

FLIGHT



At Pilot, we understand the challenges a staircase can present when mobility is an issue and we are passionate about helping people maintain their freedom and independence in the home they love.

The Pilot Flight is our new space saving stairlift for straight staircases offering a vertical rail, enclosed gear rack and continuous charge.

Versatility

- The universal design allows the lift to be installed on the left or right side of the stairs.
- Armrest width, seat height and toggle position are fully adjustable to meet the user's needs.
- Two-position swivel seat for safe transfers on and off the lift.

Functionality

- Full rail length charging strips for convenient 'anywhere' charging.
- In the event of a power outage, the Aviator's automatic sleep mode will preserve the batteries for up to 20 days!
- Equipped with diagnostic display and easy access panels for fast, accurate servicing.

Safety is the Standard

- 5 directional safety sensors
- Armrest position sensors
- Seat position sensor
- Over speed governor
- Electro mechanical brake
- Key switch

Pilot

Stairlifts

PILOT FLIGHT E605

Convenience

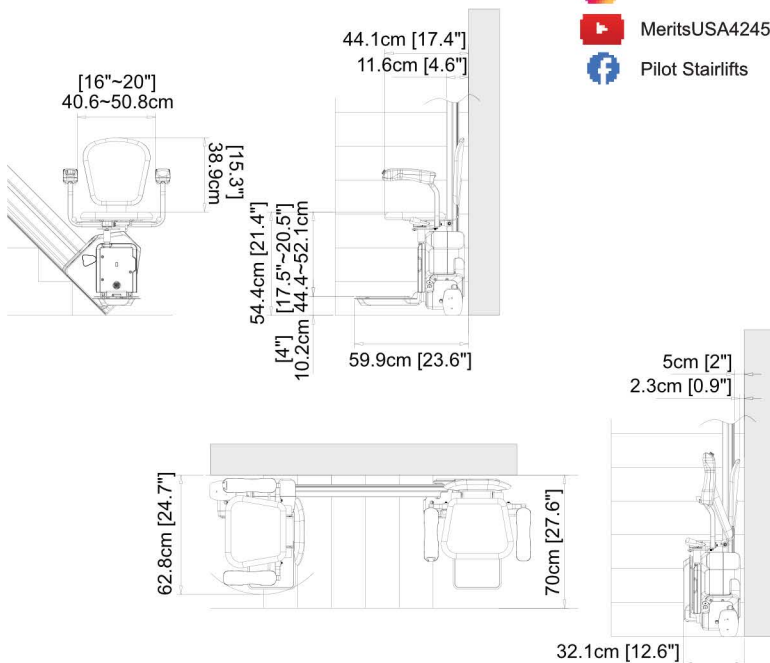
- Remote Control: Easy and convenient to call and park carriage.
- Folding Seat & Footrest Fold-Away design allows others to use the staircase freely when the unit is folded.
- Continuous Battery Recharging.
- Swivel Seat with Locking Catch: Ensures easy entry and exit from the carriage: Unit is non-operational unless the seat has been turned to the ready position.
- Optional Powered Swivel Seat also available.

Convenience

- Soft Start and Soft Stop Technology: Comfortable and no lurch as the lift starts or stops.
- Obstacle Sensor Safety Interlock: Prevents unit from colliding with any obstruction on the stairway.
- Mechanical Braking Systems: Self-locking worm gear.
- Compliant with ASME A18.1/BS/EN 81-40:2008



Upholstery Color Options



- Merits Health Products, Inc.
- Pilot Stairlifts
- MeritsUSA4245
- Pilot Stairlifts

TECHNICAL SPECIFICATIONS

Load Capacity	300 lbs @45° 250 lbs @52°
Range of Stair Angle	25°~52° <i>Note: According to ASME A18.1, no lift should be installed to operate on a greater incline than 45° as measured on the mean</i>
Travel Speed	6 m/min. (20 ft/min)
Drive System	Rack and Pinion
Operator Control	Constant-pressure type (<i>rocker switch and remote control</i>)
Operating Voltages	24VDC rechargeable batteries
Motor	1/2 HP, 24VDC
Brake (Optional)	Electromagnetic brake
Charging	<i>Continuous charge across rail length</i> Input: 115/230VAC, 50/60Hz Output: 24V 2A
Internal Arm Rest Width	16" - 20"
Seat-to-Footplate Height	17" - 20"
Remote Controls	2 infrared remotes included
Compliance	ASME 18.1/A17.5
Safety Sensors	5 safety sensors as standard
Safety Devices	Over-travel prevention, electromagnetic motor brake, key switch, seat belt, armrest, swivel seat safety switches, over speed governor
Warranty	5 years motor/gearbox 2 years electrical components

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A DIVISION OF MERITS HEALTH PRODUCTS

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