WESTERN

GEAR CORPORATION — HEAVY MACHINERY DIVISION
EVERETT WASHINGTON — TELEPHONE 206-259-5111

150 IN. STELLAR TELESCOPE MOUNTING

BILL OF MATERIAL

QUANTITIES ARE FOR ONE UNIT

TITLE ASSEMBLY, CENTER SECTION

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DRAWN _____ CHECKED _____ DATE _____ ASSEMBLY DWG. NO. W.G.N102844 2150.280E002 ORIGINAL JOB NO. _____

PART NO.	DRAWING NO.	NO. REQ'D	DESCRIPTION	MAT'L	MAT'L SPEC	REQ'D 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
24	COMML	120	SCREW, HEX HD, 1/2-13 UNC-2A X 1 1/2 LG	STL CAD PL										NOTE: PARTIAL REL. ONLY													
25	COMML	56	SCREW, HEX HD, 3/4-10 UNC-2A X 2 3/4 LG	STL CAD PL										SEE NOTE, SHT 1 16 NOT USED													
26	COMML	102	SCREW, HEX HD, 1"-8 UNC-2A X 2 1/2 LG	STL CAD PL										(FINAL REL. 10/30/69) 28 NOT USED													
27	COMML	28	SCREW, SOC HD, 1 1/4-7 UNC-2A X 3 1/2 LG	STL CAD PL																							
28	COMML	12	NUT, HEX 3/8-16 UNC-2A	STL CAD PL																							
29	COMML	12	SCREW, HEX HD, 3/8-16 UNC-2A X 2 1/2 LG	STL CAD PL																							
30	COMML	2	SEAL											FLUROCARBON #RP34.375-FEP													
31	COMML	2	SEAL											FLUROCARBON #RP38.625-FEP													
32	COMML	8	FITTING, GREASE											ALEMITE NO. 1396													
~~33~~	~~COMML~~	~~1~~	~~CONDUCTOR BAR~~	~~CU-FE LAM.~~										~~INSUL-8-CORP. NO. 11011 367.75 LG., 117 DIA. (NO TANGENTS)~~													
~~34~~	~~COMML~~	~~1~~	~~CONDUCTOR BAR~~	~~CU-FE LAM.~~										~~INSUL-8-CORP. NO. 11011 376.92 LG., 120 DIA. (NO TANGENTS)~~													
~~35~~	~~COMML~~	~~1~~	~~CONDUCTOR BAR~~	~~CU-FE LAM.~~										~~INSUL-8-CORP. NO. 11011 386.34 LG., 123 DIA. (NO TANGENTS)~~													
~~36~~	~~COMML~~	~~1~~	~~CONDUCTOR BAR~~	~~CU-FE LAM.~~										~~INSUL-8-CORP. NO. 11011 395.75 LG., 126 DIA. (NO TANGENTS)~~													
~~37~~	~~COMML~~	~~1~~	~~CONDUCTOR BAR~~	~~CU-FE LAM.~~										~~INSUL-8-CORP. NO. 11011 405.18 LG., 129 DIA. (NO TANGENTS)~~													
~~38~~	~~COMML~~	~~1~~	~~CONDUCTOR BAR~~	~~CU-FE LAM~~										~~INSUL-8-CORP. NO. 11011 414.60 LG., 132 DIA. (NO TANGENTS)~~													
~~39~~	~~COMML~~	~~84~~	~~CLAMP, HANGER~~	~~STL~~										~~INSUL-8-CORP. NO. 11076~~													
~~40~~	~~COMML~~	~~7~~	~~POWER FEED~~											~~INSUL-8-CORP. NO. 11092~~													
41	COMML	64	SCREW, HEX HD, 3/8-16 UNC-2A X 1" LG	STL CAD PL										NOT USED													
42	COMML	100	WASHER, LOCK, SPLIT, HELICAL	STL CAD PL	1 1/4 MED.																						
43	COMML	102	WASHER, LOCK, SPLIT, HELICAL	STL CAD PL	1" MED.									NOT USED													
44	COMML	32	WASHER, LOCK, SPLIT, HELICAL	STL CAD PL	3/4 MED.									16 NOT USED													
45	COMML	120	WASHER, LOCK, SPLIT, HELICAL	STL CAD PL	1/2 MED.																						
46	COMML	64	WASHER, LOCK, SPLIT, HELICAL	STL CAD PL	3/8 MED.									NOT USED													
47	COMML	6	WASHER, LOCK, SPLIT, HELICAL	STL CAD PL	#10 MED.																						

DATE	REV.	DESCRIPTION	BY	DATE	REV.	DESCRIPTION	BY
9/30/68	A	ITEM #32 QTY 8 WAS 4			D	ITEM 30, 31 WAS BAL-SEAL	
2/20/69	B	ITEM#39 QTY WAS 46 & ITEM#40 QTY 7 WAS 6	PG			GRAPHITE FILLED TEF. #305	
10/30/69	C	FINAL RELEASE	JBR			REVISED INSUL-8-CORP P/NS ITEMS 33-40	
			DS		E	SEE SHT 4	
F	P/N 44 WAS QTY 56	3/30/71	JW	G	P/N 27 WAS HEX HD	5/11/71	JW
H	SEE SHT. 1A						

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

K.P.N.O. NO. 2150.280A002
DWG. NO.
W.G. C-112971

REF. FILE 1174
REV. T