WESTERN GEAR CORPORATION • HEAVY MACHINERY DIVISION
EVERETT, WASHINGTON • TELEPHONE 206-259-5111

150 INCH STELLAR TELESCOPE MOUNTING

BILL OF MATERIAL
QUANTITIES ARE FOR ONE UNIT

TITLE ASSEMBLY - DRIVE, ROTATIONAL

PAGE 1 OF 2

DRAWN Birkendahl CHECKED DATE

ASSEMBLY DWG. W.G.E.107675 ORIGINAL NO. 2150.283D302 JOB NO.

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
	2150.283D301	Ref	Outline												
	W.G.E.107676														
1	2150.283D303	1	Mount, Motor	STL								Fabrication			
	W.G.E.107677														
2	2150.283D304	1	Support, Bearing	STL								AISI C1018			
	W.G.E.107678														
3	2150.283C305	1	Shaft, Pinion	STL								AISI C1045 & Prec. Shafting			
	W.G.D.107437											.7500 +.0000 -.0005 Dia.			
4	2150.238B306	1	Spacer, Bearing	STL								AIS MT 1015			
	W.G.C.112447														
5	2150.283C307	1	Retainer, Bearing	STL								AISI C1018			
	W.G.D.107438														
7	2150.283B309	1	Spacer, Pinion	STL								AISI MT 1015			
	W.G.C.112457														
8	2150.283C310	1	Pinion	STL								AISI 4140			
	W.G.D.107439														
9	COMML	2	Ring, Retaining, External 3/4 Nom Dia	STL								Waldes - Kohinoor Inc. Part No. 5100-75 MF			
10	COMML	1	Key, 3/16 x 3/16 x 1	STL								Key Stock, Part No. AK6C			
11	COMML	1	Key, 3/16 x 3/16 x 1-1/2	STL								Key Stock, Part No. AK10C			
13	COMML	1	#VLMW118 - 300 - CU Gearmotor, Boston									1/16 HP 230/460 Vac 3 PH. 5.8 RPM		Assy "A" packed with grease and special non-vented breather	
14	COMML	2	Bearing, Ball, Radial, Shielded, 3/4 Nom Bore	STL								Nide Bearing Co. Part No. 1630DC			

WESTERN GEAR CORPORATION
CONSTRUCTION PROJECTS
DEPARTMENT
APPROVED FOR
PROCUREMENT
PG DATE 11-29-68

DATE	REV.	DESCRIPTION	BY	DATE	REV.	DESCRIPTION	BY
1/25/68	A	Revised per AURA approved print and general revisions					
1/22/69	B	OUTLINE W.G. NO. WAS 107 674	PG				

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

R F 1176

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. 2150.283A302

DWG. NO. W.G. C- 112950 REV. B

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PAGE 2 OF 2

DRAWN Birkendahl CHECKED DATE

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15	COMML	1	Heavy Springs									Hilliard Corp. Part No. DL4-1-322A 3/4 Bore, 3/16KW Both Ends			
16	COMML	6	Screw, Hex Hd, Cap	STL								Cad Plated 3/8-16UNC x 1-1/4			
17	COMML	10	UNC-2A x 3/4 Screw, Soc Hd. Cap, 10-24	STL								Cad Plated			
19	COMML	10	Washer, Lock, Split	STL								Cad Plated #10 Med.			
20	COMML	4	Washer, Lock, Split	STL								Cad Plated 3/8 Med.			

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DATE	REV.	DESCRIPTION	BY	DATE	REV.	DESCRIPTION	BY
11/25/68	A	SEE SHT 1 OF 2	PG				
1/22/69	B	SEE SHT 1 OF 2	PG				

CERTIFICATION LEGEND
C CHEMICAL
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N/D NONDESTRUCTIVE TEST CONSISTING OF:
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