



Inspection Report (Boom Lift)

General Info

| | |
|--|----------------------|
| B&B Stock Number | A6027349 |
| Year | 2007 |
| Make | JLG |
| Model | 600AJ |
| Serial Number | 0300118248 |
| Hour Meter Reading | 4,061 Hrs. |
| Previous Application (e.g., earth moving, mining, demolition, etc) | Building Maintenance |

Dimensions

| | |
|--------------------------|-------------|
| Operational Weight (lbs) | 23,835 Lbs. |
|--------------------------|-------------|

Features and Configuration

| | |
|-------------------------------------|--------------------------------|
| Max Lift Height | 60' |
| Max Lift Capacity | 500 Lbs. |
| Electric Powertrain | No |
| Jib | Yes |
| Hydraulic Leveling | Yes |
| Power to Platform | Yes |
| Outriggers | No |
| Additional Attachment(s)? | No |
| OMM (Operator & Maintenance Manual) | Yes |
| Telematics | No |
| Other Configuration Details / Notes | All the tires are foam filled. |

Exterior 360 Walkaround

360 Walkaround & Operating Video

Walkaround Photos & Operating Video

| | |
|----------------------------|--|
| Exterior Walkaround Photos |      |
| |    |
| Operating Video | Click to Download |



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[Additional Video](#)[Click to Download](#)

General Appearance Inspection Points

General Appearance

General Appearance Photos



General Appearance Inspection Points

| Inspection Rating Criteria | Rating Scale | Explanation |
|----------------------------------|---|---|
| | 1 - Service Required | Requires immediate repairs to function as expected. |
| | 2 - Above Average Wear & Tear | Exhibits greater wear than expected given age and usage. While operable, further diagnosis may be needed. |
| | 3 - Normal Wear & Tear | Exhibits wear that is consistent with age and usage. Operation is normal, and as expected. |
| | 4 - Very Light or Minimal Wear | Exhibits very minimal wear. Operation is better than expected given age and usage. |
| | 5 - Like New, Recently Replaced | Excellent condition, free of visible wear or damage. Operation is within factory specifications. |
| Body Panels | 3 - Normal Wear & Tear | |
| Body Panel Condition | No visible damage, good paint condition and panel fitment, Other (see comments) | |
| Comments | Body panel paint dull | |
| Doors / Canopy Latches | 3 - Normal Wear & Tear | |
| Doors / Canopy Latches Condition | No visible damage | |
| Steps / Ladders | 0 | |
| Handrails | 3 - Normal Wear & Tear | |
| Handrails Condition | Handrails are fully intact and appear structurally sound | |
| Glass | 0 | |
| Mirrors | 0 | |
| Exterior Lights | 0 | |
| Overall Exterior | 4 - Very Light or Minimal Wear | |
| Comments | Overall exterior is in good condition. No major damage seen at exterior panels. | |

Control Station Inspection Points

Control Station

Control Station Photos



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|----------------------------------|--|
| Control Station Photos |  |
| |  |
| Serial Number Plate |  |
| Hour Meter/Odometer |  |
| Seat | 0 |
| Cabin Lights | 0 |
| Safety Lock Out / Stop | 3 - Normal Wear & Tear |
| Safety Lock Out / Stop Condition | Safety lock out device is present, in good condition, and functional |
| Controls & Switches | 3 - Normal Wear & Tear |
| Controls & Switches Condition | All switches are installed and functional |
| Hour Meter Activity | 3 - Normal Wear & Tear |
| Hour Meter Condition | Hour meter is functional and in good condition |

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| | |
|-----------------------------------|--|
| Other Gauge Activity | 2 - Above Average Wear & Tear |
| Other Gauge Condition | Gauges are functional, with some wear and/or cosmetic damage. One or more gauges are unreadable or not functioning (specify in comments), Other (see comments) |
| Comments | Monitor Light Indicators hard to see at ground control panel |
| Heater & A/C | 0 |
| Travel Alarm | 3 - Normal Wear & Tear |
| Travel Alarm Condition | Travel alarm is installed and functioning as expected |
| Horn | 3 - Normal Wear & Tear |
| Horn Condition | Horn is installed and functioning as expected |
| Backup Camera | 0 |
| Control Station Overall Rating | 3 - Normal Wear & Tear |
| Control Station Overall Condition | Minor cosmetic wear to cabin surfaces, floors, panels, and ceiling |
| Comments | Operator Platform in good shape |

Powertrain Inspection Points

Engine

Engine Compartment Photos

| | | | | | |
|---------------------------|---|--|--|--|--|
| Engine Data Plate |  | | | | |
| Engine Compartment Photos |  Battery bracket not installed | | | | |



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| | | | | | |
|--|--|---|--|---|---|
| |  |  |  |  |  |
| | | | Minor seepage buildup seen at front L/S of engine block area. No active leak seen. | | |
| Engine Type (Make, Model, Cylinders, Hp) | Deutz - F4M2011 - 4Cyl. - 65Hp | | | | |
| Emissions Tier | Tier 3 | | | | |
| Engine Serial Number | 10447516 | | | | |
| Engine Fuel Type | Diesel | | | | |
| Blow-by (Visual Observation Check) | No | | | | |
| Unusual Noises (Upon Start-up, Idle, Shutdown) | No | | | | |
| Engine Smoke (Upon Start-up, Idle, Shutdown) | No | | | | |
| Engine Exhaust Color | Clear | | | | |
| Battery | 2 - Above Average Wear & Tear | | | | |
| Battery Condition | Dusty & dirty appearance, Other (see comments) | | | | |
| Comments | Battery was low on charge and was jumpstarted at time of inspection. | | | | |
| Radiator | 3 - Normal Wear & Tear | | | | |
| Radiator Condition | Radiator fins & components appear to be in good working order, no signs of damage or leaks | | | | |
| Belts | 3 - Normal Wear & Tear | | | | |
| Belt Condition | Belts appear in good condition & alignment with proper tension | | | | |
| Hoses | 3 - Normal Wear & Tear | | | | |
| Hose Condition | Firm, pliant hoses with no signs of wear or leaks | | | | |
| Water Pump | 3 - Normal Wear & Tear | | | | |
| Water Pump Condition | No unusual pump noises heard | | | | |
| Cooling System Leaks | No | | | | |



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| | |
|---|---|
| Coolant Appearance | 3 - Normal Wear & Tear |
| Coolant Appearance Notes | Normal Translucent appearance, no visual signs of contamination |
| Oil Leaks | No |
| Oil Appearance | 3 - Normal Wear & Tear |
| Oil Appearance Notes | Appropriate oil level, Clean oil appearance, no signs of cross contamination |
| Fuel Leaks | No |
| Equipped with DPF (Diesel Particulate Filter) | No |
| Requires DEF (Diesel Exhaust Fluid) | No |
| Overall Engine Rating | 3 - Normal Wear & Tear |
| Overall Engine Appearance | Dusty & dry |
| Overall Engine Comments | Overall the engine has a healthy appearance with no active leaks seen. The engine sounded healthy at idle and under load. |

Drivetrain Inspection Points

Drivetrain

Drivetrain Inspection Points

| | |
|---------------------------------|--|
| Drivetrain Photos |  |
| Hydrostatic Transmission? | Yes |
| 2 Speed? | No |
| Hydrostatic Drive Configuration | Split Transmission |
| Drive | 4WD |
| Transmission Components | 3 - Normal Wear & Tear |
| Transmission Condition | No unusual noises or vibrations, Good forward and reverse function |
| Drive Motors | 3 - Normal Wear & Tear |
| Parking Brake | 3 - Normal Wear & Tear |
| Parking Brake Function | Good brake function |
| Overall Drivetrain Rating | 3 - Normal Wear & Tear |
| Overall Drivetrain Comments | Machine travels well through its variable speeds and in all directions. |

Chassis Inspection Points



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|-----------------------|------------------------|--|--|--|--|
| Chassis Photos | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| Frame | 3 - Normal Wear & Tear | | | | |
| Stance | 3 - Normal Wear & Tear | | | | |
| Swing Table | 3 - Normal Wear & Tear | | | | |
| Boom | 3 - Normal Wear & Tear | | | | |
| Boom Wear Guides | 3 - Normal Wear & Tear | | | | |
| Jib | 3 - Normal Wear & Tear | | | | |
| Front Axle Appearance | 3 - Normal Wear & Tear | | | | |
| Rear Axle Appearance | 3 - Normal Wear & Tear | | | | |

Wheels & Tires

Wheels & Tires Inspection Points

| | |
|------------------|-----------------------|
| Wheels & Hubs | 3 |
| Comments | Tires are foam filled |
| Wheel Seal Leaks | No |



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| | |
|------------------------------------|--|
| Tire Brand | OTR |
| Tire Size | 355/55D625 NHS |
| Front Left Tire - Ratio Remaining | 50% |
| Front Left Tire Photos |  |
| Front Right Tire - Ratio Remaining | 50% |
| Front Right Tire Photos |  |
| Rear Right Tire - Ratio Remaining | 50% |
| Rear Right Tire Photos |  |
| Rear Left Tire - Ratio Remaining | 50% |
| Rear Left Tire Photos |  |
| Overall Chassis | 3 - Normal Wear & Tear |
| Overall Chassis Comments | Overall, main frame, implements, swing gear and axles are in good condition with no major issues observed during the inspection. |

Hydraulics Overall Inspection Points

Hydraulics Overall

Hydraulic System Inspection Points

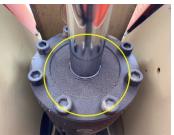
| | | | | | |
|-------------------------|---|---|--|---|---|
| Hydraulic System Photos |  |  |  |  |  |
| |  |  |  |  | Hydraulic hoses on track a bit out of place. |



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| | | | | |
|--|---|---|--|--|
| |  |  |  | Minor residual oil buildup seen around this area, mainly on the hoses. |
| Wet or Damp Hydraulic Lines / Fittings | Yes | | | |
| Hydraulic Lines/Fittings | 3 - Normal Wear & Tear | | | |
| Hydraulic Lines / Fittings Condition | Hydraulic lines & fittings are clean and in good condition | | | |
| Hydraulic Pump(s) | 3 - Normal Wear & Tear | | | |
| Unusual Noises | No | | | |
| Hydraulic Pump Notes | No unusual noises heard during operation | | | |

Hydraulic Cylinder Inspection Points

| | | | | |
|---------------------------|--|---|--|---|
| Hydraulic Cylinder Photos |  |  |  |  |
| |  |  |  |  |
| | | Very minor seepage buildup seen around rod seal area. | | |
| |  | | | |
| Mounting Pins | 3 - Normal Wear & Tear | | | |
| Cylinder Oil Leaks | No | | | |
| Comments | No active leaks seen from any cylinder | | | |
| Hydraulic System Overall | 3 - Normal Wear & Tear | | | |
| Comments | Overall, hydraulics seem to be working well with no major issues seen. Hyd. pumps and motors have a healthy appearance and are functioning properly. | | | |

Functional Test

Functionality Assessment



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Functionality Assessment

| | |
|-----------------------------------|--|
| Engine | 3 - Normal Wear & Tear |
| Transmission/Drivetrain | 3 - Normal Wear & Tear |
| Travel (Forward/Reverse/Steering) | 3 - Normal Wear & Tear |
| Brakes | 3 - Normal Wear & Tear |
| Hydraulic System | 3 - Normal Wear & Tear |
| Electric Operating System | 3 - Normal Wear & Tear |
| Controls | 3 - Normal Wear & Tear |
| Safety Systems | 3 - Normal Wear & Tear |
| Core Functions | 3 - Normal Wear & Tear |
| Attachments | 0 |
| Overall Functional Test Comments | Machine's main functions such as the Hydraulics, Hydrostatics, Engine, Electrical Controls and A/C Electrical to platform are working as expected with no issues observed. |

Overall Assessment

Overall Assessment

| Inspection Rating Criteria | Rating Scale | Explanation |
|--------------------------------|---|---|
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| | 4 - Very Light or Minimal Wear | Exhibits very minimal wear. Operation is better than expected given age and usage. |
| | 5 - Like New, Recently Replaced | Excellent condition, free of visible wear or damage. Operation is within factory specifications. |
| Exterior Rating | 3 - Normal Wear & Tear | |
| Interior Rating | 3 - Normal Wear & Tear | |
| Safety Rating | 3 - Normal Wear & Tear | |
| Quality Rating | 3 - Normal Wear & Tear | |
| Functionality Rating | 3 - Normal Wear & Tear | |
| Overall Rating | 3 - Normal Wear & Tear | |
| Summary Video | Click to Download | |
| What's Great About the Machine | This boom lift operated great from the start. All controls were smooth. All the tires have plenty of tread life left and are foam filled. No major active leaks seen. | |
| What Needs Work | Minor seepage leak may be present at/or around rear hydraulic hoses around rear boom section area. Further inspection to verify if leak is active, recommended. Some hydraulic hoses at boom extension, track guide a little loose and out of place but may just be cosmetic. | |
| Date/Time | 11-08-2023 | |



Date Submitted: 11-09-2023 11:42 PM

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| | |
|----------------|---------------|
| Inspector Name | Mario Ramirez |
|----------------|---------------|