



**NOTES**

1. Attach gauze pads to swivel bolt contact faces prior to lens gluing.
2. Swivel bolts allow 10° swivel and can accommodate group assembly with either lens PFS2 or PFS4 at the bottom of the stack.
3. Lenses PFS2 and PFS3B have  $\varnothing 7.482$  while PFS3A and PFS4 have  $\varnothing 7.480$ .

ITEM	QTY	DESCRIPTION	PART NUMBER
13	6	SHCS 10-32 UNFx0.5	-
12	6	SHCS 10-32 UNFx0.75	-
11	6	Washer, ANSI A, Normal #10	-
10	12	Nylon Thumb Screw 10-32x2 MCM94323A835	-
9	3	Carr Lane Swivel Bolt CL-MF50-2501	-
8	3	Sylgard-184 RTV	-
7	1	PFS4 Lens	PFS01005
6	1	PFS3B Lens	PFS01004
5	1	PFS3A Lens	PFS01003
4	1	PFS2 Lens	PFS01002
3	3	Large Lens Gluing Radial Support Bar	PFS14003
2	3	Large Lens Gluing Support Block	PFS14002
1	1	Large Lens Gluing Fixture Base	PFS14001

Bill of Material

**THE OBSERVATORIES  
OF THE CARNEGIE INSTITUTION OF WASHINGTON**  
 813 Santa Barbara Street  
 Pasadena, CA 91101

MATERIAL		UNLESS OTHERWISE SPECIFIED FRACTIONAL DECIMAL ANGULAR +/- 1/32 .XX +/- 0.01 +/- 0.1 DEG .XXX +/- 0.002 GOAL .XXX +/- 0.005 REQD BREAK SHARP EDGES MACHINED SURFACES 125√ ALL DIMENSIONS IN INCHES		
EST WEIGHT		9.3 lb (+14.6 w/ lenses)		
SCALE		1:3		
		P lanet F nder S pectrograph		Large Lens Gluing Fixture Assembly
DWN	CRANE	6/4/2006		
APVD		SHEET	DRAWING NUMBER	SHT 1 OF 1
	BY	DATE	A	PFS00014