

From Fire Dept.

Project: 16FES18991

Page 17 of 18

### C O N C L U S I O N

The aerial device covered by this Report has been evaluated for compliance with the applicable provisions of Standard NFPA 1911, current Edition. Issuance of a UL Certificate of Inspection for Aerial Devices is contingent upon correction in accordance with the manufacturer's recommendations of those items found not to be in accordance with the Standard and meeting the requirements of all test work not yet completed, if any.

Specifically, Certification of the subject aerial device is contingent upon:

Repair of hydraulic swivel hydraulic oil leakage.

Repair of all hydraulic fluid leakage in the chassis and torque box.

Repair of all damaged hydraulic lines and hoses in the turntable.

Repair of all hydraulic fluid leakage in the turntable.

Replacement of all damaged hydraulic hoses/lines in stabilizer system.

Repair of all damaged electric lines in the ladder sections.

Repair of the monitor nozzle.

Repair or replacement of all inaccurate aerial water system pressure gauges.

### Comments / Observations for Informational Purposes Only:

BREATHING AIR SYSTEM - NOTE: Air minder display was disconnected, air level could still be checked via analog gauge in pedestal.

HYDRAULIC LINES AND HOSES IN STABILIZER SYSTEM - One hydraulic hose on the left rear stabilizer (located on behind the right side rear stabilizer) had a bubble in the outer jacket.

HYDRAULIC LINES AND HOSES IN THE LADDER OR BOOM SECTIONS - One electric line at the monitor was found with damaged outer insulation, as tagged.

ROTATION HYDRAULIC SWIVEL - There was hydraulic fluid leaking on the bottom side of the swivel.

HYDRAULIC LINES AND HOSES IN CHASSIS AND TORQUE BOX - The entire area between the tailboard and rear stabilizer H-box was saturated with hydraulic fluid. While this may be residual fluid from an overfull hydraulic reservoir, this area should be cleaned and monitor to determine the source of the leakage.

HYDRAULIC LINES AND HOSES IN TURNTABLE - Three hydraulic hoses in the turntable area were found weather-checked, as tagged. In addition, one hydraulic hose in the operator's pedestal was found leaking.

STABILIZER CYLINDER COMPONENTS - NOTE: There was hydraulic fluid found inside of both horizontal stabilizer tubes, these should be cleaned and monitored for signs of leakage.

MONITOR NOZZLE - The monitor "left/right" and "up/down" function were intermittently inoperable from either the operator's station or tip controls.

For details, such as bolt torque, specific weldments requiring repair, and other problem areas, see the Report text.

Very Truly Yours,

*Matthew Dandona*

Matthew Dandona

Fire Equipment Services

Phone No. (877)UL-HELPS (Option 2)