

Form Number LLCF-097.1	Issue Date 10/15/11	Revision Date 08/18/26	Form Number LLCF-097.1
	Air Spider 30-Day Inspection		

Client/Location: _____ **Serial Number:** _____ **Date of last 30-day inspection:** _____ **Date:** _____

The following inspection must be performed by a Competent Person. For any line item found to be deficient / insufficient, please tag unit out, document item # and Description # (i.e. 1.3 – found kink in wire rope) in the notes section on bottom of form and contact the office for a replacement. **Verifier must initial in V.I. column.

Item	Description	Yes	No	V.I.
1 Wire Rope	1. Is there signs of a reduction in rope diameter? Refer to wire rope certificate for size (5/16” or 3/8”)			
	2. Are there any signs of heat damage?			
	3. Any signs of kinking, bird caging, corrosion, or any other damage?			
	4. Ensure wire rope is clean and free of debris and lubricate rope as per manufacturer recommendations.			
	5. Inspect wire rope guide. If wear is found, take picture with a date stamp on it for recordkeeping.			
2 Tension Holder	1. Remove the wing nut from the locking cam and remove the pin and cam from the assembly and pull the roller assembly away.			
	a. Are there any deep groves or flat spots on any of the four rollers?			
	b. Spin each roller. Are the bearings spinning freely and properly lubricated?			
	2. Reassemble the roller by installing the cam to the roller tightens on the wire rope when the handle is pushed down.			
3 Wire Rope Level Wind System	1. Is there any evidence of damage on the drum base?			
	2. Are the two pivot pins properly secured with snap rings?			
	3. Is there any evidence of wear on the two pivot pins?			
	4. Does the tilt control spring assembly resist the tilting of the drum?			
4 Transmission	1. Inspect the oil level in both section of the transmission through the inspection hole. Is the oil level low?			
	a. NOTE: If the level is below the hole, fill with Mobil SHC 634 cylinder oil only.			
	2. Inspect the bronze gear through filler hole (new bronze gear width is approximately 1/16”).			
	a. Is there any evidence of tooth sharpening?			

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Item	Description	Yes	No	V.I.
5 Motor Control Switch / Overload Switch	1. Motor Control Switch			
	a. With all the wire rope stored neatly on the drum and the free end rigged to an anchor point of adequate strength:			
	i. Connect the staging to the proper air supply			
	ii. Operate the switch in both directions. Does the drum turn appropriately?			
	iii. Is the handle and control assembly properly secured, free of damage and capable of moving freely?			
	2. Overload Switch			
	a. With the staging still connected to the proper air supply:			
	i. Load the staging with the rated working load as shown on the load rating plate. Does the staging lift the load?			
	ii. Add another 100 lbs., does the overload shutoff switch prevent the upward travel of the stage?			
6 Motor	1. Are the cover fasteners secure?			
	2. Are there any signs of damage to the housing?			
	3. Are the air hoses properly secured and undamaged?			
7 Oiler and Filter	1. Remove and clean the filter screen.			
	a. During cleaning, were there any noticeable defects or damage to the screen?			
8 Frame	1. Are there any defects, dents or bends to the framing?			
	2. Are there any cracked welds in the joints?			
	3. Are there any holes in the flooring of the stage?			

Notes:

Competent Person Print Name: _____

Signature: _____

Verifier Print Name: _____

Signature: _____