



DCC Number: E 070284-00-D

Date Prepared: 11-08-07

Originator	Cognizant Engineer	Ext./Phone#	Project	Account Number
Rodica Martin	Rodica Martin	352-392-3776	ELIGO IO OPTICS CALTECH BAKE REO MIRRORS 2	

Dwg/Part Number	Rev	Part Description / Material	Serial Number	Qty
E070162-00		REO ELIGO MIRROR#1, 45 DEG AOI, LOT# I0EG1, RUN#S4-742 / FUSED SILICA	04, 05, 06, 07, 09, 10, 12, 13, 19, 20	10

Used In (next higher assembly):	ELIGO IO FARADAY ISOLATOR
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Vendor Name	PO/Contract Number
REO	1636-0000001139

Data Package, Receiving/Inspection Remarks:

Inspection Required Y/N	Visual Damage Y/N	Comments	Name/ Initials	Date Comp.
N				

Process Flow:

#	Operation	Start Date	Work Area	Instructions	Name/ Initials	Date Comp.
1	Clean			Per E000007-00 (REVISED), Class A		
2	Vacuum Bake			Per E960022-B, Class A, 120C for 48 hours		
3	Control Point			Review/Approve RGA scan		
4	Wrap & Tag vacuum clean parts			Wrap each optic in lint free lens tissue, then twice in UHV foil and place in ameristat bag. Put this bag in a second ameristat bag. Place bag in padded strong cardboard box, tight enough that it does not rattle inside and FedEx to LHO.		

N.B.: A copy of this traveller must be submitted to the DCC each time the original is shipped with the associated part(s) and when the traveller has been completed.



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#	Operation	Start Date	Work Area	Instructions	Name/ Initials	Date Comp.
5	Ship and Deliver/File paperwork			Please send to: BETSY BLAND LIGO Hanford Laboratory 127124 North Route 10 Richland, WA 99354 (509) 372-8191 Store all parts in the IO section of the clean LHO optics lab. File one copy of traveler with the DCC. Note: Ship original traveler with these parts.		
END: Go to Traveler or procedure associated with next higher assembly processing						

Special Instructions (Handling/Packaging Constraints, Remarks, etc.) or Notes:

PLEASE DO NOT CLEAN ACORDING TO THE REVISION -00- OF E000007-00! WE ARE WAITING FOR VACUUM WAIVER

TO THE E000007-00 PROCEDURE FOR AR/HR COATED OPTICS. REQUESTED VARIANCE TO USE FIRST CONTACT AS CLEANING PRODUCT INSTEAD OF LIQUINOX.

PLEASE ADD SHIPPING INSURANCE FOR \$12,810.00, FABRICATION COST OF 10 MIRRORS.

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