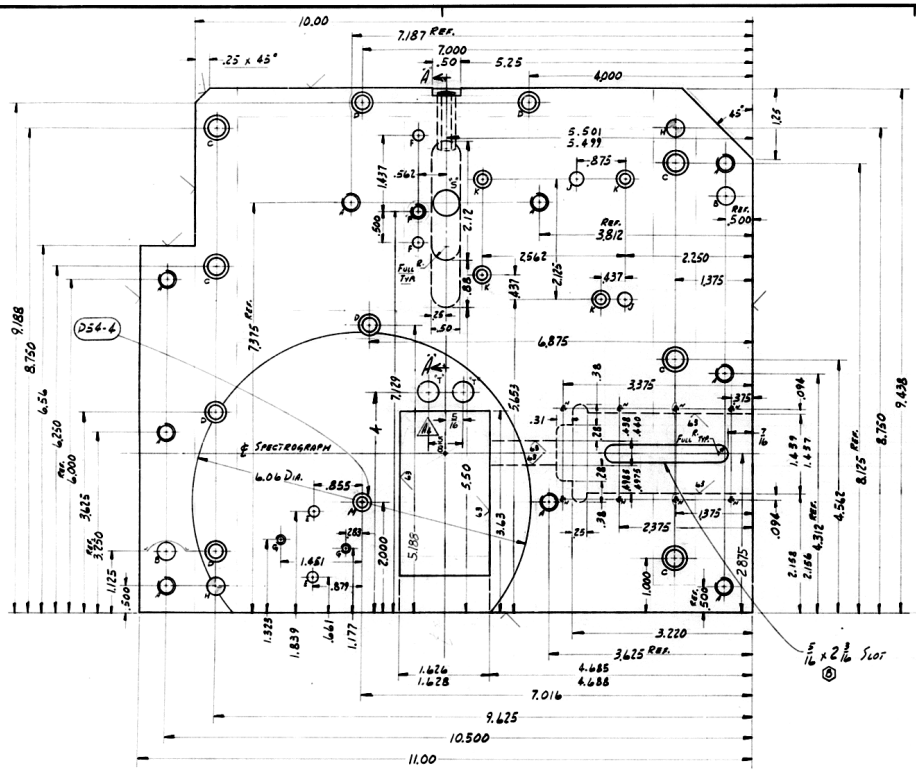
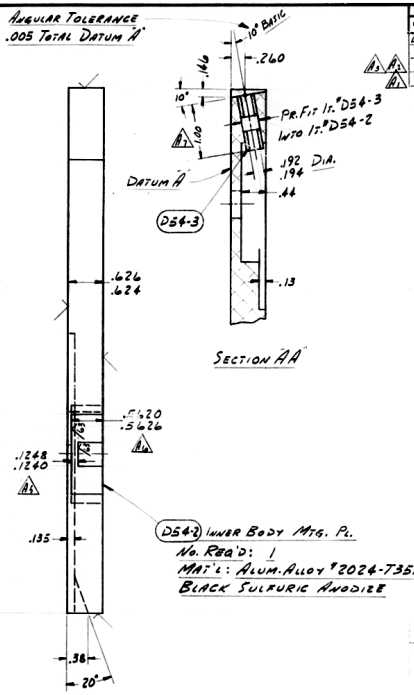




BILL OF MATERIAL

ITEM	DWG. NO.	QTY.	MATERIAL	DESCRIPTION	WEIGHT
D54-1		1	INNER BODY MTG. PL. ASS'Y		
2		1	ALUM. ALLOY #2024-T351 (T4)	.626 x 9.438 x 11.00	
3		1	BOST - BRONZE	BOSTON #B35-3 BEARING	
4		1	OIL-LESS BRONZE	NO. #B10-6 BEARING	

NOTE: SIZES OF MATERIAL LISTED DO NOT INCLUDE STOCK ALLOWANCE FOR MACHINING AND CUTTING OFF EXCEPT AS NOTED. THE SIZE LISTED IS THE MATERIAL REQUIRED FOR ONE PIECE ONLY. QUANTITIES NOTED ARE THE TOTAL NUMBER REQUIRED

"A" HOLES
.257 DIA. THRU
5/16-18-UNC-2 THRD.
9-HOLES LOCATE AT ASS'Y FROM D46-1

"B" HOLES
SL. FIT FOR 5/16 DIA.
DOWEL PIN
LOCATE AT ASS'Y FROM IT. #D46-1
2-HOLES

"C" HOLES
9/32 (.368) DIA. THRU
A8 9/32 (.469) DIA. .320 DP.
5-HOLES

"D" HOLES
A10 13/64 (.266) DIA. THRU
9/32 (.406) DIA. .400 DP. FROM DATUM A SURFACE
5-HOLES

"E" HOLES
SL. FIT FOR 3/16 DIA.
DOWEL PIN (D5-5)
2-HOLES

"F" HOLES
SL. FIT FOR 5/16 DIA.
DOWEL PIN (D29-8)
2-HOLES

"G" HOLES
#29 (.136) DIA. THRU
8-32-UNC-2B THRD.
2-HOLES

"H" HOLES
PR. FIT FOR 5/16 DIA.
DOWEL PIN (E1-3)
2-HOLES

"J" HOLES
PR. FIT FOR 1/4 DIA.
DOWEL PIN (D29-11)
2-HOLES

"K" HOLES
#1 (.228) DIA. THRU
.346 DIA. .200 DP.
6-HOLES

"S" HOLE
15/32 (.469) DIA. THRU.
1-HOLE

"T" HOLES
3/8 (.375) DIA. THRU
2-HOLES

"M" HOLE
O.D. = PR. FIT IT. #D54-6
INTO IT. #D54-2
I.D. = .188/.189
1-HOLE

"N" HOLES
#50 (.070) DIA. .32 DP. (FAR SIDE)
#2-56-UNC-2B THRD. .25 DP. (FAR SIDE)
8-HOLES

"P" HOLE
A11 3/32 (.281) DIA. THRU
3/32 (.406) DIA. 3/32 DP.
1-HOLE

D54-1 INNER BODY MOUNTING PLATE ASS'Y
No. REQ'D: 1

REMOVE ALL BURRS & SHARP EDGES UNLESS OTHERWISE SPECIFIED

TOLERANCES UNLESS OTHERWISE NOTED.
DECIMAL 00.00 ±.010 ANGLES ± 1/4°
.000 ±.005
FRACTIONAL—
FABRICATION: UP TO 10" ± 1/16; 10" TO 50" ± 1/8; 50" & OVER ± .5%; ⊥ .005"/INCH
MACHINING: UP TO 10" ± .015; 10" TO 50" ± .020; 50" & OVER ± .050; ⊥ .005"/INCH
MACHINED SURFACES ARE FINISHED TO 125 UNLESS OTHERWISE SPECIFIED.

QUANT.	PRINT RECORD	DATE

NO.	REVISION	DATE	BY
B	5/16 x 2 3/16 SLOT REPLACES 5/16 D. 2-HOLES & 3/8 D. 2-HOLES	6/6/65	PETRI
A10	1/4 DIA. WAS 9/32		
A9	9/32 DIA. THRU & 5/16 DIA. & DP. WAS 2-20 THRD.		
A7	ADDED 1.00 DIM.		
A5	ADDED .188/.189 DIA. & ADDED .5626 DIA. & .38 DIM.		
A4	.25 R. TYP. REM'D		
A3	BOSTON #B35-3 WAS #M35-8		
A2	MAT'L: BOST-BRONZ WAS BEARALBRONZ		
A1	IT. #D54-6 2 REQ'D WAS 1 REQ'D	24/6/65	PETRI

FOR NEXT ASS'Y SEE 2028.01-E1

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

DRAWN BY	PETRI	2-25-64
DESIGN BY	PETRI	2-25-64
APPROVED BY	[illegible]	[illegible]
SPEC. CONT.	[illegible]	[illegible]

NAME: INNER BODY MOUNTING PLATE ASS'Y
SCALE: FULL
DWG. NUMBER: 2028.01-D54
REV. B

FILE 2020