NOTES: UNLESS OTHERWISE SPECIFIED
1. VOLTAGES MEASURED WITH 20,000 OHMS PER VOLTMETER, LINE VOLTAGE 115V, 60 CYCLES, 1 PHASE.
2. WIRE JUMPER FROM PIN 17 TO PIN 19 FOR SHUT POST ACTUATED AUTO TRANSFER (TBM) WIRE JUMPER PIN 2 TO PIN 9 FOR SHUT POST ACTUATED AUTO STARTING.

CARSTAN SPEED CONTROL (E6HE)

M — J4411 / 26-190-32

Pin	Signal	Wire
32	070056J1-17	20
31	J5031-13	22
30	070056J1-30	22
29	070056J1-15	22
28	070056J1-8	20
27	070056J1-7	20
26	J4393-8, 070069J1-23	22
25	J5031-16, J5031-31	22
24	TB6-2	22
23	J5031-32	22
22	070056J1-28	22
21	J5031-6, 070056J1-2	22
20	070056J1-1, J5031-5	22
19	J5031-4	22
18	J5031-3	22
17	J5031-2	22
16	J5031-1	22
15	J5031-9, 070069J1-15	22
14	F11	22
13	070069J1-3	22
12	070056J1-15, TB6-12	20
11	070069J1-9	22
10	070069J1-7	22
9	J4362-8	20
8	070069J1-8	20
7	F6	20
6	070069J1-6	20
5	F5	20
4	TB6-10	16
3	070J0J1-3	22
2	070J0J1-2	22
1	070J0J1-1	22

TB6 — 20-16G

Pin	Signal	Wire
3	070056J1-3	22
2	070056J1-4	22
1	070056J1-5	22
24	070056J1-26	22
23	070056J1-24	22
22	070056J1-25	22
21	070056J1-9, TB6-10	16
20	070056J1-8	16
19	J4411-2	20
18	TB6-7	16
17	J4411-4, TB6-14	16
16	070056J1-14	22
15	J4411-8	22
14	070056J1-11, TB6-11	22
13	J4411-10	22
12	J4411-9	22
11	070056J1-6, J5031-22	22
10	J4411-20	22
9	J4411-26, J5031-18	22
8	J5031-7	22

SPLIT POST: SPLIT TEIGGER POST; SPLIT TEIGGER POST; SPLIT POST OUTPUT

REEL SENSING (E0504): TAPE SENSE NO; TAPE SENSE NO; TAPE SENSE COMMON; GROUND; REMAINING TAPE METER; 28V DC; CUTOFF POWER

DATA LOCATOR (E0A049): GROUND; AUTO STOP; CAM CONTACT; CUTOFF POWER; RESET START; RESET END; REWIND RELAY; REWIND CONTACT; STOP RELAY; STOP CONTACT

P4112 U6-2020U — P1072

AUXILIARY FUNCTION (E0705GA000)

R — 070056J1 / 26-190-32

Pin	Signal	Wire
32	18	22
31	F7	22
30	F10	22
29	070J0J1-20	22
28	J4111-22, F12	22
27	070J0J1-18	22
26	TB6-15	22
25	TB6-17	22
24	J4111-29, TB6-16	22
23	070J0J1-23	22
22	J5031-28, TB6-7	22
21	J5031-26	22
20	J5031-21	22
19	070J0J1-19	22
18	TB6-18	22
17	J5031-16	22
16	J5031-25, J4111-32	20
15	J5031-24	20
14	J5031-24, J4111-29	22
13	TB6-9	22
12	J5031-11, J4111-12	20
11	070J0J1-8	22
10	070J0J1-7	22
9	J5031-23	22
8	J5031-19, TB6-14	16
7	J4111-30, TB6-12	22
6	070J0J1-22	22
5	TB6-8	22
4	070J0J1-2	22
3	TB6-19	22
2	TB6-20	22
1	J4111-21	22
32	J4111-20	22

HIGH A.C. POWER; MEDIUM A.C. POWER; LOW A.C. POWER; START TAKEUP POWER; SPARE; RUN TAKEUP POWER; TAPE SENSE COMMON; TAPE SENSE N.C.; TAPE SENSE N.O.; RUN HOLD BACK; CUTOFF POWER; RECORD RELAY; FAST TAKEUP POWER; SPLIT POST OUTPUT; SPARE; +22 TO +26 V DC; RUN RELAY; RUN INTERLOCK; STOP RELAY; 28 V DC RETURN; FORWARD RELAY; GROUND; METER; FAST FOWARD POWER; REWIND RELAY; 'IN' STOPPING; TEIGGER POST; TEIAGER POST; 120 IPS; 60 IPS

CONTROL PANEL (E0G003)

K — J5031 / 26-190-32

Pin	Signal	Wire
32	J4111-23, J4111-32	22
31	J4111-31	22
30	J4393-9	22
29	J4393-7	22
28	070J0J1-28, 070056J1-22	22
27	070J0J1-27	22
26	070J0J1-26, 070056J1-17	22
25	070J0J1-4, 070056J1-16	22
24	J4111-24, 070056J1-15	22
23	070J0J1-23, 070056J1-19	22
22	070J0J1-22, TB6-4	22
21	J5031-21	22
20	070J0J1-20	22
19	070J0J1-19, 070056J1-9	16
18	7T6-2B, 7T6-2B, J5031-8	22
17	J5031-17, J4111-32	20
16	070056J1-18, J4111-26	22
15	070J0J1-15	16
14	070J0J1-14	16
13	J4111-13, J4111-31	20
12	070J0J1-12, 070056J1-7	20
11	070J0J1-11, 070056J1-13	20
10	070J0J1-10	20
9	070J0J1-9, J4111-15	22
8	070J0J1-8	22
7	J4111-1, TB6-1	22
6	J4111-21, J4111-6	22
5	J4111-20, J4111-5	22
4	J4111-19, J4111-4	22
3	J4111-18, J4111-3	22
2	J4111-17, J4111-2	22
1	J4111-16, J4111-1	22

AUTO SPEED CHANGE; SEARCH STOP; EQUALIZER 'B'; EQUALIZER 'A'; CUTOFF POWER; STOP LAMP POWER; RECORD RELAY; RUN RELAY; RUN INTERLOCK; FORWARD RELAY; REWIND RELAY; FORWARD & REWIND RELAY; CUTOFF RELAY; GROUND; STOP RELAY; POWER HOLD; 115 V AC; 115 V AC SWITCH; SPEED CHANGE; +22 TO +26 V DC; 28 V DC RETURN; THERMAL RESET; SPARE; SPARE; STOP CONTACT; LAMP 6; LAMP 5; LAMP 4; LAMP 3; LAMP 2; LAMP 1

FUNCTION RELAY (E0701GA000)

J — 070100J1 / 26-190-32

Pin	Signal	Wire
32	J4362-8	22
31	J4393-10	22
30	J4411-80	22
29	J4411-79	22
28	J4111-28, J5031-28	22
27	J4111-27, J5031-27	22
26	J4111-26, J5031-26	22
25	J4111-25	22
24	J4111-24	22
23	J4111-23, J5031-23	22
22	J4111-22, J5031-22	22
21	J4111-21, J5031-21	22
20	J5031-20	22
19	J5031-19, J5031-18	22
18	J4111-18	22
17	J5031-17	22
16	J4111-16	22
15	J4411-15, J5031-15	16
14	J5031-14	16
13	J4411-13	16
12	J4411-12	20
11	J4411-11	20
10	J5031-10	20
9	J5031-9	20
8	J4111-8	22
7	J4111-7	22
6	J4111-6	22
5	J4111-5	22
4	J4111-4	22
3	J4111-3	22
2	J4111-2	22
1	J4111-1	22

EVENING TIME METER; SEARCH; TAKEUP MOTOR; CUTOFF POWER; STOP LAMP; RECORD SWITCH; RUN SWITCH; REWIND MOTOR; FORWARD & REWIND SWITCH; STOP SWITCH; GROUND; STOP SWITCH; POWER SWITCH; SPARE; 115 V AC; 115 V AC SWITCH; RECORD POWER OUT; 115 V AC SWITCH; +22 TO +26 V DC; 28 V DC RETURN; RECORD POWER OUT; CAPSTAN ACM RETURN; CAPSTAN RETURN; CAPSTAN POWER; SEARCH; SEARCH REVERSE; RUN SWITCH; TACHOMETER RELAY; 'IN' STOPPING; CAPSTAN FIELD

TACHOMETER

CAPSTAN GEAR HOUSING P1072 — U6-2020U — P4112

POWER SUPPLY

G — 070D0J1 / 26-190-32

Pin	Signal	Wire
32	070D0J1-16	22
31	SPARE	22
30	J4411-8, 070D0J1-30	22
29	070D0J1-29	22
28	070D0J1-28	22
27	070D0J1-27	22
26	J4411-18, 070D0J1-26	22
25	070D0J1-25	22
24	070D0J1-24	22
23	070D0J1-23	22
22	J4411-26	22
21	7B-111-26	22
20	SPARE	22
19	SPARE	22
18	F11	22
17	F10	22
16	070D0J1-17	22
15	070D0J1-15	22
14	J4362-6	22
13	J4111-15, J4362-3	22
12	J4362-4, 070D0J1-14	22
11	J5031-8	22
10	F9	22
9	J4111-11, 070D0J1-11	22
8	F8	22
7	F7	22
6	J4111-8	22
5	F6	22
4	J4111-6	22
3	F5	22
2	J4111-7, 070D0J1-4	22
1	F4	22
32	F3	22
31	F2	22

CYCLELOCK DEFEAT; CYCLELOCK DEFEAT; TAKEUP ARMATURE; TAKEUP ARMATURE; TAKEUP ARMATURE; TAKEUP ARMATURE; TAKEUP AC POWER; EDWIND ARMATURE; EDWIND ARMATURE; EDWIND ARMATURE CAPACITOR; EDWIND ARMATURE; EDWIND AC POWER; FAST PUSHOUT; EDW HOLD BACK; START TAKEUP POWER; FAST TAKEUP POWER; EDW TAKEUP POWER; EDWIND HOLD BACK; FAIL SAFE RELAY; FAIL SAFE RELAY; FAIL SAFE RELAY; FAIL SAFE RELAY; FAIL SAFE RELAY; THERMAL RESET; SPARE; COLLECTOR; BASE; REVERSE COUNT; FORWARD COUNT; GROUND; -140 V DC; +140 V DC; +280 V DC

Pin	Signal	Wire
22	070D0J1-29	22
22	070D0J1-19	22
22	070D0J1-18	22
22	070D0J1-14	22
22	070D0J1-10	22
22	070D0J1-11	22
22	070D0J1-7	22
22	070D0J1-6	22
22	070D0J1-5	22
22	070D0J1-3	22
22	070D0J1-2	22
22	070D0J1-1	22

F1/2 (SPARE) 3A; F3 (SPARE) 3A; F4 (LOW AC POWER) 070D6J1-30 3A; F5 (LOW DC) 070D0J1-12, J4111-12 3A; F6 (HIGH AC POWER) 070D6J1-31 4A; F7 (MEDIUM AC POWER) 070D6J1-31 4A; F8 (26.5 V AC) J4111-7 6A; F9 (8.8 V AC) J4111-6 6A; F10 (-140 V DC) 1A; F11 (+140 V DC) 3A; F12 (+140 V DC) 3A; 070D0J1-8, J4111-12 (+280 V DC) 4A; 070D0J1-1

POWER SUPPLY

MODULE HOUSING (E0H030)

F — J4304 / 26-4401-85

Pin	Signal	Wire
22	070D0J1-32	22
22	J4393-15	22
16	J4362-6, 070D9J1-16	16
22	J4362-5, J4111-1	16
22	J4362-4, 070D9J1-14	22
22	070D0J1-13	22
22	J4393-15	22
22	070D0J1-30	22
22	070D0J1-26	22
22	J4393-15, 070D0J1-25	22
22	070D0J1-24	22
22	070D0J1-23	22
22	J4393-15, 070D0J1-21	22
22	J5031-14	22
22	070D0J1-12	22
22	070D0J1-11	22
22	070D0J1-10	22
22	J4111-19, 070D0J1-19	22
22	070D0J1-18	22
22	070D0J1-17	22
22	070D0J1-16	22
22	070D0J1-15	22
22	070D0J1-14	22
22	070D0J1-13	22
22	070D0J1-12	22
22	070D0J1-11	22
22	070D0J1-10	22
22	070D0J1-9	22
22	070D0J1-8	22
22	070D0J1-7	22
22	070D0J1-6	22
22	070D0J1-5	22
22	070D0J1-4	22
22	070D0J1-3	22
22	070D0J1-2	22
22	070D0J1-1	22

EVENING TIME METER; CUTOFF POWER; A.C. COMMON; GROUND; 115 V AC SWITCH; RECORD SWITCH; RUN RELAY; RECORD SWITCH

FAIL SAFE UNIT (E1004H)

J4411 / 26-4402-165

Pin	Signal	Wire
16	J4362-6, J4111-2	16
22	FL070D0J1-15	22
22	070D0J1-24	22
22	070D0J1-16	22
22	F3	22
22	J4393-11	22
22	J4111-18	22
22	070D0J1-29	22
22	070D0J1-30	22
22	070D0J1-12	22
22	070D0J1-16	22
22	070D0J1-15	22
22	070D0J1-14	22
22	070D0J1-13	22
22	070D0J1-12	22
22	070D0J1-11	22
22	070D0J1-10	22
22	070D0J1-9	22
22	070D0J1-8	22
22	070D0J1-7	22
22	070D0J1-6	22
22	070D0J1-5	22
22	070D0J1-4	22
22	070D0J1-3	22
22	070D0J1-2	22
22	070D0J1-1	22

AC COMMON; 115 V AC; EDWIND MOTOR; EDWIND MOTOR RETURN; +180 V DC; +22 TO +26 V DC; FAIL SWITCH; 28 V DC RETURN; TAKEUP MOTOR RETURN; GROUND; POWER FAIL; FIELD COMMON; SENSE REVERSE; SENSE FORWARD; TAKEUP FIELD; EDWIND FIELD

ANALOG SYNCHECOLIZER (E0H039)

J4391 / 26-4401-163

Pin	Signal	Wire
22	J4362-7, J4111-24	16
22	J4362-2, J4111-23	16
22	J4411-7, J4362-5	16
22	J4111-32	13
22	J4111-32	13
22	J4111-11, J4111-11	13
22	070D0J1-31	10
22	J5031-30	10
22	J4111-26	10
22	J5031-29	7
22	J4111-6	6
22	J4111-5	6
22	J4111-4	6
22	J4111-3	6
22	J4111-2	6
22	J4111-1	6

CUTOFF POWER; EDW. RELAY; GROUND; SPEED CHANGE; +22 TO +26 V DC; 28 V DC RETURN; SEARCH; EQUALIZER 'B'; EQUALIZER 'A'; SPEED EQUALIZER; SPEED EQUALIZER; SPEED EQUALIZER; SPEED EQUALIZER; SPEED EQUALIZER; SPEED EQUALIZER

REMOTE CONTROL (E0H017, E0G017 & E0701TA000)

C — J4131 / 26-4401-325

Pin	Signal	Wire
22	J5031-32	22
22	J5031-31	22
22	070J0J1-8	22
22	070J0J1-26	22
22	J4393-15, 070J0J1-25	22
22	J5031-24	22
22	070J0J1-23	22
22	070J0J1-22	22
22	070J0J1-21	22
22	070J0J1-20	22
22	J4111-19, 070J0J1-19	22
22	7B6-3	20
22	J4111-14	19
16	J4111-10, 070J0J1-18	16
22	070J0J1-17	22
22	070J0J1-16	22
22	070J0J1-15	22
22	070J0J1-14	22
22	070J0J1-13	22
22	070J0J1-12	22
22	070J0J1-11	22
22	070J0J1-10	22
22	070J0J1-9	22
22	070J0J1-8	22
22	070J0J1-7	22
22	070J0J1-6	22
22	070J0J1-5	22
22	070J0J1-4	22
22	070J0J1-3	22
22	070J0J1-2	22
22	070J0J1-1	22

AUTO SPEED CHANGE; SEARCH STOP; TAPE METER; TAPE SENSE; CUTOFF POWER; STOP LAMP POWER; RECORD RELAY; RUN RELAY; RUN INTERLOCK; FORWARD RELAY; REWIND RELAY; FORWARD & REWIND RELAY; REWIND CONTACT; GROUND; STOP RELAY; SEARCH; REVERSE COUNT; FORWARD COUNT; SEARCH REVERSE; SPEED CHANGE; +22 TO +26 V DC; 28 V DC RETURN; RESET START; RESET END; CAM CONTACT; STOP CONTACT; LAMP 6; LAMP 5; LAMP 4; LAMP 3; LAMP 2; LAMP 1

CYCLELOCK HOUSING (E0B036)

J4362 / 26-4402-85

Pin	Signal	Wire
8	J4111-9	22
7		
6	J4302-8, J4111-16	16
5	J4302-5, J4393-16	16
4	J4302-5	16
3	070D0J1-17	22
2	070D0J1-32	22
1	070D0J1-31	22

SYNCHECOLIZER SIGNAL; SHIELD; AC COMMON; GROUND; 115 V AC SWITCH; SPARE; RECORD INTERLOCK; RECORD INTERLOCK

POWER INPUT

J4131 / 7E6

Pin	Signal	Wire
3	F1	
2	J4411-16	16
1	J5304-5, J4171-15	16

115 V. AC; A.C. COMMON; GROUND

INPUT PLUG PANEL

HARNESS - TAPE TRANSPORT
SCHEM NO. E0T0135001 REV. B