

# SKYSENSE® FOR BOOMS

## ENHANCED DETECTION SYSTEM



### HEIGHTEN YOUR AWARENESS

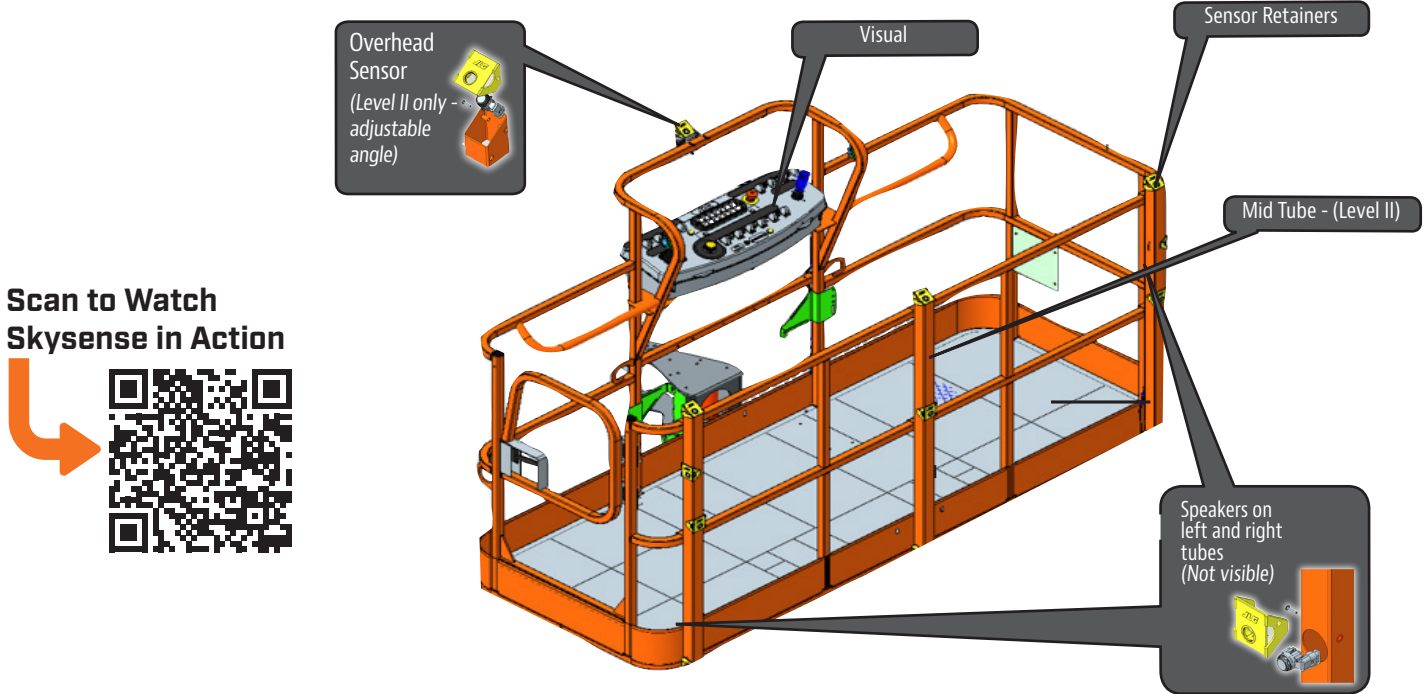
SkySense is an enhanced detection system from JLG that uses strategically placed object detection sensors to provide operators an added level of awareness of their immediate surroundings as they elevate and/or drive. When a machine is in use, the sensors establish warning zones and stop distances in the machine's direction of motion, increasing protection of people and property. The warning zones scale for functions with proportional joystick input, which is unique to JLG and SkySense.

### FEATURES AND BENEFITS

- Produces audible and visual warnings of obstructions
- Slows and then stops machine functions based on proximity to obstructions
- Minimizes onsite incidents and damage to machine and job site structures
- Upfits easily to existing machines in your fleet
- Offers two levels of coverage for a customized solution to your needs
- Booms - Level I: 8 sensors; Level II: 12 sensors
- Compatible with Bolt-On Fall Arrest



### SKYSENSE SYSTEM COMPONENTS



Scan to Watch  
SkySense in Action



\*SkySense cannot be used in conjunction with Soft Touch. See additional pages for information and warnings

#### WARNING:

SkySense is not intended to replace or reduce the need for the operator to be aware of the environment around the machine. Hazards that will cause serious injury or death may not be prevented or reduced by SkySense. The operator must always look in the direction of travel, avoid power lines, avoid obstacles that could strike the machine or persons in the platform, and follow all instructions, decals, and other warnings provided with this machine. The operator must not rely on SkySense as a substitute for following the instructions and warnings contained in the manuals and placards provided with this machine.

Order Today

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JLG INDUSTRIES, INC.  
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### SKYSENSE SYSTEM

#### ULTRASONIC SENSORS

- Conical sensing area
- Does not provide a 100% envelope around the operator
- Oriented to provide optimal coverage behind the operator (Boom Level I)
- Operation function (drive, lift) determines which sensors are evaluating for objects

#### NOTIFICATION FEATURES

- Audible BoomsLeft/Right independent alarm
- Switch will turn speaker on/off Visual
- Booms: Left/Right independent light(s)

#### SENSOR WARNING ZONES

- Warning and Stop zone distances differ based on machine function
- Warning Zone – Machine in Creep (Booms)
- Stop Zone – Machine stopped, over-ride required to continue operation toward object
- Stop zones for a given function are fixed
- Warning zones scale for functions with proportional joystick input

#### TO CLEAN SENSORS

- Gently and cautiously wipe the sensor face using water
- Acetone may be used if necessary
- Excessive force may damage sensor face
- To order sensors separately, use part numbers 1001241162 & 1001237902

#### PROHIBITED OPTIONS/ITEMS

The following options and accessories CANNOT be used on a machine outfitted with SkySense

- Soft Touch
- Platform Mesh
- Top Rail Extension
- SkyGlazier
- Fall Arrest Platform
- Cable Ladder



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### AFTERMARKET KIT PART NUMBERS

BOOMS	SERIAL NUMBER RANGE	LEVEL I: 8 SENSORS PART NUMBER	LEVEL II: 12 SENSORS PART NUMBER
COMBUSTION POWERED BOOM LIFT <sup>1</sup>	PRIOR TO PVC2001 (ALL MODELS EQUIPPED WITH ADE (ADVANCED DESIGN ELECTRONICS))	1001289905	1001289906
	PVC2001 TO PRESENT (ALL)		
E300AJ	0300211844 TO PRESENT		
E300AJP			
E400AN	0300208530 TO PRESENT		
E400AJP			
E400AJPN			
M400AJP			
M400AJPN			
E450A			
E450AJ			
M450A			
M450AJ			
E600	0300218866 TO 0300218868 0300219271 TO PRESENT		
E600J			
E600JP			
M600			
M600J			
M600JP			
EC600SJ	ALL		
EC600SJP			
H340AJ	ALL		
Excluded models: E300A, E400A, M400A, H800AJ, 670SJ SL			

