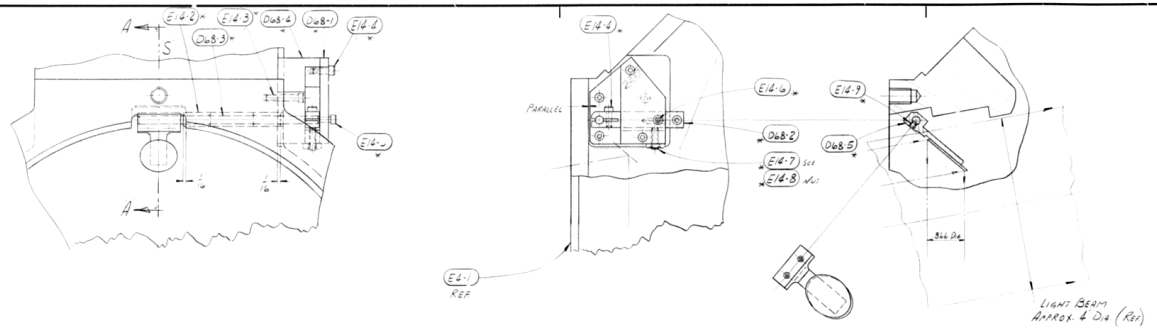
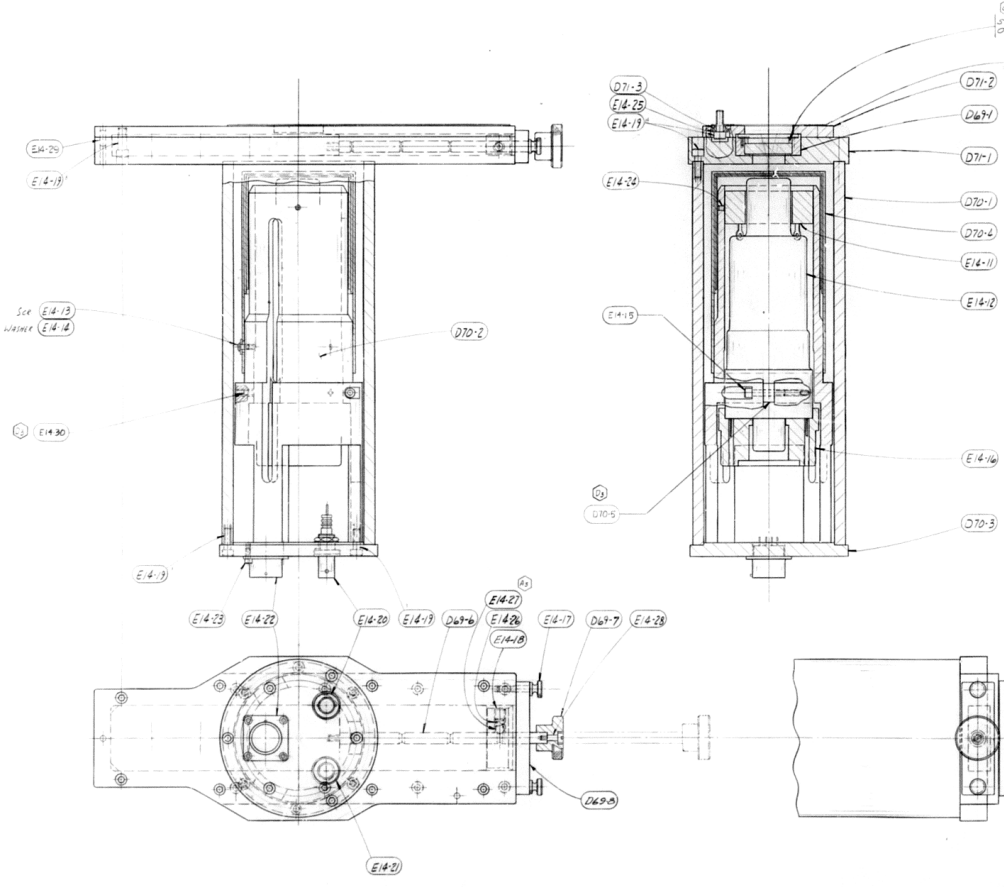


SECTION AA

BILL OF MATERIAL				SIZES OF MATERIAL NOTED DO NOT INCLUDE STOCK ALLOWANCE FOR MACHINING AND CUTTING OFF EXCEPT AS NOTED. THE SIZE SPECIFIES THE MATERIAL REQUIRED FOR ONE PIECE ONLY. QUANTITIES NOTED ARE THE TOTAL NUMBER REQUIRED.	
ITEM	DWG. NO.	QTY.	MATERIAL	DESCRIPTION	WEIGHT
E14-		1		EXPOSURE METER ASS'Y	
E14-2		2	Dial-ett Bracket	Pic # 310-B ⅛ x ½ x 0.062 x 7/16 LG	
3		3	STL	Soc Hd Cap Scr #5-40 x ¾	
4		3	STL	" x ¾	
5			STL	" x ½	
6		1	STAINLESS STL	Vlier #11B4TM (1/4 x 1/4 DIA) SLEEVE	
7		1	STL	Soc Set Scr #6-32 x ¼	
8		1	BRASS	Hex Nut #6-32	
9		2	STL	Soc Set Scr #5-40 x ¼	
10		1	Bendix #40579 Hydraulic Lock 2-way OR 4-way		
11		1	ITT Industrial Lab # FW 315 Deflection Yoke		
12			" FW 130 Multiplier Phototube		
13		4	STL	Soc Button Hd Cap Scr #2-56 x ¼	
14		3	BRASS	Flat Washer #2	
15		1	STAINLESS STL	Soc Hd Cap Scr #6-32 x ¾	
16			JEDEC B-20-102 80 Pin Base Oxidized		
17		2	BRASS	Thumb Scr #6-32 x ¼	
18		1	STAINLESS STL	8-32 x ¾ 60° Csk Hd Set Scr	
19		2.5	STAINLESS STL	Soc Hd Cap Scr #8-32 x ½	
20		1	Gage 35372-3451-1	High Voltage BNC Connector	
21		1	"	UG-1054-U Connector	
22		1	Bendix # PTO2P	-11-85 Connector (8 Socket)	
23		4	STAINLESS STL	Soc Hd Cap Scr #2-40 x ¼	
24		1	"	Soc Set Scr #2-40 x ⅛	
25		8	BRASS	Flat Washer #6	
26		1	MUSIC WIRE	SPRING TO SUIT	
27		1	STAINLESS STEEL	BALL ⅛ DIA	
D68-	1			COVER -- EXPOSURE METER MIRROR HANDLE	
	2	1		HANDLE -- EXPOSURE METER MIRROR	
	3	1		SHAFT	
	4	1		SLEEK	
	5	1		ASS'Y -- EXPOSURE METER MIRROR	
	8	2		KEY	
E14-28		1	Pic # 3/32 SHOULDER SCR.	1/8 DIA SHOULDER X #6-40 THD	
D67-		1		ASS'Y -- FILTER HOLDER	
	6	1		PUSH ROD	
	7	1		PUSH KNOB	
	8	1		FILTER HOLDER END PL	
	9	1		LENS RETAINER	
	10	1		LENS CELL	
	11	1		CELL HOLDER	
E14-29		2	STL	⅛ DIA x ⅜ DOWELS	
E14-30		3	STAINLESS STEEL NO MAR	SOC HD SET SCREW #8-32 X 15/64 LG	
D70-		1		FUSE PAIR	
	2	1		FUSE HOLDER	
	3	1		END PL	
	4	1		SHIELD	
	5	1		SPACER	
D71-1		1		FILTER SLIDE HOLDER	
	2	1		BASE PL	
	3	8		BUTTONS	
	4	1		GASKET	

SEE INDIVIDUAL DETAIL OF PARTS FOR MAT'L REQ'D FOR FABRICATION

ITEMS INDICATED THUS: * REMAIN ON INSTRUMENT BUT ARE NOT NOW USED 23 FEB 68



E14- EXPOSURE METER ASS'Y
NO. REQ'D: 1

PROJECT DWGS

2028.01 - E14
- E15
- D68
- D69
- D70
- D71

2090

FOR ASSEMBLY SEE 2028.01-E1

D5	ADDED ITEM D70-5 & E14-30		
D4	DELETED WA CHANGED 11, CHOOSER DI & VARIOUS	[illegible]	3-12
D3	DELETED 2028.01 E15-1 REF	[illegible]	[illegible]
C3	ADDED NOTE	[illegible]	[illegible]
C2	ADDED NEXT ASSY. SEE 2028.01-E1	[illegible]	[illegible]
C1	REMOVED ITEM D68-8 FROM NO 1 ASY	8-28-71	[illegible]
B	REV AS BUILT SCR ORDI	7-15-69	[illegible]
A3	ADDED 8/8/68 -28.8 [illegible]		
A2	CHANGED E14-10, D69-1, -11, -11		
A1	ADDED NOTE	23 FEB 68	

QUANT.	PRINT RECORD	DATE	NO.	REVISION	DATE	BY

TOLERANCES UNLESS OTHERWISE NOTED
DECIMAL DIMENSIONS UP TO 3 PLACES ±.005 ± .000
FRACTIONAL DIMENSIONS UP TO 18" ± 1/64 18" TO 60" ± 1/32 60" & OVER ± 1/16
BREAK SHARP EDGES
ALL SURFACES TO HAVE 125 / FINISH UNLESS OTHERWISE NOTED

KITT PEAK NATIONAL OBSERVATORY
OPERATED BY THE ASSOCIATION OF UNIVERSITIES FOR RESEARCH IN ASTRONOMY, INC. UNDER CONTRACT WITH NATIONAL SCIENCE FOUNDATION

84 TELESCOPE -- CASSEGRAIN SPECTROGRAPH

NAME: ASSEMBLY EXPOSURE METER (OUTER)

SCALE: FULL
PRINT ISSUED

DRAWING NUMBER: 2028.01 -E 14
REV. D

DRAWN BY: [illegible] DATE: [illegible]
CHECKED BY: [illegible] DATE: [illegible]
APPROVED BY: [illegible] DATE: [illegible]

D2 / 14659 C2