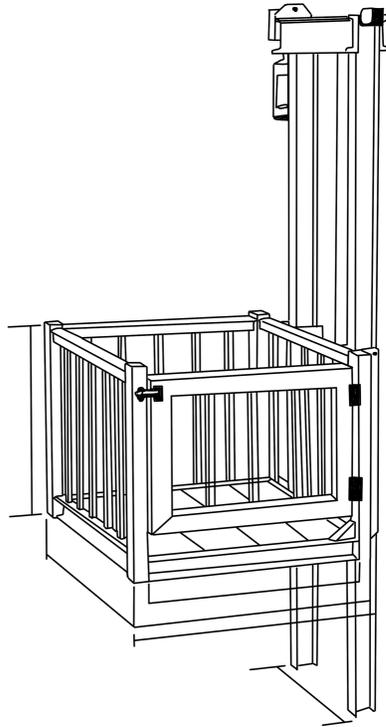




*We Make Elevated Living Easier*

**PRODUCT OWNER'S MANUAL  
CARGO LIFT—DOUBLE BEAM  
ELITE and WORKHORSE DESIGNS**



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## FOREWORD

**Legacy Lifts® places priority on safety, and encourages product owners and their lift product operators to do likewise. Safety is a core value at Legacy Lifts® and *your* safety is important to us. Therefore, it is strongly recommended that**

**the product owner read and heed all contents of this manual *before* operating her/his lift product. This knowledge will help the product owner execute her/his safety responsibilities with this lift product more effectively, and will help ensure longevity of the lift. *Each* lift product operator should be trained as well by the product owner, particularly in safety considerations.**

## **INTRODUCTION**

Legacy Lifts, LLC d/b/a as Legacy Lifts® hereafter referred as Legacy Lifts® is pleased to supply each Legacy Lifts® product. We appreciate your confidence in our company that focuses upon the design, build and support of lift products of various types. This is our business—lift products are our core competence.

Legacy Lifts® serves its product owners through a capable network of representation entities. In addition to customer order consummation, we rely upon these capable entities to make field installation; to perform maintenance “by contract” when the product owner agrees; and, to provide service “by call” when requested. And, Legacy Lifts® supplies a ready supply of parts for this important maintenance and service.

Legacy Lifts® Contact Information:

[www.legacylifts.com](http://www.legacylifts.com);

6556 State Hwy 198, Mabank, Texas 75156

903-451-2507; 800-597-5438; FAX: 903-451-2527;

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Please record contact info for your representation entity here for reference:

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Please record also your product identification for convenient reference:

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## PRODUCT DESCRIPTION

The Cargo Lift Elite designs are double-beam with a lower-mounted lift head. The Cargo Lift Workhorse designs are also double-beam, but with an upper-mounted lift head. Neither is a platform lift, and neither is a residential elevator. These three product families—*cargo lift*, *platform lift* and *residential elevator*—are differentiated by their design, build and intended functionality. Accordingly, the design and build of each of these product families is controlled by different criteria; and, each product within these families should only be operated according to its design criteria.

It is very important for each product owner to accept responsibility for safe operations in the use of her/his lift product; therefore, it is important to read and heed the safety instructions provided in this manual, always. Design and build considerations in the cargo lift properly accommodate its intended functionality—cargo transport, but NOT human passengers.

A cargo lift is designed to move between two or three levels of a structurally sound building. It is typically mounted outside the structure, and typically not in an enclosed runway. This external mounting is one of the physical distinctions that separate the *cargo lift* from the *residential elevator* that is typically mounted within an enclosed runway with lockable doors protecting the hoist way from unintended human intervention. A *platform lift* is mounted with its own physical distinction.

Legacy Lifts® Cargo Lift Elite designs include a cargo basket size of approximately 4' X 4' (maximum 15 SF); a carrying load capacity of 1,000 pounds; and, travels approximately 12-18 feet per minute. The Legacy Lifts® Cargo Lift Workhorse designs include a cargo basket size of approximately 3' X 4' (maximum 15 SF); a carrying load capacity of 1,000 pounds; and, travels approximately 14 feet per minute. There is a natural balance between carrying capacity and travel speed that is inherent to fundamental science; and, these designs seek optimum. Both above cargo lift design families are constructed of long-lasting aluminum and stainless steel materials including anti-skidding flooring; and, both may be powered-coated for optional improvement of life and aesthetics. There are other enhancement options available as well.

Both cargo lift design families are supplied with reliable control systems for executing normal up, down, and stop actions. These control methods incorporate a wireless remote transmitter that enhances user convenience. The control box includes a switch for electrical isolation. The box also includes a hasp for installing a recommended manual padlock to enhance a safer product environment when the lift is not in use. Lock this box always when the lift is not attended.

Dual beam design provides a safer and more stable lift. A durable enclosed motor transmits electric power to the unit drive reliably. Stainless steel aircraft quality cable is applied with winding that reduces cable wear. Sealed limit switches are provided for additional operating safety and smoother controlled stops. Design flexibility allows gate placement in multiple positions at time of order. All of the above features achieve a rugged design that enhances aesthetics; offers user-friendliness; and, withstands the natural environment that sometimes can be demanding;

Legacy Lift® reserves the right to make changes or add improvements to Legacy Lifts® products at any time without incurring any obligation to make such changes to products previously supplied. Legacy Lifts® does not accept responsibility for variations that may be evident relative to the actual specification of its products and/or the statements and descriptions contained in this publication.

## SAFETY INSTRUCTIONS

The product owner is responsible for safe handling of the lift at all times in all circumstances. Therefore, the following safety instructions are provided for the product owner, and any other person that the product owner may authorize to operate the lift; as, any person operating the lift shall have prior training:

1. **Never** begin operation of the lift until the installer and the product owner consummate product owner acceptance that shall accompany each installation. This shall include electrical, mechanical and structural acceptance with final payment.
2. **Never** allow a person under the age of 18 to operate this lift without adult supervision.
3. **Never** allow persons under the age of 18 to be near the lift unattended when it is operating.
4. **Never** allow *anyone* to be within 10 feet of the operating path of this lift when in operation moving up or down.
5. **Never** enter lift or be near the unit when under the threat of lightening or severe weather.
6. **Never** allow *anyone* except a qualified service person to enter the runway of the lift, above or below the basket. Similarly, no object or animal shall be allowed in the runway of the lift; as, a moving lift can cause severe injury to anyone in the lift runway.
7. **Never** exceed rated carrying load capacity.

8. **Never** by-pass, remove or otherwise disable any control sensors or safety features.
9. **Never** operate if and when the product shows signs of damage or unusual operations including unusual noise and/or vibrations; and,
10. **Never** operate when cables appear to be frayed or damaged.

**The product owner's responsibility for safe handling of this lift continues as follows:**

1. **Never** operate lift when its gate and/or landing door are not functioning properly.
2. **Never** enter lift when lift basket floor is not even with structure floor level.
3. **Never** lean against lift basket gate or car controls.
4. **Never** place a wireless remote transmitter in a pocket or any other place where inadvertent operation may occur; as, the transmitter is part of one of two control methods when ordering.
5. **Never** open cargo basket or adjacent structure gate when still in motion.
6. **Never** extend any part of body or other object beyond the immediate perimeter of the cargo basket from any direction or access point.
7. **Never** operate lift in the case of fire and/or smoke.
8. **Never** start-stop or reverse the lift continuously.
9. **Never** allow anyone to operate the lift when under the influence of alcohol or drugs; and,
10. **Never** allow anyone using prescription drugs to operate the lift, as lifts are considered as moving equipment.

**In continuing the product owner's responsibility for lift safety, the following instructions further apply:**

1. **Never** allow children under the age of 18 to access the machinery area that provides for the lift's mobility.
2. **Never** use the lift for storage.
3. **Never** operate the lift without a properly installed ground fault interruption device in the electric power supply circuit.
4. **Never** remove covers from any machinery components.

5. **Never** attempt to service the lift or any of its machinery unless a qualified person performs.
6. **Never** allow unauthorized persons to operate the lift. Remove electric power at the power supply control box by locking the breaker into the “off” position when not attended.
7. **Never** allow anyone to operate the lift if any of the above-stated or other evidences of safety concern exist; and, declare the unit inoperable by placing signage on the unit to this effect. Barricade the unit during such an outage period to prevent access. Finally in this situation, remove power at the main electrical breaker control box source and do not operate again until repaired and re-certified for safe operations by Legacy Lifts® or an Authorized Representative.
8. **Never** attempt to extricate anything from a disabled lift without qualified assistance, in the event that the lift should stop between normal ingress and egress points.
9. **Never** panic in an abnormal situation, but rather stay calm; and,
10. **Always** seek assistance from a qualified person.

**In the event that there are any further questions about the safe operation of this lift, please contact Legacy Lifts® as provided in this manual.**

## **OPERATIONS**

**Before proceeding with operations of this product, please be reminded again of our strong commitment to safety including safe operations of this product and *your* personal safety. In this serious regard, please ensure that you have read carefully the safety instructions within this manual, that you fully understand the product owner’s responsibility for safe operations of this product, and that you further understand how to execute that responsibility. If there are any concerns or doubts about this understanding, please contact Legacy Lifts® and/or our representation that installed your product, *before* operating the product.**

Legacy Lifts® is fully committed in its design and build for this product to be user-friendly; as, your convenience and personal ease is fully intended in our product supply. Our representation entities share this intent that should be evident after product is installed and operational. Our instructions for your convenient operations follow:

1. Engage the main electrical power supply breaker.
2. Turn the “on-off” electrical isolation switch to “on.”
3. Close all gates and latch properly.
4. Some lift products are installed with optional devices for additional safety; and, these devices must be in proper position; e.g. pan switch.
5. After satisfying the above required conditions, the operating procedure is simple as follows:
  - A. **Depress the “1” button for the lift to move to Level 1.**
  - B. **Depress the “2” button for the lift to move to Level 2.**
  - C. **When applicable, Depress the “3” button for the lift to move to Level 3.**
  - D. **Depress the “stop” button to halt the lift movement.**

## **MAINTENANCE**

Lift products are designed and built with electrical, electronic, mechanical, and structural components that operate within an integrated system design; therefore, periodic maintenance is appropriate. This maintenance enhances safe operations, and further enhances longevity of the product. **Legacy Lifts® strongly recommends that only qualified persons perform all maintenance.**

Legacy Lifts® offers with product owner approval an effective maintenance agreement for the product addressed by this manual. Contact Legacy Lifts® for this offering, that can be performed in cooperation with our authorized representation upon consummating a maintenance agreement.

If the product owner elects to not contract for the above offered maintenance agreement, but instead elects to perform product maintenance alternatively, the following guidance is provided:

1. An inspection should be performed within the 45-90 days of a lift product's initial operations to make routine adjustments that may be required by normal changes in a product's installed geometry. This need can be caused by natural physical changes in product components resulting from normal product loading and/or local environmental conditions. This need may also be caused by changes and/or shifts in the adjacent structure to which the lift product is mounted.
- 2. A full inspection should be performed at least twice per year, every year regardless of the amount of operations.**
3. A full operational check of the product's control system, including the individual components that comprise the control system, should be performed within the above recommended semi-annual inspections.

Additional guidance for product maintenance follows:

4. Legacy Lifts® applies stainless steel aircraft quality cable in its lift design; and, this cable should be inspected at least semi-annually for damage, misalignment, improper winding and/or wear. If the cable is damaged or misaligned, it could cause premature wear or cable failure. The Legacy Lifts® design reduces the potential for common misalignment cable consequences with cable winding that optimizes cable alignment, thereby reducing wear.
5. The inclusion and proper operation of limit switches are critically important components within the electrical-electronic-mechanical components that control the lift. These switches are set precisely during lift product installation; nonetheless, it is recommended that a qualified person inspect the settings and proper operation of the switches, (again) at least semi-annually.
6. Roller wheels should be lubricated semi-annually. They should not be over-lubricated; as, this can result in unintended lubricant on the I-beam surface where a mechanical brake is designed to engage. Lubricant on this I-beam surface will make the mechanical brake less effective.

**Never** operate this product before properly addressing any of the following conditions:

1. Evidence of any structural deterioration, of either the product and/or its adjacent mating structure;
2. Evidence of frayed cables;
3. Evidence of unusual noise and/or vibration; and,
4. Evidence of lubricant on the I-beam surface where the mechanical brake is designed to engage if and when actuated. Lubricant must be removed from this surface before further operations regardless of its source or nature.
5. For lift baskets lined with clear structural material, never spray Windex, ammonia or alcohol containing fluids on these lining materials. These prohibited fluids will damage the clear structural lining material including UV effectiveness. Always use approved cleaning fluid; e.g., Kleenmaster™ supplied by Brilliantize, Inc. ([www.BRILLIANIZE.com](http://www.BRILLIANIZE.com)).

A qualified service person may perform still other maintenance recommendations that may enhance aesthetics.

## **PREPARATIONS FOR HURRICANE**

The following preparations should be made for an anticipated hurricane; and, these preparations should be made substantially before the dangers of the hurricane occur.

1. Lower the lift to the lowest position in cases of anticipated high wind.  
Note: If only high water is anticipated (without high wind), the lift may be raised to the highest position to reduce high water damage.
2. Remove electric power by opening the main electricity supply breaker.
3. If the lift has experienced unusually high winds and/or water exposure by flooding, the unit shall not be operated until re-qualified for service by an authorized service person.

## **TECHNICAL**

Legacy Lifts® Cargo Lifts are designed and built to comply with local codes mutually agreed at each order confirmation by Legacy Lifts® and its

authorized representation. In the absence of other controlling codes, ASME A18.1-2011 (Revision of ASME A18.1-2008) is followed.

## **LIMITED WARRANTY with EXTENSION OPTION**

### **For LEGACY LIFTS® LIFT PRODUCTS**

When the Legacy Lifts® lift product is installed, adjusted and operated in accordance with Legacy Lifts® instructions, with normal use and regular maintenance and service, Legacy Lifts® will, for a period of 365 days from the date of substantial installation, repair defects in workmanship for the equipment at no charge. Exceptions include: cable and remote control transmitters. The gear reducer and motor are warranted for two (2) years. The structure is warranted for a generous five (5) years. Legacy Lifts® parts provided in warranty cases shall perform for the remaining term of the original warranty period. In the case of a DIY, any failed part shall be returned to the dealer for solution, including repair or replacement at the discretion of the dealer.

This Limited Warranty extends to the original product owner and is not transferable; however, Legacy Lifts® may optionally agree in writing at order consummation that a builder may hold temporary ownership for an agreed number of days, prior to granting ownership to its intended lift product owner with normal warranty. In the case of temporary builder ownership, Legacy Lifts® authorized personnel shall physically inspect and certify that the lift retains original design and build credibility *before* the builder transfers ownership with normal warranty. Any issues noted during the Legacy Lifts® mandatory inspection shall be reconciled *before* transfer.

The Limited Warranty applies to residential property installations utilized by the original product owner or family member(s) only, and is not valid on property used for commercial or rental purposes. Acts of God; misuse and abuse; operator error; neglect; normal wear and tear; use beyond rated capacity; unsuitable power source; unfavorable environmental conditions; and, unauthorized repair, modification and/or alteration are excluded from Limited Warranty. This Limited Warranty applies to services rendered during normal business hours of 7:30 am to 5:30 pm in the local time zone Monday through Friday, excluding national holidays. Services rendered or extended beyond these normal business hours shall be subject to Legacy Lifts® service charges and restrictions.

Performance under this Limited Warranty is specifically subject to the product owner acknowledging in writing to Legacy Lifts® or its authorized representation that original installation is satisfactory including electrical, mechanical and structural considerations. This warranty performance is also subject to the product owner registering for warranty per the enclosed form enclosed for this purpose in the Product Owner's Manual. Notwithstanding completion of the above acceptance acknowledgment and registration for warranty, Legacy Lifts® commitment and responsibility hereto begins upon substantial installation.

Legacy Lifts® does not recommend, and is not responsible for any modifications, alterations, or installations to its products that are not made by Legacy Lifts® personnel or their authorized representatives, nor replacement parts from another manufacturer. This Limited Warranty specifically excludes products or components installed by others not authorized by Legacy Lifts®. This Limited Warranty also excludes installation of products or components by others not in compliance with applicable codes governed by bodies having jurisdiction over the installation site. Product Owner shall hold Legacy Lifts® harmless for all claims subject to "Work Done by Others." In cases where the Legacy Lifts® product, parts or components are altered in any way by another entity (non Legacy Lifts®), Legacy Lifts® and its authorized representation reserve the right to void warranty.

No Legacy Lifts® employee or representative is authorized to change the foregoing warranties in any way or grant any other warranty on behalf of Legacy Lifts®.

Legacy Lifts® makes no other express warranties to the purchaser of this product except as set forth above. This warranty covers a consumer product. No warranties, expressed or implied, (including, but not limited to, the warranty of merchantability or fitness for a particular purpose), shall extend beyond the applicable time period stated above and from the date the product is substantially installed, in sole opinion of Legacy Lifts®. User is responsible for determining whether the Legacy Lifts® product, as installed, is fit for a particular purpose and suitable for the product owner's method, use and application. Legacy Lifts® is not responsible for any incidental, consequential or punitive damages resulting from the use of this product whether direct, indirect, special, incidental or consequential, regardless of the legal theory asserted, including warranty, contract, negligence, strict liability or other. Legacy Lifts® liability for any damages from use of this product or breach of any implied warranty is limited solely to repair or replacement of parts in accordance with the terms set forth above and these are the exclusive remedies available to the purchaser.

In the event this Limited Warranty is subject to any U.S. State Condominium or other Governmental Act requiring an extension to the warranty period for an additional charge per unit per year of extension; and/or, if the product owner so elects, Legacy Lifts® offers an extended warranty at a quoted price that shall be due and payable to Legacy Lifts® upon commencement of Limited Warranty.

## **EXTENDED WARRANTY OPTION**

### **FOR LEGACY LIFTS® LIFT PRODUCTS**

In addition to the limited warranty, Legacy Lifts® provides an extended warranty when elected and contracted by the product owner. The extended warranty provides coverage for the same components as provided in the limited warranty except that the period of coverage is three years as opposed

to one year. The warranty exceptions remain the same as in the limited warranty; likewise, the structural warranty provisions in the extended warranty remain the same as in the limited warranty. In summary, the extended warranty extends coverage on the drive motor, drive gearbox and limit switches to three years.

**MAINTENANCE AGREEMENT IS AVAILABLE BY CONTACTING LEGACY LIFTS® AT 903-451-2507.**

## **REGISTRATION FOR WARRANTY**

**Product Owner shall complete and return to address below within 10 calendar days of install date to register and validate warranty.**

Legacy Lifts®, 6556 State Highway 198, Mabank, Texas 75156

903-451-2507; 800-597-5438; FAX: 903-451-2527; [www.legacylifts.com](http://www.legacylifts.com)

Product I.D.: \_\_\_\_\_

Date of Purchase: \_\_\_\_\_

Install Date: \_\_\_\_\_

Installer: \_\_\_\_\_

Building Contractor: \_\_\_\_\_

### **Product Owner Identification with Contact Information**

Full Name: \_\_\_\_\_

Physical Address: \_\_\_\_\_

\_\_\_\_\_

Mailing Address: \_\_\_\_\_

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Primary Phone No.: \_\_\_\_\_

Secondary Phone No.: \_\_\_\_\_

Primary Email Address: \_\_\_\_\_

Secondary Email Address: \_\_\_\_\_

Product Owner's Signature \_\_\_\_\_

## **RECORD of PRODUCT SERVICE**

Legacy Lifts®, 6556 State Highway 198, Mabank, Texas 75156

903-451-2507; 800-597-5438; FAX: 903-451-2527; [www.legacylifts.com](http://www.legacylifts.com);

Product I.D. \_\_\_\_\_

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Install Date: \_\_\_\_\_

Installer: \_\_\_\_\_

### **PRODUCT SERVICE RECORD (Page 1)**

<b>Date</b>	<b>Service By</b>	<b>Notes</b>