2-9-7809

NO. REQ'D	DESCRIPTION	ITEM	MAT'L	MAT'L SPECS.	PATTERN NO. AND REMARKS
		30			
96	2½"-8N HEX NUT	29	STL.	COMM.	(FOR ITEM 23, 31, 33)
44	2½"-8N X 15½" STUD BOLT	28	STL.	COMM.	DWG BD-20-4 GRIP 9"
144	1½"-8N HEX NUT	27	STL.	COMM.	(FOR ITEM 26 & 36)
71	1½"-8N X 9½" STUD BOLT	26	STL.	COMM.	DWG BD-12-4 GRIP 5½"
8	2"-8N X 32" STUD BOLT	25	STL.	COMM.	DWG BD-16-4, GRIP 26"
4	2"-8N X 42" STUD BOLT	24	STL.	COMM.	DWG BD-16-4 GRIP 36"
24	2"-8N HEX NUT	23	STL.	COMM.	(FOR ITEMS 24 & 25)
2/2	BUSHING (SPLIT)	22	BRZ.	80-10-10	DWG # 6084-J-2
2/2	TRUNION BEARING	21	C.S.	A27-46T GR 60-30	PATT NO 17971 DWG # 6084-I-2
2/2	120" O.D. FLANGED & DISHED HEAD	20	P.S.	A285-49T 2"	E of D=108", T=2", ICR=7¼", SF=4½" IDD=20 15/16" OA=27 7/16" (8112#)
		19			
		18			
		17			
		16			
		15			
		14			
2	1½" TK. PLATE	13	P.S.	A283-49T-A	CUT FROM ITEM 11
4	1½" TK. PLATE	12	P.S.	A283-49T-A	CUT FROM ITEM 11
6	1½" TK. PLATE	11	P.S.	A283-49T-A	2 PCS. - 72" X 170" CUTS 36, 12 OF ITEM 12 & 6 OF ITEM 13 6 OF 11a 12 OF 11b 3 UNITS (10400#)
2	2" TK. PLATE	10	P.S.	A284-49T-A	1 PC. - 96" X 116" CUTS 6 PCS. FOR 3 UNITS (6600#)
4	3½" TK. PLATE	9	P.S.	A284-49T A	1 PC. - 73" X 138" CUTS 6. (9800#) 4 OF ITEM 9 & 2 OF ITEM 6
2	4½" TK. PLATE	8	P.S.	A284-49T A	1 PC. - 77" X 84" CUTS 6 PCS. FOR 3 UNITS (9300#)
4/4	5½" TK. PLATE	7	P.S.	A284-49T A	1 PC. - 6'-0" X 100" CUTS 4/4 (1 Piece)
2	3½" TK. PLATE	6	P.S.	A284-49T A	CUT FROM ITEM 9
2/2	HEAD	5			DEVELOPMENT
2/2	HEAD	4			WELD & STRESS RELIEVE
1/2	HEAD (WITHOUT GROOVE)	3			MACHINE
1/2	HEAD (WITH GROOVE)	2			MACHINE
1	ASSEM. HEAD	1			

NO. REQ'D	DESCRIPTION	ITEM	MAT'L.	MAT'L SPECS.	PATTERN NO. AND REMARKS
6	3" PLAIN WASHER	42	STL.	COMM.	
6	12" x 12" x ½" PLATE	41	T.S.	COMM.	1 PC. 12" x 225" CUTS 18 PCS. FOR 3 UNITS 5285-EL-4
6	3" DIA. x 48" LG. ANCHOR BOLT	40	H.R.S.	1020	72½ FT CUTS 18 PCS. 5285-EL-4 FOR 3 UNITS WITH NUT
4	#6 x 3½" LG. TAPER PIN	39	STL.	COMM.	
4	2½"-8N x 10½" STUD BOLT	38	STL.	COMM.	DWG. BD-20-4, GRIP 4½"
20	⅜"-16NC X 1¼" LG. SOC. HD. CAP SCREW	37	STL.	COMM.	"UNBRAKO" OR EQUAL
2	1⅛"-8N DOWEL BOLT - 7¾" LG.	36	STL.	COMM.	DWG BF-12-4 GRIP = 5½"
2	⅜" DIA. GASKET	35	RUBBER		13 FT. LONG (FOR VERT. FLG.)
2	⅜" DIA. GASKET	34	RUBBER		31 FT. LONG (FOR HORIZ. FLG.)
2	#14-B-9¾" TAPER PIN	33	C.D.S.	SAE 1020	DWG # 4842-OF-4
2	1½"-8N HEX NUT	32	STL.	COMM.	(FOR ITEM 33)
4	2½"-8N BOLT - 7¾" LG.	31	STL.	COMM.	GRIP 4¾" DRW. 4842-OR-4

NO. REQ'D FOR ONE UNIT	LIST OF PARTS
1	69687
	SHOP ORDERS
	MASTER NO. 3
3	NO. OF UNITS REQ'D

APPROVED

SUBJECT TO THE CONTRACT PROVISIONS AND CORRECTIONS WHICH MAY BE NOTED AGAINST THIS DRAWING. THIS APPROVAL RELEASES THE MANUFACTURER FROM RESPONSIBILITY FOR COMPLIANCE WITH SPECIFICATIONS, BUT INDICATES AGREEMENT WITH THE APPROVED DESIGN INCIDENT WITH THE MATERIAL TO BE FURNISHED. THE MANUFACTURER SHALL BE FULLY RESPONSIBLE FOR PROPER FIT OF PARTS OF HIS OWN MANUFACTURE, AND FOR CONFORMANCE WITH DIMENSIONS OF MATERIALS CLEARLY SET FORTH IN SUCH DRAWINGS AND/OR SPECIFICATIONS PREPARED FOR THIS WORK. APPROVAL DOES NOT CONSTITUTE ACCEPTANCE OF THE CORRECTNESS OF DIMENSIONS ORIGINATED BY THE MANUFACTURER IN CONNECTION WITH THIS WORK.

INTERNATIONAL ENGINEERING CO., INC.

By _____ Date SEP 24 1952

RECEIVED SEP 24 1952

SHOP NOTES

UNLESS OTHERWISE NOTED:
MACHINING TOLERANCES TO BE
± 1/64 ON FRACTIONAL DIMENSIONS
+ .0015 - .0005 FOR REAMED HOLES
+ .001 - .0005 FOR BORED HOLES
BREAK ALL CORNERS 1/64

SYMBOL ⊕ DENOTES REFERENCE DIMENSION

102118

DWG. NO.	CROSS REFERENCES
6084-J-2	PLUG & HEAD BUSHINGS
6084-I-2	LOWER HEAD TRUNNION BEARINGS
6084-H-1	LOWER HEAD DETAIL
6084-G-1	SECTIONAL PLAN
6084-F-1	SECTIONAL ASSEMBLY #2
6084-E-1	SECTIONAL ASSEMBLY #1
6084-T-1	PLATE LAYOUT
S.O. 69687	MORRISON-KNUDSEN AFGHANISTAN INC.

NO.	S. O.	REVISION	APPR'D	CH'K'D	DRAWN	DATE
IV	69687	ITEM 42 ADDED WITH NUT ADDED TO ITEM 40				
III	69687	ITEMS 40 & 41 ADDED				
II	69687	ITEM 11 REVISED TO READ 6 OF 11a 12 OF 11b				
I	69687	ITEMS 32 & 33 ADDED ITEMS 42 & 34 WERE 95 & 98 REQ'D				
			HES	JW	LLG	6-24-52
			EHM	JW	LLG	5-28-52
			EHM	JW	LLG	5-16-52
			CHM	JW	LLG	5-9-52
			CHM	JW	JW	3-21-52

S. MORGAN SMITH CO.,
YORK, PENNSYLVANIA, U. S. A.

BILL OF MATERIAL
LOWER HEAD
84" DIA. - 115 P.S.I. ROTOVALVE

SCALE

6084-C-2