

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	CTR06-TLSCPHSG-MD-1	TELESCOPE HOUSING	1
2	-	TELESCOPE CIRCUIT BOARD	1
3	CTR06-SHIELD-MD-1	SHIELD	1
4	CTR06-PRGFTG-MD-1	PURGE FITTING	1
5	CTR06-PRGCR-MD-1	PURGE COVER	1
6	CTR06-FPRGCVR-MD-1	FRONT PURGE COVER	3
7	CTR06-TSTCVR-MD-1	TEST COVER	1
8	CTR06-ISLTRSHT-MD-1	G-10 ISOLATOR SHEET	1
9	CTR06-LRGTEP-MA-1	LARGE TEP ASSY	1
10	CTR06-SMTEP-MA-1	SMALL TEP ASSY	1
11	CTR06-D1D2SET-MA-1	d1d2 Bottom Detector Set	1
12	CTR06-D3D4SET-MA-1	d3d4 Detector Stack	1
13	CTR06-D5D6SET-MA-1	d5d6 Top Detector Set	1
14	HX-SHCS 0.086-56x0.25x0.25-N	SCREW, SOCKET HEAD #2-56 X .25	34
15	HX-SHCS 0.112-40x0.5x0.5-N	SCREW, SOCKET HEAD #4-40 X .5	8
16	HX-SHCS 0.086-56x0.3125x0.3125-N	SCREW, SOCKET HEAD #2-56 X .313	24
17	HX-SHCS 0.086-56x0.5x0.5-N	SCREW, SOCKET HEAD #2-56 X .5	4
18	CR-FHMT 0.112-40x0.25x0.25-N	SCREW, FLAT HEAD #4-40 X .25	2
19	CR-FHMT 0.086-56x0.3125x0.3125-N	SCREW, FLAT HEAD #2-56 X .313	4
20	MSHXNUT 0.086-56-S-N	NUT, #2-56	4

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES

TOLERANCES ARE:  
 .XX .XXX ANGLES  
 ±.03 ±.010 ±0°30'

DRAWN: A. LIN DATE: 9/26/06

MATERIAL: -

FINISH: -

USED ON: CRATER

**THE AEROSPACE CORPORATION**

TELESCOPE ASSY

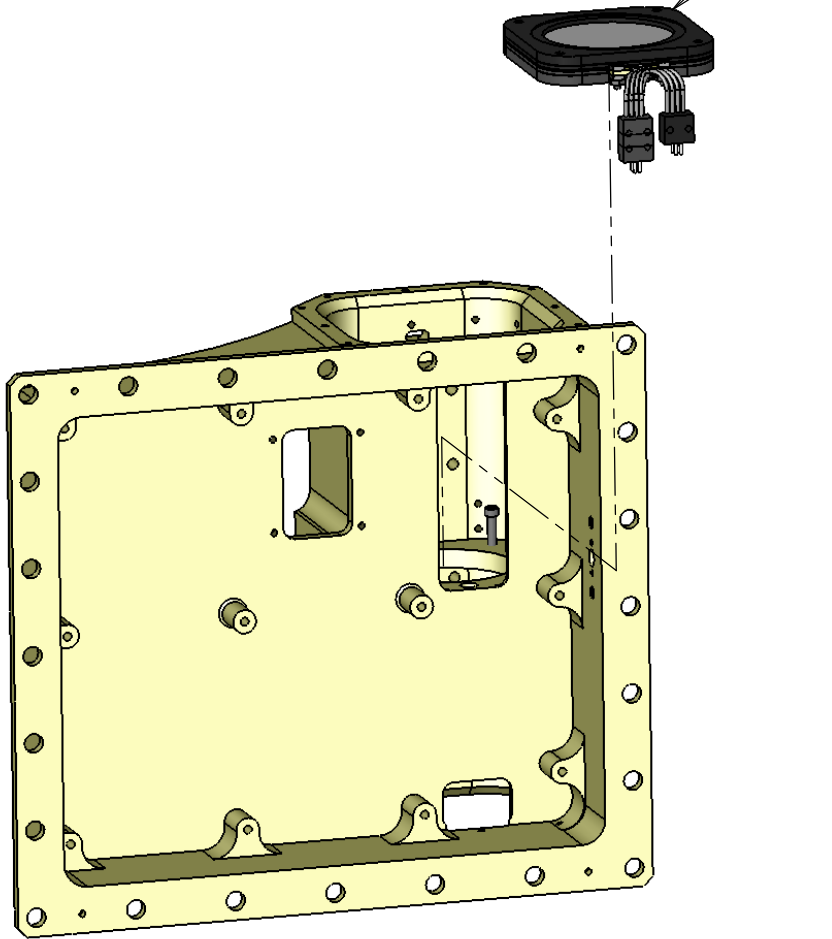
SIZE: C DWG. NO.: CTR06-TELESCP-MA-1 REV. -

SCALE: 2:3 DO NOT SCALE DRAWING SHEET 1 OF 3

d3d4 DETECTOR STACK

d4 (screw head side): 1000um Thick Detector Exx-2448-xxB


d3 (mount interface side): 140um thin detector Dxx-2452-xA

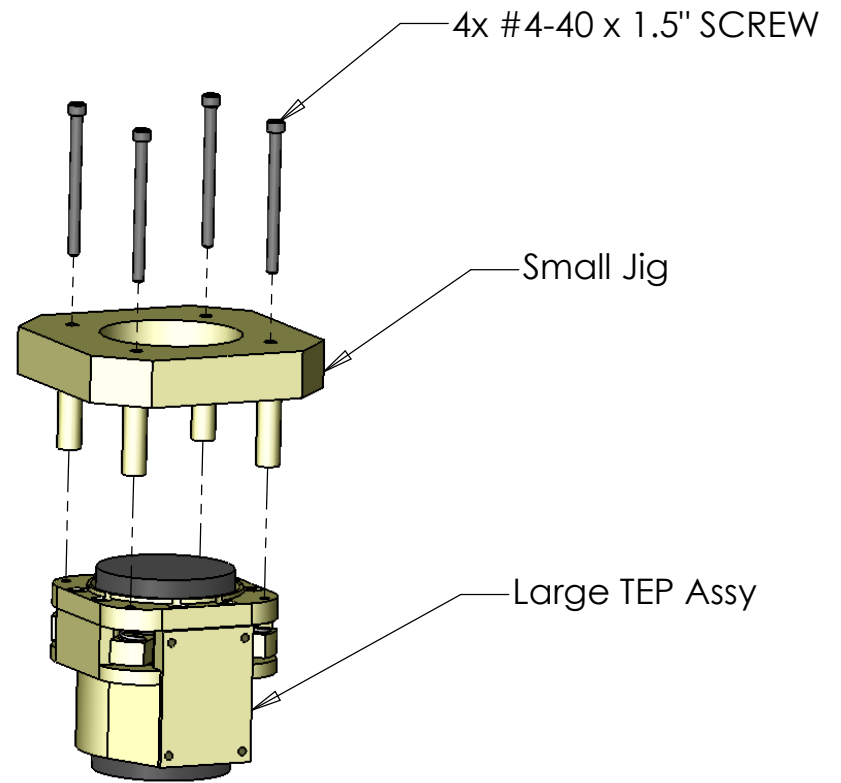
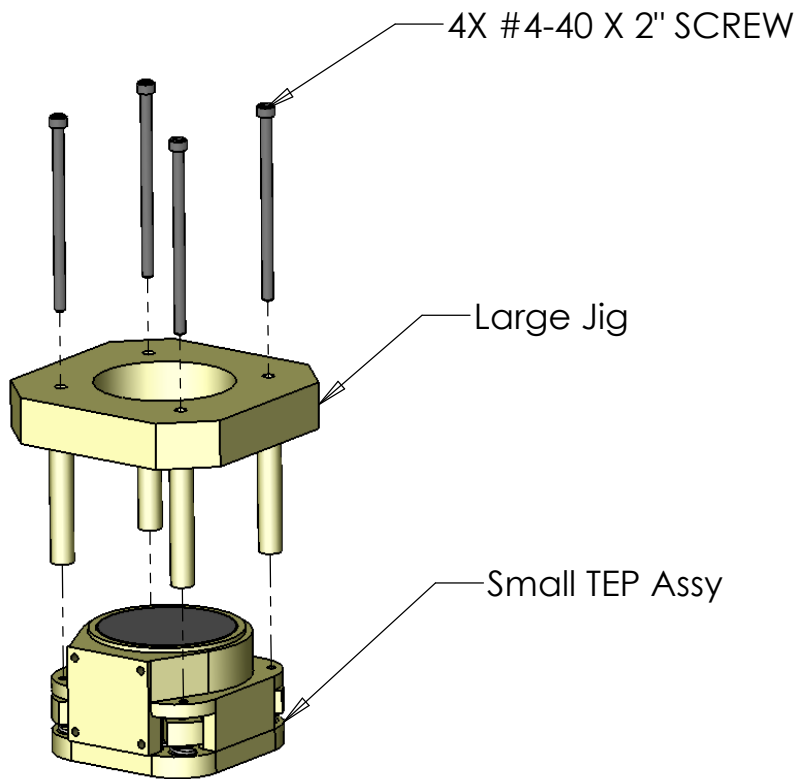


1. Make sure detectors are oriented correctly before mounting.
2. Insert detector stack through slot on circuit board side of housing.
3. Fasten detector assembly to housing.

ASSEMBLY INSTRUCTIONS

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	
TOLERANCES ARE:	
.XX	.XXX ANGLES
±.03	±.010 ±0°30'
DRAWN A LIN	DATE 9/26/06
MATERIAL -	
FINISH -	
USED ON CRATER	

 <b>THE AEROSPACE CORPORATION</b>		
TELESCOPE ASSY		
SIZE A	DWG. NO. CTR06-TELESCP-MA-1	REV.
SCALE 1:2	DO NOT SCALE DRAWING	SHEET 2 OF 3



1. Attach jigs to small and large TEP assemblies as shown.
2. The jig with the long legs mounts to the small TEP assembly.
3. The jig with the short legs mounts to the large TEP assembly.
4. Note the orientation of the TEP assemblies are different.

### ASSEMBLY INSTRUCTIONS

UNLESS OTHERWISE SPECIFIED  
DIMENSIONS ARE IN INCHES  
TOLERANCES ARE:

.XX .XXX ANGLES  
±.03 ±.010 ±0°30'

DRAWN DATE  
A LIN 9/26/06

MATERIAL  
-

FINISH  
-

USED ON  
CRATER



### TEP JIG ASSEMBLIES

SIZE A	DWG. NO. -	REV.
SCALE 1:2	DO NOT SCALE DRAWING	SHEET 3 OF 3