western GEAR CORPORATION : HEAVY MACHINERY DIVISION
EVERETT, WASHINGTON • TELEPHONE 206-259-9111

150 In. Stellar Telescope Mounting

BILL OF MATERIAL

QUANTITIES ARE FOR ONE UNIT

TITLE Horseshoe Assembly

DRAWN _____ CHECKED _____ DATE _____

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ASSEMBLY DWG. NO. W.G.N102901 ORIGINAL JOB NO. 2150.250 E002

PART NO.	DRAWING NO.	QTY.	DESCRIPTION	MAT'L	MAT'L SPEC	REQD CERTS C	P	H	C/C	N/D				WT. LBS.	REMARKS	PRODUCTION CONTROL MAT'L CLASS SS	SD	BO	PS	REQD DELIVERY QTY	REQ	QTY	REQ	QTY	REQ	QTY	REQ	CODE
93	COMML	4	Screw, Soc Hd, 3/8-16 UNC-2A x 2	STL	CAD PLATE																							
94	COMML	84	Screw, Hex Hd, Cap, 3/8-16 UNC-2A x 1 3/4	STL	CAD PLATE																							
95	COMML	30	Screw, Soc Hd, 3/8-16 UNC-2A x 1 3/4	STL	CAD PLATE																							
96	COMML	6	Screw, Hex Hd, Cap 7/16-14 UNC-2A x 2	STL	CAD PLATE																							
97	COMML	84	Screw, Soc Hd, 3/8-16 UNC-2A x 2 3/8	STL	CAD PLATE																							
98	COMML	4	Screw, Soc Hd, 7/16-14 UNC-2A x 7/8	STL	CAD PLATE																							
99	~~COMML~~	~~29~~	~~Screw, Soc Hd, 7/16-14 UNC-2A x 1 1/4~~	~~STL~~	~~CAD PLATE~~																							
100	~~COMML~~	~~4~~	~~Screw, Hex Hd, Cap, 7/16-14 UNC-2A x 6 1/8~~	~~STL~~	~~CAD PLATE~~																							
101	COMML	12 ~~8~~	Screw, HEX Hd, Cap, 1/2-13 UNC-2A x 1 5/8	STL	CAD PLATE																							
102	COMML	108 ~~25~~	Screw, Hex Hd, Cap, 1/2-13 UNC-2A x 2 1/2	STL	CAD PLATE																							
~~103~~	~~COMML~~	~~12~~	~~Screw, Flt Hd, 82°, 5/8-16 UNF-2A x 5/8~~	~~STL~~	~~CAD PLATE~~										CANCELLED 10/1/69													
~~104~~	~~COMML~~	~~16~~	~~Screw, Flt Hd, 82° 5/8-16 UNF-2A x 1 1/4~~	~~STL~~	~~CAD PLATE~~										CANCELLED 10/1/69													
105	COMML	2	Screw, Hex Hd, Cap 5/8-11 UNC-2A x 3	STL	CAD PLATE																							
106	COMML	54 ~~38~~	Screw, Soc Hd, 5/8-11 UNC-2A x 3 1/4	STL	CAD PLATE																							
107	COMML	2	ENCLOSURE: 1DJB1 & 1DJB2	STL	HOFFMAN NO. A-42N24B										SEE 2150.005E295 FOR TERMINAL BLOCK LOCATIONS													
108	COMML	40	TERMINAL BLOCK	SUPPLIED BY UPCSI											MARATHON SERIES 200 20 POINT SCREW TYPE PRESSURE SCREW													
109	COMML	8	TERMINAL BLOCK	SUPPLIED BY UPCSI											MARATHON SERIES 300 20 POINT SCREW TYPE PRESSURE SCREW													
~~110~~	~~COMML~~	~~10~~	~~Screw, Hex Hd, Cap, 1-8 UNC-2A x 3 1/2~~	~~STL~~	~~CAD PLATE~~										CANCELLED 10/1/69													
111	COMML	14 ~~30~~	Washer, Lock, Split, #4 Med.	STL	CAD PLATE																							
112	COMML	24	Washer, Lock, Split, #10 Med	STL	CAD PLATE																							
113	COMML	97 ~~4~~	Washer, Lock, Split, 1/4 Med.	STL	CAD PLATE																							
114	COMML	42	Washer, Lock, Split, 5/16 Med	STL	CAD PLATE																							
115	COMML	112 ~~[illegible]~~	Washer, Lock, Split, 3/8 Med.	STL	CAD PLATE																							
116	COMML	10 ~~30~~	Washer, Lock, Split, 7/16	STL	CAD PLATE																							

REF. FILE 1168

WESTERN GEAR CORPORATION
CONSTRUCTION PROJECTS DEPARTMENT
APPROVED FOR PROCUREMENT
DATE 10/13/69

DATE	REV.	DESCRIPTION	BY	DATE	REV.	DESCRIPTION	BY
2/20/69	A	PARTIAL REL SEE SHTS 1,3,&4	GR	8/24/70	E	SEE SHTS 2 & 8	
10/3/69	B	CANCELLED ITEMS 103, 104, 109 & 110		8/31/71	F	P/N 98 WAS 1 1/2 LONG	
12-17-69	C	SEE SH 2, 5 & 6	JGA		F	ADDED SHTS, P/N 108 WAS QTY 11, DELETED P/N 107 & 108, P/N 113 WAS QTY 35	
12-22-69	D	SEE SHT 5	JGL		F	P/N 113 WAS QTY 226	
					H	ADDED P/NS 108 & 109	
					G	P/N 113 WAS QTY 75 & ADDED P/N 107	JW 6-4-71

CERTIFICATION LEGEND
C CHEMICAL
P PHYSICAL
H HARDNESS
C/C CERTIFICATION OF CONFORMANCE

N/D NONDESTRUCTIVE TEST CONSISTING OF:
PT LIQUID PENETRANT INSPECTION
MT MAGNETIC PARTICLE INSPECTION
RT RADIOGRAPHIC INSPECTION
P PRESSURE TEST
UT ULTRASONIC TEST

DWG. NO. 2150.250 A002
W.G. C-112909
REV. G