DCC Number: E070329-00-D

	17		6	
ad	van	ce	dlig	go

Originator	Cognizant Eng	gineer	Ext./Phone#	Pro	ject		Account	Number
Luke Williams	Luke Willia	ms	352-328-6473	Process Traveler ELIG	0 L	HO FI Small Parts		
Dwg/Part Nu	mber R	ev		Part Description / Materi	al		Serial Number	Qty
D070528-00	0-D	E	LIGO IO FI LHO F	FR THIN SHIM	/	Aluminum 6061-		2
D070529-00)-D	T F	'6 'I IGO IO I HO FR'	ТНІСК ЅНІМ	/	Aluminum 6061-		2
D070472-00	0-D	T	6 6		/	Automation 0001-		6
D070530-00	0-D	E	LIGO IO FI FR PO	SITIONING SCREW	/	Phosphor Bronze		1
D070473-00)-D	E T	LIGO IO LHO FR	DUST SHIELD	/	Aluminum 6061-		1
D070474-00	0-D	F		C C A P	/	Phosphor Bronze		1
D070467-00)-D	E			/	Dhogphor Dronze		2
D070475-00)-D	E		TCC HOLDER	/	A luminum 6061		1
D070468-00)-D	г Т	6 6	100 HOLDER	/	Alumnum 0001-		2
D070531-00)-D	E	LIGO IO FI FR QU	JARTZ CAP	/	Aluminum 6061-		4
D070532-00)-D	F		EEVE LOCK	/	Aluminum 6061		4
D070533-00)-D	T	6 6		/	Anuminum 0001-		1
D070463-00)-D	E	LIGO IO FI HARD	APERTURE INSERT	/	Stainless Steel		2
		E	LIGO IO FI HARD	APERTURE LOCK RING	/	Phosphor Bronze		

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.

	DCC Number: E070329-00-D
advancedligo	Date Prepared: 11-29-07

	ELIGO IO FI LHO HARD APERTURE RISE	R / Aluminum 6061-T6	
	FI Hard Aperture	/ Aluminum 6061-T6	
Used In (next higher assembly):	ELIC	O IO LHO FI	
Ve	ndor Name	PO/Contr	act Number
	UF		

Data Package, Receiving/Inspection Remarks:

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

Process Flow:

#	Operation	Start Date	Work Area	Instructions	Name/ Initials	Date Comp.
1	Clean			Per E960022-B, 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			Wrap (UHV foil) and place in ameristat bags.		
	parts					

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.

	DCC Number: E070329-00-D
advancedligo	Date Prepared: 11-29-07

#	Operation	Start Date	Work Area	Instructions	Name/ Initials	Date Comp.	
5	Ship and Deliver/File			Please send with OVERNIGHT shipping to:			
	paperwork						
				Betsy Bland			
				LIGO Hanford Observatory			
				127124 North Route 10			
				Richland, WA 99354			
				File one copy of traveler with the DCC.			
				Note: Ship original traveler with these parts.			
EN	ND: Go to Traveler or procedure associated with next higher assembly processing						

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

Note: The dust shield and TGG holders are quite fragile. Please handle and package carefully. Please do not screw any cleaned parts together unless they are lubricated with clean methanol.

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.



For Help, press F1



For Help, press F1

Pressure Contribution from Flag Hydrocarbons

	40M Lab KGA Scan Kesults						
Job# C121307	Descr	Date: 12/13/2007					
	Oven	Used: C					
AMU 41	1.80E-16 amps	from RGA scan listing					
AMU 43	5.00E-16 amps	from RGA scan listing					
AMU 53	4.00E-17 amps	from RGA scan listing					
AMU 55	4.10E-17 amps	from RGA scan listing					
AMU 57	6.20E-17 amps	from RGA scan listing					
Sum Flag H/C AMUs	8.23E-16 amps						
Calib leak rate	2.36E-10 torr l/s	(Argon)					
AMU 40 (w/leak open)	1.00E-13 amps						
AMU 40 (background)	6.00E-15 amps						
Calib leak contributes	9.40E-14 amps	= (w/leak open) - (background))				
Flag H/C Outgassing	2.066E-12 torr l/s	a = (Sum Flag H/C AMUs) x (Ca	alib leak rate)/(Calib leak contrib.)				
Test item surf area	6.73E+03 cm2						
Normalized outgassing	3.07E-16 torr l/s	-cm2 = Flag H/C Outgassing/1	Fest item surf area				

Full description: Eligo FI Small Parts (see traveler E070329

Pre-scan bake: 120C for 48Hrs.