REV	DESCRIPTION (ZONE — WAS — BY — DATE)
A	MK-5 WAS 7 REQ'D — MK-28 ADDED
B	(BM) MK-56 WAS CAT. NO 10277; MK-57 WAS CAT. NO. 10275
C	(BM) MK-57 WAS 1¼-7 X 3½ HEX HD CAP SCREW CAT. 68146 - ADDED MK-58 - MK-55 WAS 12 REQ'D 4/R
D	TITLE: WAS #790 REF. SHREDDER — SS
E	MK-56 WAS 378 - MK-61 WAS 8 REQ - ADDED MKS. WAS CAT 231652
F	MK-2 - WAS CAT. 231658 MK-3 - WAS CAT. 231659. RGSR.

SHEET NO. 251 E 015 X

QUAN.	MAT'L.	MK	DESCRIPTION	PAT. NO.	CAT. NO.	ORIG. DRG. MK
1		1	LOWER HOUSING COMP.		231649	251F008 8
1		2	PILLOW BLOCK COMP. "HELD"		231656	251F059 23
1		3	PILLOW BLOCK COMP. "FREE"		231657	251F059 24
4	A	4	5" MESH SCREEN GRATE		231629	251F009 8
1		5	OIL CIRCULATING SYSTEM (30 GAL)		231490	244F993
2		6	1¼ x 90° STD. ST. ELBOWS		27088	553431
			PLACE TO OUTSIDE OF HOUSING AND TO END AWAY FROM DIRECTION OF ROTATION OF SHREDDER.			
36		7	HAMMER (H.C)		231426	244E977 1
1		8	SPIDER ROTOR COMP.		231637	251F014 15
2		9	SCREEN BAR SPACER 1" TK.		231643	251AD54 1
3		10	SCREEN BAR SPACER ½" TK.		231644	251AD54 2
3		11	SCREEN BAR SPACER ¼" TK.		231645	251AD54 3
1		12	UPPER FRONT HSG. COMP.		231648	251F047 10
8		13	UPPER BREAKER PL LINER		231410	244D968 1
8		14	LOWER BREAKER PL LINER		231411	244D969 1
6		15	UPPER SIDE LINER		231413	244F971 1
2		16	UPPER FRONT SIDE LINER		231414	244F971 2
2		17	MIDDLE SIDE LINER		231415	244F971 3
2		18	UPPER BACK SIDE LINER		231416	244F971 4
2		19	FRONT SIDE LINER		231417	244F971 5
2		20	BACK HOUSING LINER		231418	244F971 6
4		21	LOWER SIDE LINER		231419	244F971 7
2		22	UPPER CENTER BREAKER PL LINER		231640	251D051 1
2		23	LOWER CENTER BREAKER PL LINER		231641	251D052 1
2		24	BEARING FILL		231642	251ED53 5
1		25	LOOSE SCREEN GRATE		231628	251F009 1
2		26	5" SPEC. SCREEN GRATE SECT.		231630	251FD11 8
1	B	27	UPPER BACK HOUSING COMP.		231651	251F056 26
3	A	28	9" MESH SCREEN GRATE		231758	251F101
		29				
2		30	HYDRAULIC CYLINDER		231442	244D989 8
3		31	HINGE PIN		231431	C231431 3
3		32	LOCKING PIN		231432	C231432 5
2		33	UPPER HYDRAULIC CYL. SPACER		231453	C231453
		34				
2	FOR MK. 283	35	TEMP. DETECTOR COMP.		231665	251A065
		36				
		37				
		38				
		39				
		40				
		41				
		42				
		43				
		44				
		45				
		46				
		47				
		48				
		49				
		50				
		51				
		52				

QUAN.	MAT'L.	MK	DESCRIPTION	PAT. NO.	CAT. NO.	ORIG. DRG. MK
24	FOR MKS 1 & 12	53	1¼-7 NC X 4½ HEX HD CAP SCR.		10279	561.321
24	FOR MKS 1 & 12	54	1¼-7 NC HEX NUT		63074	561.221
102	FOR MKS 53, 54, 57	55	1¼" SPRING LOCK WASHER		23363	561.731
60	FOR MKS 15 THRU 19	56	1¼-7 NC X 4" HEX HD CAP SCR GRADE 5		67368	561.321
80	FOR MKS 13-14-22-23	57	1½-6 NC X 4 HEX HD CAP SCR GRADE 5		68155	561.321
80		58	1½" SPRING LOCKWASHER		23365	561.731
		59				
8	FOR MKS 28 & 33	60	1½-6 X 18" HEX HD. MACH BOLT		228728	C228728 1
20	FOR MKS 28 & 33	61	1½-6 HEX NUT		63075	561.231
8	FOR MKS 28 & 33	62	1½-6 JAM NUT		63091	561.231
		63				
8	FOR MKS 30 & 33	64	1⅛-12 NF X 4" HEX HD. CAP SCR (UPPER PIVOT)		231464	C231464
8	FOR MK 30	65	1⅛" SPRING LOCK WASHER (UPPER PIVOT)		23362	561.731
8	FOR MK 30 LOWER PIV	66	⅞-9 NC X 3½ HEX HD CAP SCR		10203	561.321
8	FOR MK 30 LOWER PIV	67	⅞-9 NC HEX NUT		63072	561.221
8	FOR MK 30 LWR. PIVOT	68	⅞" SPRING LOCK WASHER		23360	561.731
12		69	1½ PLAIN WASHER		23383	561.711
12	FOR 12 & 27	70	1½-6 NC X 5½ HEX HD CAP SCREW - GR 5		68159	561.321
18	FOR 20 & 21	71	2"-4½ NC X 4 HEX HD CAP SCREW - GR #5		232923	C232923
18		72	2" HARDEN WASHER		423517	C423517
		73				
		74				
		75				
		76				
		77				
		78				
		79				
		80				
		81				
		82				
		83				
		84				
		85				
		86				
		87				
2		88	JEFFREY NAME PLATE		230400	C230400
2		89	NAME PLATE - HAMMERMILL		229034	C229034
2		90	ARMOR PLATE LABEL		230250	C230250
2		91	CAUTION PLATE - OIL		224034	C224034
24		92	#10 X 5/16 DRIVE SCREWS		63536	561.381
		93				
		94				
		95				
		96				
		97	PARTS LIST			251F050
		98				
		99				
		100	ASSEMBLY			251F010
		101				
		102				
X		103	MACHINE COMP (GR-1)		231653	

251 E 015 | SHEET NO. X

THE JEFFREY MFG. CO., COLUMBUS 16, OHIO, U.S.A.

MATERIAL LIST DESIGNATION

DIMENSIONS IN INCHES UNLESS OTHERWISE SPECIFIED
DIMENSION TOLERANCES UNLESS OTHERWISE SPECIFIED
KEYWAY TOLERANCES SEE STANDARDS BOOK SECTION 120.456
MACHINE WORK

BASIC DIMENSIONS	FRACTIONAL	DECIMAL
UP TO 6	±1/64	±.005
OVER 6 TO 24	±1/32	±.005
OVER 24	±1/16	±.010

STRUCTURAL WORK SEE STANDARDS BOOK SECTION 120.455
SCALE ~ DO NOT SCALE DRAWING WORK TO DIMENSIONS

TITLE: MATERIAL LIST #893 SHREDDER FOR

ESTIMATE OR ORDER NO. E671022W12

PRINT LOCATION

DRAWN	DATE	TRACED	DATE	DIRECTED
E.T. COLE				
CHECKED HUGO	DATE	CORRECT	DATE	APPROVED E.K. Krug

FOR METHODS CHECK — SEE
Drg. No.
Est. No.

THE JEFFREY MFG. CO., COLUMBUS 16, OHIO, U.S.A.
CRUSHER ENGINEERING DEPT.
DRAWING NUMBER 251 E 015 | SHEET NO. X

Form 922 HILLS CO.—10-5155—SC—10-67