SHEET 5 OF 5