Traction Data Form

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Internal Use Only	Data Sheet Revision #:	GAL Estimate #:	Date:
	GAL Controller Order #:	GAL Door Order #:	GAL Fixture Order #:

CUSTOMER INFORMATION

Company Name:	**Job Name:**
Company Address:	**Job Address:**
Contact Name:	**Technical Contact Name:**
Email:	**Email:**
Phone: Cell:	**Phone:** Cell:

ELEVATOR SPECIFICATIONS

Main Line Disconnect Voltage:_____ VAC | **Motor Type:** ☐ AC   ☐ DC

Phase: ☐ 3 Ph/60 Hz   ☐ ____ Ph/____ Hz

Dispatch Type: ☐ Standard

Machine Type: ☐ Geared   ☐ Gearless

NOTE: See DD Supplemental Data Form

☐ Destination Dispatch

Machine Location: ☐ Overhead   ☐ Basement   ☐ MRL

☐ Destination Dispatch: Lobby Boost

☐ **All Data Same As Car One**

Car Name:	1: ____	2: ____	3: ____	4: ____	5: ____	6: ____	7: ____	8: ____
Simplex (S)/Group (G):								
First Installed in Group:	☐	☐	☐	☐	☐	☐	☐	☐
Requested Ship Date:								
Car Speed (FPM):								
Car Capacity (lbs):								
Number of Landings:								
Number of Openings:	F:___ R:___	F:___ R:___	F:___ R:___	F:___ R:___	F:___ R:___	F:___ R:___	F:___ R:___	F:___ R:___

Code of Compliance (ASME/B44): ☐ 2000 ☐ 2004 ☐ 2005 ☐ 2007 ☐ 2009 ☐ 2010 ☐ 2013 ☐ 2016 ☐ 2019 ☐ NYC ☐ Other: _____ ☐ **Job specifications sent to GAL**

MACHINE DATA

Machine: ☐ New   ☐ Existing

Emergency Brake:
☐ Rope Gripper*
☐ Second Independent Brake
☐ Draka Rope Brake
☐ Torin Sheave Clamp
☐ Hilliard Brake

H.W. Job #: _____

Roping: ☐ 1:1   ☐ 2:1   ☐ Other:

No. of Main Brakes: _____   **No. of Em. Brakes:** _____

Brake Pick Voltage: _____ V

Emergency Brake Pick Voltage:_____ V

Brake Hold Voltage: _____ V

Emergency Brake Hold Voltage:_____ V

Brake Resistance:_____ Ohms

Emergency Brake Resistance: _____ Ohms

MOTOR DATA

Motor: ☐ New   ☐ Existing

Motor Brand: _____

H.W. Job #: _____

Motor Encoder By: ☐ GAL   ☐ Others

AC Motor	1: ____	2: ____	3: ____	4: ____	5: ____	6: ____	7: ____	8: ____
Motor Frequency								
Motor RPM								
Motor Horsepower								
Motor Voltage								
Motor Current								
Motor Accel. Voltage**								
Motor Accel. Current**								
Motor Torque**								

** Required for gearless applications   NOTE: Application-specific motor data must be forwarded with this document.

DC Motor	1: _____	2: _____	3: _____	4: _____	5: _____	6: _____	7: _____	8: _____
Motor RPM								
Arm. Full Load Voltage								
Arm. Full Load Current								
Motor Horsepower								
Full Field Voltage								
Weak Field Voltage								
Standby Field Voltage								
Field Resistance								
Field Current								
Field Conn. (S, P, S/P)								

Motor Blower Voltage:	☐ 115 VAC ☐ 230 VAC	☐ 115 VDC ☐ 230 VDC	Phase:	☐ 1 Phase ☐ 3 Phase	Current: _____ A

DRIVE INFORMATION

Drive Type:	☐ KEB	☐ Magnetek M1000	Motor Energy	☐ Non-Regen
NOTE: DSD/Quattro are regenerative	☐ Quattro Cube	☐ Quattro AC	Dissipation:	☐ Regen
	☐ Quattro DC	☐ DSD		☐ Regen with DBR on Em. Power

LINE CONDITIONING

Iso. Transfomer :	☐ By GAL ☐ Others	Contact Name:
Isolation Transfomer	_____	Contact Phone:
Drop Ship Address:	_____	Contact Email:
Over Current Protection Device:	☐ By GAL ☐ By Others ☐ None (only available in Canada)	☐ Line Filter ☐ Line Reactor ☐ Load Reactor Motor to Controller Distance: _____ Ft.

SELECTOR

Selector Type:	☐ Absolute Positioning System ☐ Tapeless	Mounting (APS):	☐ Standard* ☐ Corner Post
		Magnets (Tapeless):	☐ On Rail* ☐ Floor Flags
☐ Weather Resistant	☐ Reduced Stroke Buffer	Governor to Controller Distance (Tapeless): _____ Ft.	

EMERGENCY POWER

☐ Emergency Generator ☐ Intergroup	Intergroup	Master Grp Car Names: _____
Emergency Power Switch Location:	☐ In Hall ☐ In Remote Fire Command Station	Configuration:	2nd Grp Car Names: _____
☐ Emergency Power Recovery System (UPS by GAL)		3rd Grp Car Names: _____
		4th Grp Car Names: _____
NOTE: Powered freight doors require separate UPS by others.	NOTE: Master group recalls first, followed by 2nd, 3rd, 4th.	

SIGNAL FIXTURES

Fixture Manufacturer: _____	Elevator Off Switch:	☐ In COP ☐ In Hall
☐ Extended Door Hold Time	Door Indicators:	☐ Door Closing ☐ Door Open
☐ Fire Service Complete Indicator	Indicator Location:	☐ In Car ☐ In Hall

CAR SIGNAL FIXTURES

Car Position Indicator:	☐ MAD Giotto* ☐ C.E. Micro Comm ☐ MAD Matisse* ☐ Emotive ☐ MAD Raffaello* ☐ Vega ☐ Vidatech ☐ 3 Character ☐ Digital Binary ☐ French (C.E) ☐ Multilight ☐ Other: _____ ☐ DL20 _____	Car PI Total Amount: _____
		Car Digital Binary/ Multilight Voltage:	☐ 24 VDC ☐ 24 VAC ☐ 120 VAC
		Front COP 1 (Main): ☐F ☐R Car Calls Front COP 2 (Aux): ☐F ☐R Car Calls Rear COP 1 (Aux): ☐F ☐R Car Calls Rear COP 2 (Aux): ☐F ☐R Car Calls	NOTE: Main COP includes Fire Service.
Voice Annunciator:	☐ MAD* ☐ C.E. Micro Comm ☐ Other: _____	COP Voltage:	☐ 24 VDC* ☐ 24 VAC ☐ 120 VAC
Car Lantern Voltage:	☐ 24 VDC* ☐ 24 VAC ☐ 120 VAC ☐ C.E. Micro Comm	Car Lantern Audible Signal:	☐ Chimes* ☐ Gongs	Car Lantern Current: _____ A

Traveling Cable Termination:	☐ Top Of Car Box*		**Send COP Boards:**	☐ To Fixture Manufacturer*
	☐ Car Operating Panel			☐ With Controller
Car Top Inspection Station:	☐ By GAL* ☐ By Others			☐ To Customer Before Controller
	☐ By GAL, Weather Resistant		**Handicap Buzzer:**	☐ Passing Floor Tone
Car Operation:	☐ Attendant Operation			☐ Car Call Acknowledgement Tone
	☐ Car Switch Operation			☐ Qualified by S Button
	☐ With Annunciator Lights		☐ **Auxiliary Fire Switch**	☐ **Remote Car Call**
Sabbath Service:	☐ Standard ☐ Special		☐ **In-Car Inspection Switch**	

HALL SIGNAL FIXTURES

Hall Position Indicator:	☐ MAD Giotto* ☐ C.E. Micro Comm		**Hall Lantern Voltage:**	☐ 24 VDC* ☐ 24 VAC
	☐ MAD Matisse* ☐ Emotive			☐ 24 VDC Serial ☐ 120 VAC
	☐ MAD Raffaello* ☐ Vega			☐ C.E. Micro Comm
	☐ Vidatech ☐ 3 Character		**Hall Lanterns In:**	☐ All Floors* ☐ Lobby Only
	☐ Digital Binary ☐ French (C.E.)		**Hall Lantern Audible Signal:**	☐ Chimes* **Hall Lantern**
	☐ Multilight ☐ Other: _____			☐ Gongs **Current:** _____ A
	☐ DL20 _____		☐ **High Water Input and Reset**	

Hall PI Total Amount: _____	**Hall PI Size:** _____ In.	☐ **Remote Fire Command Station**	NOTE: Includes
Hall Digital Binary/	☐ 24 VDC ☐ 24 VAC	Return to Lobby and In/Out of Service Indicators.	
Multilight Voltage:	☐ 120 VAC	**Return to Lobby w/:** ☐ Doors Open* ☐ Doors Closed	
In Service Indicator:	☐ 24 VDC* ☐ 24 VAC	**Out of Service Indicator:**	☐ 24 VDC* ☐ 24 VAC
	☐ 120 VAC		☐ 120 VAC

SECURITY

		Car Call Security		Group Car Call Security		Hall Security		Floor Security	
		Secure	**Override**	**Secure**	**Override**	**Secure**	**Override**	**Secure**	**Override**
Security Activation	One Switch in Hall or Lobby	☐	☐	☐	☐	☐	☐	☐	☐
	One Switch in Car	☐	☐	☐	☐	n/a	n/a	n/a	n/a
	GALileo/Liftnet	☐	n/a	☐	n/a	☐	n/a	☐	n/a
	Other:	☐	☐	☐	☐	☐	☐	☐	☐
Security Access	One Switch per Floor in Car	☐	☐	☐	☐	n/a	n/a	n/a	n/a
	Card Reader	☐	☐	☐	☐	☐	☐	☐	☐
	One Switch per Floor in Hall	☐	☐	☐	☐	☐	☐	☐	☐
	One Switch in Hall or Lobby	☐	☐	☐	☐	☐	☐	☐	☐
	GALileo/Liftnet	☐	n/a	☐	n/a	☐	n/a	☐	n/a
	Other:	☐	☐	☐	☐	☐	☐	☐	☐

Hugs Security:	☐ Standard ☐ With Bypass	**Push Button Car Call Sec. Override:**	☐ With Acknowledgement Light
	☐ In Car ☐ In Machine Room		☐ Without Acknowledgement Light

HOISTWAY FEATURES

Hall Calls: ☐ Serial 24 VDC* ☐ Discrete 24 VAC
☐ Discrete 24 VDC
☐ Discrete 120 VAC

Number of Standard Risers: _____
Number of Swing/Inconspicuous Risers: _____
Car(s) on Swing Risers: _____

☐ **Hoistway Lighting Pilot Relay (Fire Service)** ☐ **Code Blue** ☐ **TUGs Service**
☐ **VIP Service** ☐ **Lobby Up Req. Button** ☐ **MA Emergency Medical** ☐ **Heliport Service**

DOOR EQUIPMENT

Door Operation:
F	R	
F	R	Automatic
F	R	Automatic with Swing
F	R	Powered Freight
F	R	Manual

Light Curtain/ Edge Detector:
F	R	
F	R	GAL*
F	R	Other: _____

☐ **Narrow Door, Floor(s):** _____
☐ **Heavy Door, Floor(s):** _____

Door Operator: By GAL:
F	R	
F	R	MOVFR CAN Bus*
F	R	MOVFR Standard
F	R	MONXT CAN Bus*
F	R	MONXT Standard
F	R	MOVFE CAN Bus*
F	R	MOVFE Standard
F	R	MOCT
F	R	MOD
F	R	MOM/MOH
F	R	MODG

By Others:
F	R	
F	R	Otis 6970 Standard
F	R	MAC/ECI 859N 1000
F	R	HDLM
F	R	Midi Supra
F	R	Dover
F	R	Dover Encore
F	R	Smart Tech Door
F	R	AT 400
F	R	AMD
F	R	Other: _____

Door Operator Voltage:
F	R	
F	R	230 VAC*
F	R	115 VAC

Powered Freight:
F	R	
F	R	Courion iLearn*
F	R	Courion MP
F	R	EMS
F	R	Peelle Wireless
F	R	Peelle PLC Slave
F	R	Peelle PLC Standard
F	R	Other: _____

Retiring Cam:
F	R	
F	R	Mechanical
F	R	Electrical

Made By: ☐ GAL ☐ Others

Voltage: ☐ 115 VAC ☐ 115 VDC ☐ 230 VAC ☐ 230 VDC

Phase: ☐ 1 Phase ☐ 3 Phase **Current:** _____ A

NOTE: Forward non-GAL door wiring diagrams to GAL.

MONITORING

GALileo Monitoring: ☐ Machine Room Work Station*
No. Monitors: _____
No. M.R.: _____
Distance between M.R.: _____ Ft.
☐ On-Site Work Station
☐ Off-Site Remote Work Station
☐ On-Site Display Monitor

Liftnet Complete System Configuration:
No. of Groups: _____
No. of Locations: _____
No. of Cars: _____
_____
No. of Computers: _____
No. of Printers: _____

Central Monitoring System:
☐ Liftnet Complete System
☐ Liftnet Interface
☐ Liftnet Software Only
☐ JRT Interface
☐ Solucore Interface
☐ Other: _____

No. of UPS Units: _____
No. of Monitors: _____
Size of each Monitor (17"/19"/23"/Other): _____
_____
Additional Notes: _____

MACHINE ROOM OPTIONS

☐ **Earthquake Operation**
☐ **Power Loss Manual Brake Pick**

Remote Governor Set/Reset: ☐ 24 VDC ☐ 120 VAC

ADDITIONAL OPTIONS

Load Weigher:	☐ K Tech	☐ Henning Intf.	☐ **GFCI Outlet (120 VAC)***	☐ **Mechanical Limit**
	☐ Micelect	☐ Emco Vk3V Intf.	☐ **Split Cabinet**	**Switches**
	☐ K Tech Intf.	☐ Otis Intf.	☐ **Spare Boards Kit**	☐ **Brackets**
	☐ Micelect Intf.	☐ Dry Contacts	☐ **Car Top Harnesses**	☐ **Cams**

| ☐ **Load Weigher Disable Switch** | ☐ **Collapsible Car Top Railing Interface** |

| **Micelect Rope** | ☐ 3/8" | ☐ 5/8" | **Control Cabinet:** | ☐ Fan | |
| **Diameter:** | ☐ 1/2" | **Micelect No. Ropes:** _____ | **Power Cabinet:** | ☐ Dual Fan | ☐ AC Unit |

☐ **Existing Dispatcher Interface: Cross Assignment**	☐ **Traveling Cable, Total Length:** _____ Ft.
Push Button Wiring: ☐ 3 Wire ☐ 4 Wire	**Traveling Cable** ☐ Universal Bale Mesh
Existing Hall ☐ 120 VAC ☐ 24 VAC	**Grip:** ☐ Single Eye
Call Voltage: ☐ 120 VDC ☐ 24 VDC	☐ Double Eye
☐ 48 VDC	☐ Steel Core (Hanging Length >230 Ft.)
NOTE: Forward existing dispatcher wiring diagrams to GAL.	☐ **Space Restrictions (provide details in notes section)**

ADDITIONAL INFORMATION

Requirements:

8 cars per group maximum, 60 floors maximum

Standard features:

Controller cabinet light, anti-nuisance, independent service, car fan and light timer control, door hold input, controller cabinet legs, power cabinet fan

Cabinet Dimensions:

77.37" H x 32.16" W x 16.59" D (Small), 77.37" H x 42.05" W x 18.14" D (Large), 67" H x 45.5" W x 16" D (A-Size; If AC Unit is needed)

NOTES

FLOOR OPENING CONFIGURATION

Floor Number	Floor Label	Alternate Floor Label	Floor Height (Ft.)	Floor Openings															
				1:___		2:___		3:___		4:___		5:___		6:___		7:___		8:___	
				F	R	F	R	F	R	F	R	F	R	F	R	F	R	F	R
Overhead																			
30																			
29																			
28																			
27																			
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5																			
4																			
3																			
2																			
1																			
Pit				☐ All Front ☐ All Rear						☐ All Same as Car 1									
Total Height			Ft.																

Hall Access Switch Location	1:___		2:___		3:___		4:___		5:___		6:___		7:___		8:___	
	F	R	F	R	F	R	F	R	F	R	F	R	F	R	F	R
Top Access																
Bottom Access																
Top Access Floor																
Bott. Access Floor																

NOTE: All security types and special risers selected are given for every floor. For special configurations fill out page 6.

NOTE: Maximum of two access switch locations per car.

NOTES

Floor Number	Car Security																Group Security								IR		Swing Riser		Swing Riser		Code Blue		VIP	
	1:___		2:___		3:___		4:___		5:___		6:___		7:___		8:___		Hall		Floor		Car		Hugs											
	F	R	F	R	F	R	F	R	F	R	F	R	F	R	F	R	F	R	F	R	F	R	F	R	F	R	F	R	F	R	F	R	F	R
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SPECIAL CONFIGURATIONS

NOTES

*: Suggested, F: Front, R: Rear   Version 2.6, Updated 7/19/2023   Page 7 of 7