

# UpRight tm12

## shortform operating instructions



**personnel lifts**

This book is designed as a guide to enable you to start work quickly and safely. It is not intended to replace the full manufacturer's operating instructions (a copy of which should be with your machine) which should be read and understood by anyone operating the machine.

## **SAFETY TIPS**

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### **ALWAYS**

- Inspect your machine before use.
- Check all operations including ground controls.
- Check ground conditions.
- Check clearance from overhead obstructions (power cables, building projections etc).
- Plan your task/job.
- Use sole boards under your outriggers at all times regardless of ground conditions.
- Stabilise and level machine before use.
- Wear a safety harness connected to a suitable anchorage point inside the platform.
- Operate all controls smoothly.
- Warn other people that you are there by means of flashing lights, sign and cones.
- MAKE SAFETY YOUR No.1 PRIORITY.

### **NEVER**

- Use an unsafe machine.
- Use an access platform to hoist loads like a crane.
- Overload cage/platform.
- Operate in strong winds (Check manufacturer's recommendation).
- Rest the cage on a structure or object to gain extra support.
- Attach your safety harness to a structure outside of the platform.
- Throw or drop anything from the platform.
- Use boxes, ladders or stand on handrails to gain additional height, if you can't reach, you need a bigger machine.
- Let an untrained person operate the access platform.
- Take unnecessary risks (hospitals and graveyards are full of dead heroes!)

**In the unlikely event that your machine develops a fault  
please contact the Facelift Tech Team on 01444 881100**

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**ALL PERSONNEL SHALL CAREFULLY READ, UNDERSTAND AND FOLLOW ALL SAFETY RULES, OPERATING INSTRUCTIONS AND THE SCAFFOLD INDUSTRY ASSOCIATION'S MANUAL OF RESPONSIBILITIES BEFORE OPERATING THE UPRIGHT AERIAL WORK PLATFORM.**

## SAFETY RULES

**NEVER** operate the machine within ten feet (3m) of power lines. **THIS MACHINE IS NOT INSULATED.**

**NEVER** elevate the platform or drive the machine while elevated unless the machine is on a firm level surface.

**NEVER** sit, stand or climb on the guardrail or midrail.

**NEVER** operate the machine without first surveying the work area for surface hazards such as holes, drop offs, bumps and debris before operating machine.

**SECURE** chain or bar across entrance after mounting platform.

**NEVER** use ladders or scaffolding on the platform.

**NEVER** attach overhanging loads or increase platform size.

**LOOK** up, down and around for overhead obstructions and electrical conductors.

**DISTRIBUTE** all loads evenly on the platform.

**NEVER** use damaged equipment, contact the Facelift Tech Team for instructions.

**NEVER** change machine operating or safety systems.

**INSPECT** the machine thoroughly for cracked welds, loose hardware, hydraulic leaks, damaged control cable, loose wire connections and wheel bolts.

**NEVER** climb down elevating assembly with the platform elevated.

**NEVER** perform service on a machine while platform is elevated without blocking elevator assembly.

**NEVER** recharge batteries near sparks or open flame; batteries that are being charged emit highly explosive hydrogen gas.

**AFTER USE** secure the work platform against unauthorised use by turning key switch off and removing key.

**NEVER** replace any component or part with anything other than original UpRight parts without the manufacturers consent.

## PRE-OPERATION AND SAFETY INSPECTION

Read, understand and follow all safety rules and operating instructions and then perform the following steps each day before use.

1) Open modules and inspect for damage, oil leaks or missing parts.

- 2) Check the level of the hydraulic oil with the platform fully lowered. Open the Left Module and remove the reservoir cap, oil should be visible on the dipstick. Add ISO #46 hydraulic oil if necessary.
- 3) Check that fluid level in batteries is correct (see Battery Maintenance).
- 4) Verify batteries are charged
- 5) Check that A.C. extension cord has been disconnected from chassis outlet.
- 6) Check that all guardrails are in place and all fasteners are properly tightened.
- 7) Carefully inspect the entire work platform for damage such as cracked welds or structural members, loose or missing parts, oil leaks, damaged cables and hoses, loose connections and tyre damage.
- 8) Move machine, if necessary, to unobstructed area to allow for full elevation.
- 9) Turn Chassis and Platform Emergency Stop Switches ON (Figure 1 & 2) by pulling the button out.
- 10) Turn the Chassis Key Switch (Figure 1) to CHASSIS.
- 11) Push Chassis Lift Switch (Figure 1) to UP position and fully elevate platform.
- 12) Visually inspect the mast assembly for damage or erratic operation. Check for missing or loose parts.
- 13) Check Level Sensor (Figure 3) operation by pushing the sensor off of level while pushing the Chassis Lift Switch to UP position, the alarm should sound.
- 14) Partially lower the platform by pushing Chassis Lift Switch to DOWN and check operation of the audible lowering alarm.
- 15) Open the Chassis Emergency Lowering Valve (figure 3) to check for proper operation by pushing on the knob and turning 1/4 turn counterclockwise. Once the platform is fully lowered, close the valve by pushing in and turning the knob 1/4 turn clockwise until the detent engages.
- 16) Turn the Chasis Key Switch to DECK.
- 17) Close and latch module doors.
- 18) Check that route is clear of persons, obstructions, holes and drop-offs, level and capable of supporting the wheel loads.
- 19) After mounting platform latch chain or bar across entrance.
- 20) Pull Emergency Stop Button out to the ON position.
- 21) Position Drive/Lift Switch to DRIVE.
- 22) While depressing the Foot Switch, slowly position the Control Lever to FORWARD the REVERSE to check for speed and directional control. The farther you push or pull the Control Lever from centre the faster the machine will travel.
- 23) Push Steering Switch RIGHT then LEFT to check for steering control.
- 24) Push the Emergency Stop Switch Button.

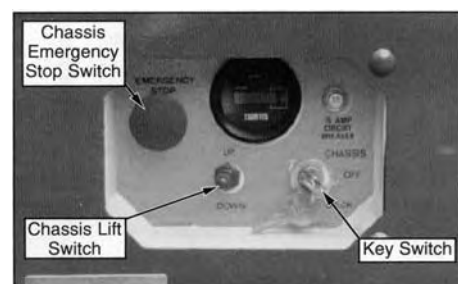


Figure 1: Chassis, Left Side

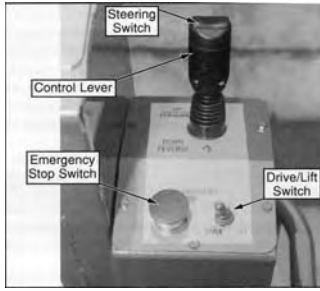


Figure 2: Controller

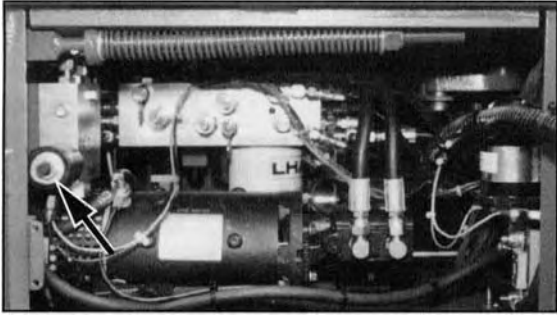


Figure 3: Emergency Lowering Valve

## OPERATION

Before operating the work platform ensure that the pre-operation and safety inspection has been completed, any deficiencies have been corrected and the operator has been thoroughly trained on this machine.

### TRAVEL WITH PLATFORM LOWERED

- 1) Check that route is clear of people, obstructions, holes and drop-offs, is level and is capable of supporting wheel loads.
- 2) Verify Chassis Key Switch is turned to DECK and Chassis Emergency Stop Switch is ON, pull button out.
- 3) After mounting platform latch chain across entrance.
- 4) Check clearances above, below and to the sides of platform.
- 5) Pull Controller Emergency Stop Button out to ON position. When button is pushed down Emergency Stop Switch will automatically go to OFF position.
- 6) Position Drive/Lift Switch to DRIVE.
- 7) While depressing the Foot Switch, slowly push or pull the Control Lever to FORWARD or REVERSE position to travel in the desired direction. The farther you push or pull the Control Lever from centre the faster the machine will travel.

### STEERING

- 1) Position Drive/Lift Switch to DRIVE.
- 2) While depressing the Foot Switch, push the Steering Switch to RIGHT or LEFT to turn wheels in the desired direction. Observe tyres while manoeuvring the platform to ensure proper direction.

**NOTE: STEERING IS NOT SELF-CENTERING. WHEELS MUST BE RETURNED TO STRAIGHT AHEAD POSITION BY OPERATING STEERING SWITCH.**

### ELEVATING PLATFORM

- 1) Position the Drive/Lift Switch to LIFT.

- 2) While depressing the Foot Switch, push Control Lever forward to UP, the farther you push the Control Lever the faster the Platform will elevate.
- 3) If the machine is not level the Tilt Alarm will sound and the machine will not lift or drive. **If the Tilt Alarm sounds the platform must be lowered and the machine moved to a level location before attempting to re-elevate the Platform.**

### TRAVEL WITH PLATFORM ELEVATED

**NOTE: WORK PLATFORM WILL TRAVEL AT REDUCED SPEED WHEN PLATFORM IS ELEVATED.**

- 1) Check that route is clear of people, obstructions, holes and drop-offs, is level and is capable of supporting wheel loads.
- 2) Check clearances above, below and to the sides of platform.
- 3) Position Drive/Lift Switch to DRIVE position.
- 4) While depressing the Foot Switch, push Control Lever to FORWARD or REVERSE for desired direction of travel.
- 5) If the machine is not level the Tilt Alarm will sound and the machine will not lift or drive. **If the Tilt Alarm sounds the platform must be lowered and the machine moved to a level location before attempting to re-elevate the Platform.**

### LOWERING PLATFORM

- 1) Position Drive/Lift switch to LIFT.
- 2) While depressing the Foot Switch, pull back on the Control Lever.

### EMERGENCY LOWERING



**IF THE PLATFORM SHOULD FAIL TO LOWER, NEVER CLIMB DOWN THE ELEVATING ASSEMBLY.**

Ask a person on the ground to open the Emergency Lowering Valve (Figure 3) to lower the platform. This valve is located inside the right module:

- 1) Open the Emergency Lowering Valve by pushing in on the Knob and turning 1/4 turn counterclockwise.
- 2) To close, push in on the Knob and turn 1/4 turn clockwise until the detent engages

**NOTE:** The platform will not elevate if the Emergency Lowering Valve is open.

### AFTER USE EACH DAY

- 1) Ensure that the platform is fully lowered.
- 2) Park the machine on level ground, preferably under cover, secure against vandals, children or unauthorised operation.
- 3) Turn the Key Switch to OFF and remove the key to prevent unauthorized operation.

## BATTERY CHARGING

Charge batteries at the end of each working shift or sooner if the batteries have been discharged.



**CHARGE BATTERIES IN A WELL VENTILATED AREA.**

**DO NOT CHARGE BATTERIES WHEN THE WORK PLATFORM IS IN AN AREA CONTAINING SPARKS OR FLAMES.**

**PERMANENT DAMAGE WILL RESULT IF BATTERIES ARE NOT IMMEDIATELY RECHARGED AFTER DISCHARGING.**

**NEVER LEAVE THE CHARGER OPERATING UNATTENDED FOR MORE THAN TWO DAYS.**

**NEVER DISCONNECT CABLES FROM BATTERIES WHEN CHARGER IS OPERATING.**

**KEEP CHARGER DRY.**

- 1) Check battery fluid level. If electrolyte level is lower than 2/8 in. (10mm) above plates add distilled water **only**.
- 2) Plug extension cord into outlet at the left side of the chassis (figure 4) and connect extension cord to properly grounded outlet of proper voltage and frequency.
- 3) Charger turns on automatically after a short delay, the LED charge indicator will illuminate.
- 4) Charger turns off automatically when batteries are fully charged, the LED charge indicator will blink.

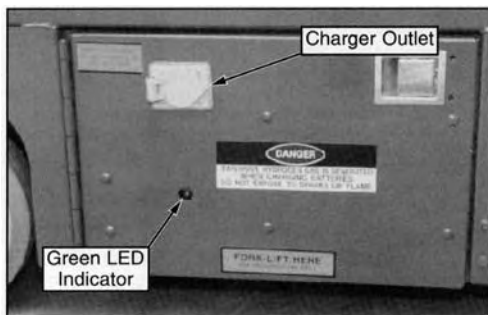


Figure 4: Chassis Module, Right Side

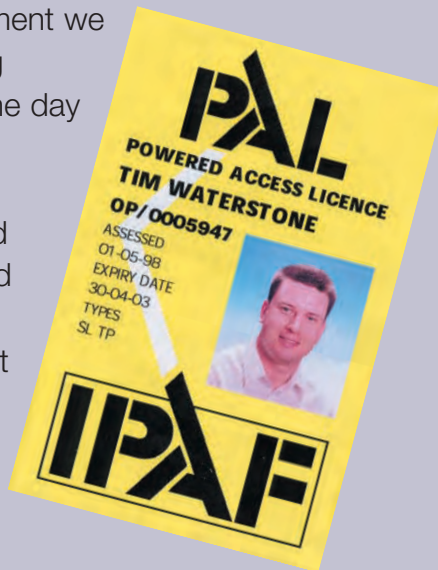




# operator training centre

When hiring access equipment we strongly recommend taking advantage of one of our one day operator training courses

As Facelift is an accredited IPAF (Independent Powered Access Federation) training centre you can be sure that your staff will be trained to a high standard and receive an internationally recognised qualification.



Courses can take place on your own premises or at one of our training centres, situated in Hickstead, Iver, Southampton and Liverpool.

We can train your personnel on any of the following equipment:

- (SL) Scissor Lift
- (SPB) Self Propelled Boom
- (VMP26) Truck/Van mounted to 26m
- (VMP200) Truck mounted over 26m
- (VPP) Vertical Personnel Platform
- (TP) Trailer/Push around

The one day course\* covers site safety, practical demonstration, sole usage and site risks and includes a theory test.

\*(two day course for VMP200)

Successful candidates are issued with the IPAF PAL card, widely accepted by both the CITB and Health And Safety Executive.

For further information or to arrange a training course call us today on:  
0800 0 72 55 72

