

LOGISTICS DATA FORM

MCE Job # _____
 Date Received _____

Another Engineered Elevator Control Solution from MCE

Document No.: JER032
 Revision No.: 031121
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In order to better serve you and meet your schedule of shipment, this form must be completed and signed.

A. Delivery / Payment Schedule

	Delivery Date	Payment Date
CAR " " :	_____	_____
CAR " " :	_____	_____
CAR " " :	_____	_____
CAR " " :	_____	_____
CAR " " :	_____	_____
CAR " " :	_____	_____
CAR " " :	_____	_____
CAR " " :	_____	_____
CAR " " :	_____	_____
Group :	_____	_____
Other Delivery Instructions: _____		

C. Payment Schedule

Standard MCE terms of payment (normally net 30 days) apply to your order. If you require special terms of payment for this job, please fill out the following to explain and give specifics of building owner payments. PLEASE NOTE. MCE may request a copy of your contract before approving an alternative payment schedule:

Copy of Contract Attached? (if yes, please check)

B. Job Type (please circle)

Federal Government	Other Government
School/University	Hospital
Other	Private

D. Installation Information

Building Owner Representative: _____

Site Address: _____

Phone: _____

Signature _____

Printed Name & Title _____

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Thanks for your order! "Complete data will help us serve you better."

Timely delivery and trouble-free installation begins with these **Engineering Data Forms**. Your complete and accurate information is essential. On Yes or No questions, a non-response will be defined as an item that does not apply.

Please submit the entire six page set. The Hydraulic Data Form **replaces** the Traction Data Form. Use supplemental pages as needed.

Today's Date _____ Number of Cars _____

Job Name *please do not abbreviate*

Customer Job # _____ PO # _____

Contractor

Contact _____
 Phone _____ Fax _____
 Email Address _____
 Company _____
 Address _____
 City/State/Zip _____

Shipping Information

Contact _____
 Phone _____ Fax _____
 Company _____
 Address _____
 City/State/Zip _____
 Notice required: 24 hours 48 hours Other _____
 Lift gate truck: Y N

Consultant

Contact _____
 Phone _____ Fax _____
 Company _____

Does job have specifications? Y N
 Specifications being sent to MCE? Y N

Form Completed By

Name/Title _____
 Company _____
 Phone _____ Fax _____
 Signature _____

ELEVATOR SAFETY CODE COMPLIANCE

NOTE: Accurate information is essential as both hardware and software will be affected.

Job Location (City/State): _____
 Contract Date: _____

Scope of Project:

- New Construction Modernization

Duty:

- Passenger Service Freight

Units of Measure:

- English International (S.I./metric)

International

- Australia AS 1735
- Britain BS 5655/EN 81
- Canada CAN/CSA-B44-00
- Canada CAN/CSA-B44-94 w/97 Supplement
- Other _____

United States

- ASME A17.1-2000*

***Note: Traction elevators will require HW Rope Brake**

- ASME A17.1-1996

Addenda:

- 1997 1998* 1999 2000 (Check all that apply)

***Note: For 1998 Addendum on a multi-car installation, please provide details on machine room/hoistway configuration on page 6 or a separate sheet of paper.**

- ASME A17.1-1993

Addenda:

- 1994 1995 (Check all that apply)

- ASME A17.1-_____

(Specify code version and all applicable addenda)

Additional U.S. State/Local Code Compliance

- California
- Chicago..... IDPH
- Denver..... Pressurized Hoistway
- GSA
- Hawaii
- Houston..... Door Reopen Button (Fire Phase I)
- Massachusetts.. Mass. EMT Service
 List EMT car(s) _____
- Michigan..... Detroit
 2 Alternate Fire Return Floors
 Machine Room Sprinklered
- New York State.. New York City White Plains
 Nassau County
- Pennsylvania
- Seattle..... Number of Fire Phase One Sws.
 3 Position _____ 2 Position _____
- Washington DC
- Other _____

Additional Compliance Requirements

Explain _____

CONTROLLER DATA FORM

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PO # _____ Car Label(s) _____
 Job Name _____

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A. GENERAL INFORMATION

- ~ Y ~ N Machine Room Space Limitations
 - See MCE Specs for Controller Dimensions.

Machine Room Location:

Overhead Basement Other _____

Machine Room NEMA Rating:

1 12 4 4X

B. TYPE OF OPERATION

~ **SIMPLEX**

Home Landing # _____ Floor Label _____
 If none, car stays at last call answered.

- Selective collective
- SAPB Single Automatic Pushbutton
- SBC Single Button Collective
- SAPB/SBC: Specify Car Call Pushbutton Type
 - Single Pole Double Pole
 - Pole # 1 N/O N/C
 - Pole # 2 N/O N/C

~ **DUPLEX SELECTIVE COLLECTIVE**

Home Landing # _____ Floor Label _____
 Free car parking Ldg # _____ Floor Label _____
 If none, car stays at last call answered.
 Duplexing Cable Length _____ (allow 5' on each end for hook-up inside controller cabinet).

~ **GROUP AUTOMATIC**

Number of Cars _____
 Lobby Landing # _____ Floor Label _____
 Enclosure Type Standard Wall Mount (no CRT)
 Number of Risers _____
 Swing Car Operation Car(s) _____
 Grouping Cables Lengths _____
 Specify individual lengths for daisy chaining between all control cabinets (allow 5' on each end for hook-up inside controller cabinet).
 Cross Cancellation Panel
 ■ Existing Hall P/B schematics are required.

C. FIRE SERVICE OPERATION

~ **FIRE SERVICE PHASE ONE**

Main Landing # _____ Floor Label _____
 Doors that will Open Front Rear
 Type of Switch 3 Position 2 Position

~ Y ~ N Additional 2-position switch
 Specify Switch Location
 Landing # _____ Floor Label _____

~ Y ~ N Alternate Landing
 Landing # _____ Floor Label _____

Doors that will Open Front Rear

~ **FIRE SERVICE PHASE TWO**

Type of Switch 3 Position 2 Position

~ Y ~ N Call Cancel Button

D. OPERATING FEATURES

~ Y ~ N **Attendant Service**

Annunciator Panel in Car

~ Y ~ N **Car-to-Lobby Switch**

Park with Doors Open Closed
 Return Landing # _____ Floor Label _____

~ Y ~ N **Earthquake Service**

Code compliance: ASME Calif.
 Machine type: Drum Traction
 Seismic Switch
 Counterweight Derailment Device
 Car Adjacent to Counterweight Sensor
 Attendant audible/visual EQ Indicator
 Car to Operate on Fire or Hospital Service

~ Y ~ N **Emergency Power**

Em. Pwr. Contacts During Normal Power
 Open Closed
 Power Pre-Transfer Contact - 10 Sec Min
 Manual Select Switch
 Number of Positions _____ Labels _____

~ Y ~ N **Hoistway Access Operation**

Two Position Enable Sw. in COP Yes No
 Note: Two Pole Switches Required
 Top Access Switch Yes No
 Bottom Access Switch Yes No
 Other Access Landing # _____ Yes No

~ Y ~ N **Hospital Service**

At Landing # _____ Floor Label _____

~ Y ~ N **Independent Service**

Key Switch Location Hall Car
 Pre-Test Switch in Controller

~ Y ~ N **In-Car Inspection Switch**

Two Position Three Position
 In Car Insp. Using Top and Bottom Car Calls

~ Y ~ N **Load Weighing**

LW-MCEIP (Isolated Platform Elevators Only)
 K-Tech (By MCE)
 K-Tech (By Others) Model _____
 Other Brand _____ Model _____
 Discrete Switches for Load Weighing
 Anti-Nuisance Lobby Dispatch
 Hall Call Bypass Overload

~ Y ~ N **M/G Switch**

Location of Switch Car Hall
 Return Landing # _____ Floor Label _____

~ Y ~ N **Sabbath Operation**

~ Y ~ N **Security**

MCE Basic Security CRT BSI
 ACE Security (# of Users _____)
 Call Cut-Out Switches
 Keyed Card Reader Dry Contacts
 Car Call Cutout Hall Call Cutout
 Other Security, Specify _____

Bypass Security: Ind. Service Att. Service
 Other _____

HYDRAULIC DATA FORM

MCE Job # _____
 Date Received _____

PO # _____ Car Label(s) _____
 Job Name _____

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A. GENERAL INFORMATION

Line Voltage Available _____
 Line Voltage Measured _____

- AC 3 Phase AC 2 Phase AC Single Phase
 60 Hz 50 Hz

MOTOR STARTING

- WYE-DELTA
 ATL - Across the Line
 Solid State: 3/9 Lead Motor 6/12 Lead Motor
 Brand _____
 Model _____
 Part Winding, Increment Start
 Resistance (Wiring Diagrams Required)

NOTE: Retain Existing Resistor Grid

- Remote Starter Enclosure Required
 Customer Supplied Starter
 Remote
 Leave space inside controller

(Specify dimensions and location by sketching in section "C")

Additional charges will incur if coil voltage is other than 120VAC

- Other (Wiring Diagrams Required) _____

B. HYDRAULIC DATA

Pump Motor Existing New New By MCE

- ~ Y ~ N Multiple Motors
 If yes, Number of Motors _____
 Number of Disconnects _____
 Starting Sequential
 Simultaneous

~ Y ~ N Single Motor Operation Under Abnormal Conditions

Brand _____ HP _____ RPM _____

Type Dry Submersible

Full Load Amps _____

Number of Starts Per Hour _____

(If More than 80, Larger Starter Contactors will be Required)

Additional Nameplate Data _____

~ Y ~ N Single Motor Operation

Brand _____ HP _____ RPM _____

Type Dry Submersible

Full Load Amps _____

Number of Starts Per Hour _____

(If More than 80, Larger Starter Contactors will be Required)

Additional Nameplate Data _____

Valves - MCE Standard Valve Voltage is 120VAC

Additional charges will incur if valve voltages are other than 120VAC

Brand _____

Model _____

Number of Valves _____

Number of Coils per Valve _____

Voltage _____ AC DC

Features

Reverse Phase Sensor By MCE By Others

Viscosity Control

Low Oil Switch N/O N/C

Telescopic Piston - with Resynchronous Circuit

Roped Hydro

Battery Powered Lowering

GAL Rescuvator

Model # _____

Reynolds & Reynolds Powervator

By MCE By R & R/Others

RB-2 (120V single phase passenger doors)

HFP-220P (220V 3 phase passenger doors)

HFP-440P (440V 3 phase passenger doors)

HFP-220F (220V 3 phase freight doors)

HFP-440F (440V 3 phase freight doors)

Other (Wiring Diagrams Required) _____

Other _____

C. SPECIAL INSTRUCTIONS

DOOR DATA FORM

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A. DOOR OPERATION

- Fully Automatic
- Fully Manual
Please Complete Section D Only
- Automatic Gate w/Manual Doors
Please Complete Sections C & D Only
- Other _____

B. PASSENGER TYPE DOOR

NOTE: Please indicate make and model of door operator for which MCE should configure controller.

- ↻ New ↻ Existing**
- GAL MOD (230V)w/shunt motor GAL MOD (115V)
 - GAL MOD (230V)w/pm motor
 - GAL MOM/MOH w/shunt motor GAL MOPM-P/MOPM-PL
 - GAL MOM/MOH w/pm motor GAL MOCT/MOCTA (230V)
 - GAL MOCT/MOCTA (115V) GAL MOSVCL
 - GAL MODHA GAL MOA
 - GAL MODVC/MODHVC GAL MODCT (240V)
 - GAL MODCT (120V) GAL MOMVC/MOHVC
 - GAL MOVFR
 - MAC PM-SSC MAC Old Style
 - ECI 895 ECI 1000
 - ECI 2000 Dover DC62
 - Dover HD68 Dover HD70
 - Dover HD73 Dover HD91
 - Otis 6970A - Resistance Otis 6970A - Reactance
 - Otis 7300 Otis A7770A
 - Otis 7782AA Otis OVL
 - Atlantic/Vertisys Model _____
 - IPC Encore (closed loop) Delco (closed loop)
 - SMARTRAQ by MCE
 - OTHER (Wiring Diagrams Required) _____

C. DOOR FEATURES

Note: Door position monitoring contact is required for ASME A17.1-2000 / CAN/CSA B44-00 code on power-operated horizontally sliding/mechanically coupled doors.
 (Contact must close when doors close)

- ~ Y ~ N Dual-Beam Photoelectric Eyes
- ~ Y ~ N Mechanical Safety Edge
- ~ Y ~ N Infrared Detector Unit
Brand & Model _____
- ~ Y ~ N Cut-Out Switch in C.O.P. for Photo Electric Eyes or Infrared Detector
 Front Rear
- ~ Y ~ N Heavy Doors at landings _____
- ~ Y ~ N Center Opening Doors with 2 Operators
- ~ Y ~ N Door Open Button
 Front Rear
- ~ Y ~ N Door Close Button
 Front Rear
- ~ Y ~ N Cartop Door Open/Door Close Buttons
 Front Rear
- ~ Y ~ N Door Hold Operation (Non-Fire Operation)
 Front Rear
 Pushbutton Switch
If momentary, max. hold time = 120 sec.
- ~ Y ~ N California "Smoke" Bypass Button
- ~ Y ~ N Nudging
 Reduced Torque w/Buzzer
 Buzzer Only
 Ignore Photo Eye

If Safety Edge or Door Open Button Doors
 Should: Stop Re-open
 ~ Other _____

D. CAR GATE AND HOISTWAY DOORS

CAR GATE

- Automatic (Choose Make & Model from Section B) _____
- Manual

HOISTWAY DOORS

Describe _____

INTERLOCK ASSEMBLY

~ Y ~ N Are Door Closed Contacts Separate from Door Locked Contacts?
 Brand & Model _____

DOOR LOCKING CAM

- Fixed
- Mechanical (Driven by Car Gate Motor)
- Retiring Motor Coil
Voltage _____
- AC 3 Phase AC Single Phase DC
Current or Fuse Size _____ Amps

~ Y ~ N GATE RELEASE SOLENOID

- Voltage _____
- AC 3 Phase AC Single Phase DC
Current or Fuse Size _____ Amps

E. POWERED FREIGHT TYPE DOORS

- New Existing

DOOR CONTROLLER

- Courion
 - Model E
 - Other (Electrical Schematics Required) _____
- EMS (Electrical Schematics Required)
- Peelle
 - Model 274124* (Front Only)
 - Model 274125* (Rear of Walk-Thru)
 - Model 274126* (Front/Rear Staggered)
 - Other (Electrical Schematics Required) _____
- * MCE Ready Models
- Other (Electrical Schematics Required) _____

DOOR OPERATION

- Door Opening Automatic
- Momentary Pressure
- Door Closing Automatic
- Constant Pressure
- Momentary Pressure
- Fire Phase 1 Closing Automatic
- Constant Pressure
- Momentary Pressure

F. SPECIAL INSTRUCTIONS

LANDING SYSTEM/FIXTURE DATA FORM

MCE Job # _____
 Date Received _____

PO # _____ Car Label(s) _____
 Job Name _____

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IF > 32 LDGS (AND/OR) > 6 CARS USE EXPANDED LDG SYSTEM FORM										
LDG #	FLOOR LABEL	FLOOR HEIGHT	CAR		CAR		CAR		CAR	
			F	R	F	R	F	R	F	R
	OVERHEAD									
32										
31										
30										
29										
28										
27										
26										
25										
24										
23										
22										
21										
20										
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13										
12										
11										
10										
9										
8										
7										
6										
5										
4										
3										
2										
1										
	PIT									
CAPACITY:										
UP SPEED:										
DOWN SPEED:										
TOTAL TRAVEL:										

HOISTWAY NEMA RATING: 1 12 4 4X
 MCE LANDING SYSTEM YES NO
 If yes, specify type:
 Vane (LS-STAN, LS-QUIK)
 Tape (LS-QUITE, LS-QUAD) Hoistway NEMA 1 Only
 For vane-type, specify rail size _____ lbs
 MCE TLS SWITCHES (Tractions & Hoistway NEMA 1 Only) YES NO
 Cartop (TLS-C-____) Hoistway (TLS-1-____)
 Specify rail size _____ lbs
 TM SWITCH ("MUSIC BOX") YES NO

FIXTURE INFORMATION

— Fixtures are 120VAC unless otherwise specified —
 ~ Y ~ N Auxiliary Car Station

CALL REGISTRATION INDICATORS
 Car Hall 120VAC Incandescent
 Car Hall 120VAC Neon
 Car Hall 48VAC Incandescent LED*
 Car Hall 24VAC Incandescent LED*
 Car Hall Other _____

*Note: LEDs over 48 volts illuminate continuously.
 ~ SERIAL LINK COP Hall Calls
 Serial Communication Boards Supplied By
 MCE Innovation Other _____

Note: All fixtures must be 24VDC and 6 watts maximum.

CALL PUSHBUTTON
 Mechanical Piezo Type Touch Button
 Bias Voltage _____ Volts AC DC
 Indicator _____ Volts AC DC

LANTERNS Hall Car (# of Jamb arrows _____)
 Bulb Wattage _____ Watts
 With Gongs _____ Volts AC DC
 With Chimes _____ Volts AC DC

~ Y ~ N **PASSING FLOOR GONG/BUZZER**
 _____ Volts AC DC ~ Y ~ N Enable Button ("S" button)

STATUS INDICATORS

		AC	DC
<input type="checkbox"/> Attendant Light/Buzzer _____ Volts	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> Door Closing Buzzer _____ Volts	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> Door Hold Light _____ Volts	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> Door Left Open Bell _____ Volts	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> EMT Light - Car _____ Volts	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> EMT Light - Hall _____ Volts	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> Fire Light/Buzzer _____ Volts	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> Hospital Light/Buzzer _____ Volts	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> In-Service Light _____ Volts	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> In Use Lights _____ Volts	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> Load Status Lights _____ Volts	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> MCE Security Light _____ Volts	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> M/G Light _____ Volts	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> Nudging Buzzer _____ Volts	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> Multi Purpose Indicator _____			
<input type="checkbox"/> Other Indicator _____			

POSITION INDICATORS (PI's) Bulb Wattage _____ Watts

Multi-Light
 Car w/Arrows _____ Volts AC DC
 Hall w/Arrows _____ Volts AC DC
 At which landings _____ Floor Labels _____

Digital Brand & Model _____
 Car w/Arrows _____ Volts AC DC
 Hall w/Arrows _____ Volts AC DC
 At which landings _____ Floor Labels _____

One Line Per Floor Inputs
 Binary Input Begins at Ldg. 1 with binary- 00 01
 Other Input _____
 120VAC Common - Standard
 Other Common _____ Volts AC DC
 If DC Positive Negative

MCE C.E. Electronics Interface Driver
 Note: C.E. Digital PI's Remote Display Indicators (RDI's) must be 3 Wire Style (Series Micro Comm).
 Serial Fixture Driver
 Please describe _____

Voice Annunciation
 MCE Flex Talk (Please complete Flex-Talk Data Form)
 Other _____

HOISTWAY LAYOUT DATA FORM

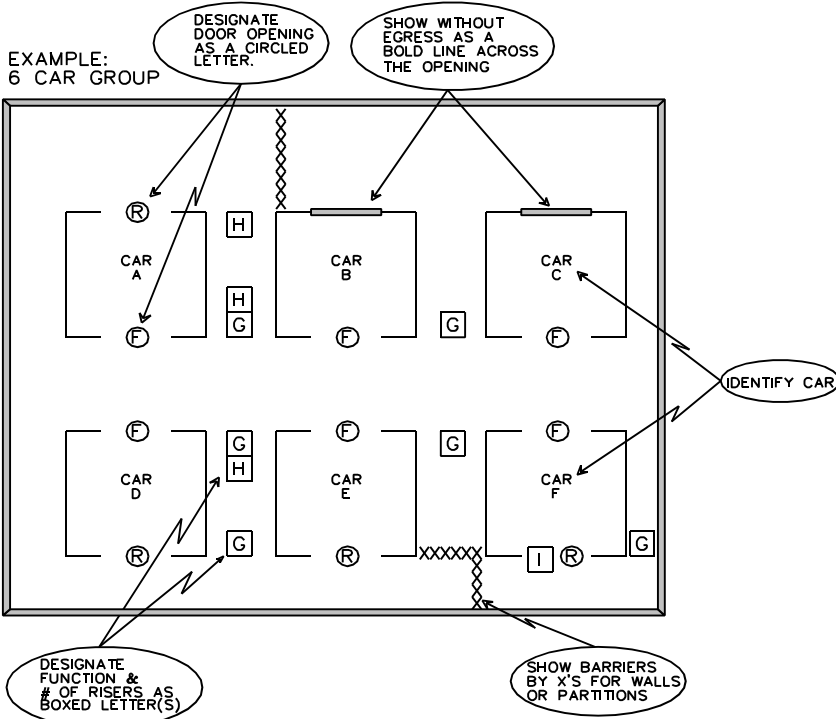
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NOTE: Please indicate the number of hoistway layout pages enclosed describing this installation: _____.
 A separate Hoistway Layout Data Form is required for each unique landing configuration.



RISER DESIGNATORS:

G = GROUP RISER
I = INCONSPICUOUS RISER
H = HOSPITAL SERVICE RISER

OTHER RISERS (EXPLAIN): _____

DOOR DESIGNATORS:

F = FRONT OPENING
R = REAR OPENING

SPECIAL INSTRUCTIONS:

SKETCH LAYOUT IN GRID AREA

A large rectangular area filled with a grid of small dots, intended for sketching the hoistway layout.