



CARGO RACK

BELL 407 / 206L

INSTALLATION MANUAL



Tyler - Cargo Rack
For Bell 407 and 206L Series Helicopters
FAA STC # SR01826 LA



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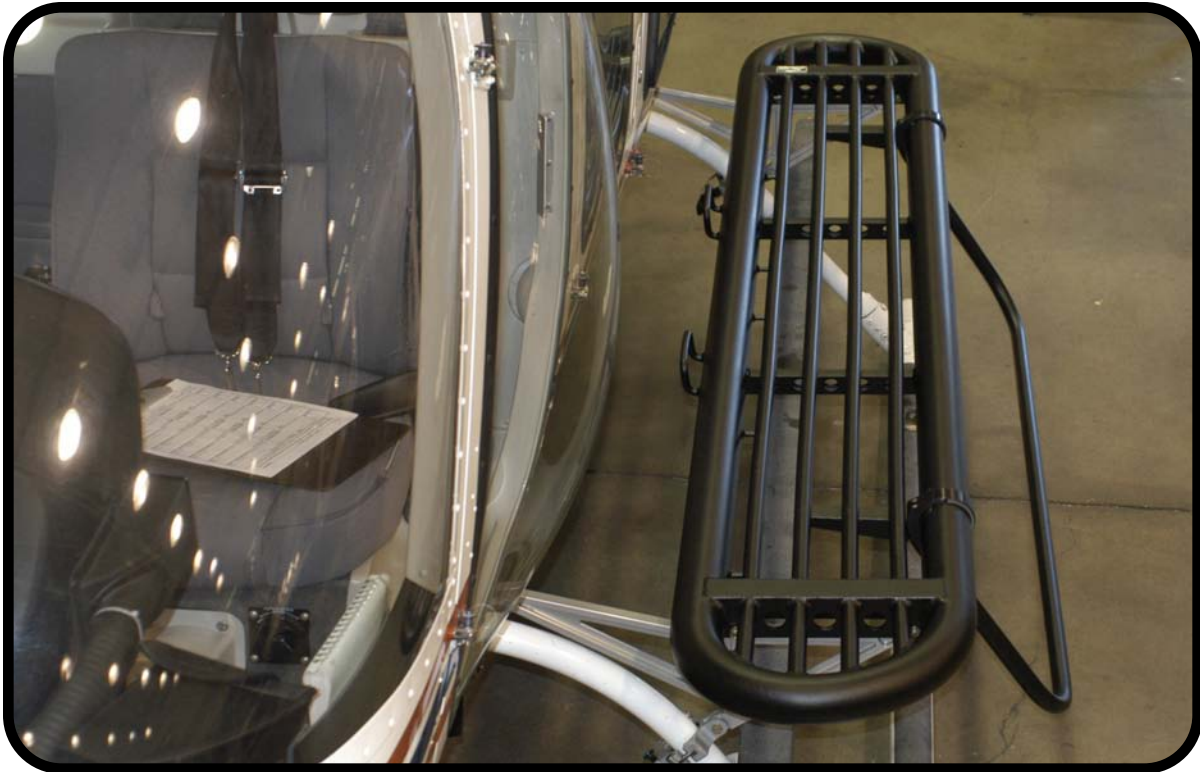
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NOTE

SECTIONS 1-2 SHOW THE INSTALLATION OF
THE LEFT SIDE CARGO RACK ONLY

REPEAT SECTIONS 1-2 FOR THE INSTALLATION OF
RIGHT SIDE CARGO RACK

SECTION 1
CARGO RACK - INSTALLATION



NOTE

THE FOLLOWING INSTRUCTIONS SHOW THE
LEFT SIDE INSTALLATION ONLY



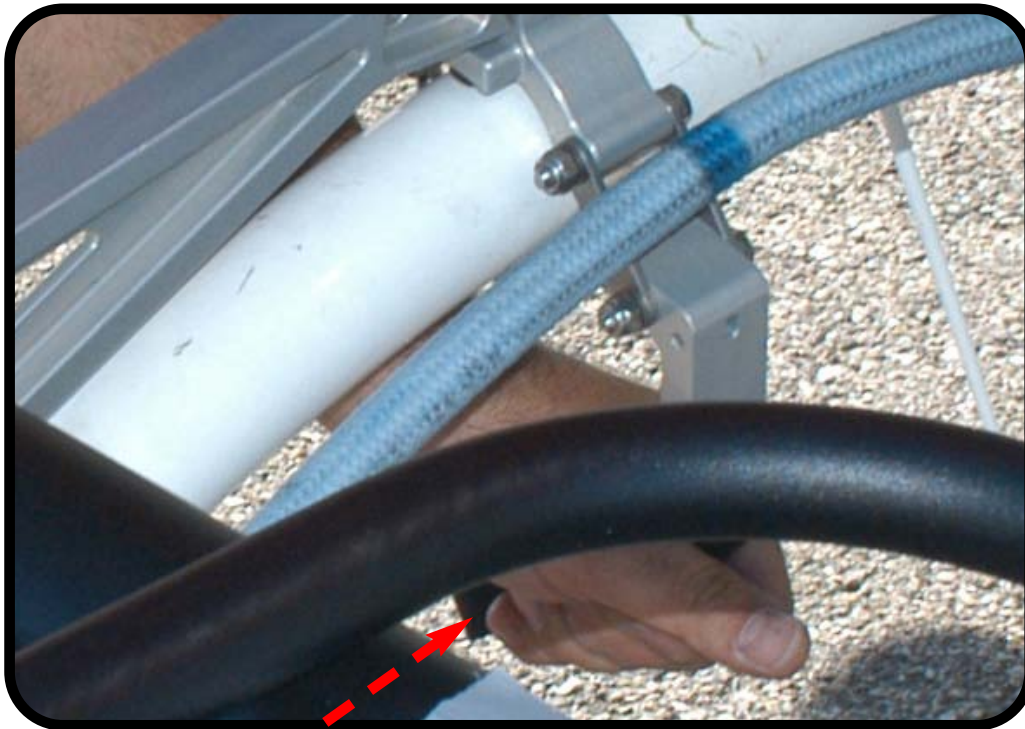
Place Cargo Rack upside-down near helicopter (clamps to the sky & away from ship)
(Note arrow pointing to the front of the ship)



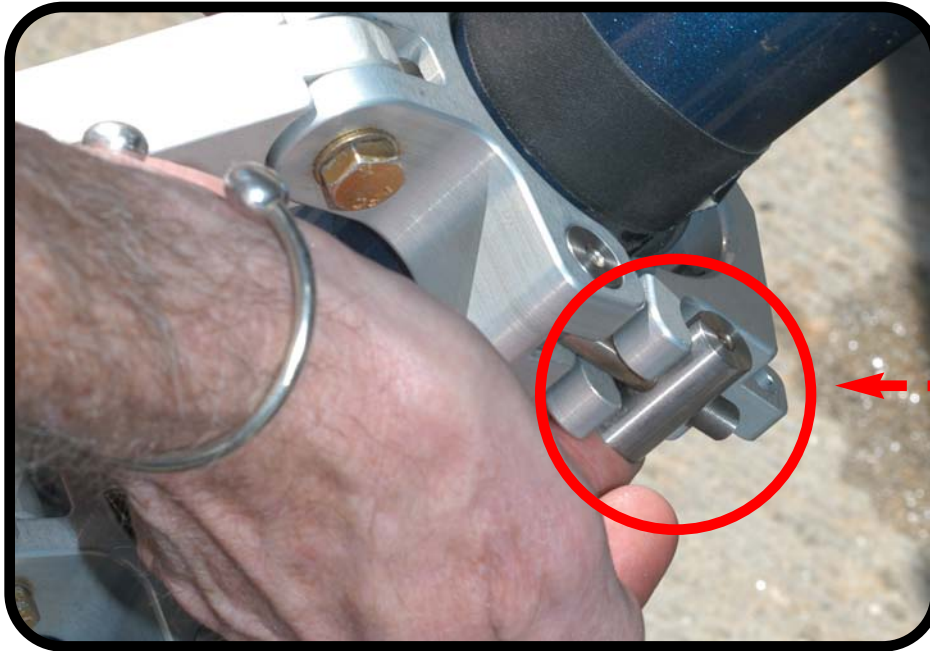
Open Cargo Rack clamps.
(repeat for clamps at other end of cargo rack)



- 1.) Flip rack over (clamps open, facing down & inward towards ship)
- 2.) Position rack adjusting the clamps to the skid-gear support tubes.



- 3.) Swing rear of clamp up (using black strap) and place the pivoting barrel (located on the threaded shaft) over the clamp hook.



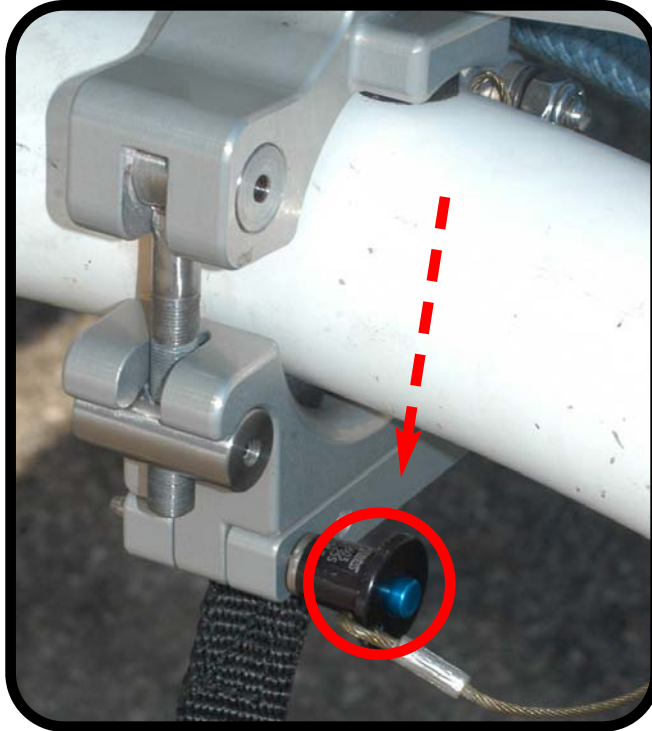
To adjust the pressure of the clamp, un-hook the barrel and rotate it in or out as needed.



Pull the clamp-arm over to the locket position.
If clamp is too easy or difficult to close, adjust the barrel (on the threaded shaft) in or out.
Considerable force (40-50 lbs.) should be required to close the lock-arm.
Tip: When adjusted properly, the lock-arm will “snap” closed.



Insert Pip-Pin to secure the clamp lock-arm.



IMPORTANT

After adjusting and locking clamps, make sure all Pip-Pins are inserted.



IMPORTANT

The cargo rack must have a slight up-angle (2-3°) when installed as the skid gear will tow inward, causing the racks to level out.

If necessary, re-adjust skid-gear clamps before proceeding.

SECTION 2

CARGO RACK - FORE-TO-AFT LEVELING



NOTE

THE FOLLOWING INSTRUCTIONS SHOW THE
LEFT SIDE INSTALLATION ONLY



If necessary, unlock and reposition skid-gear clamps, up or down.
Note: If front of cargo rack needs to move down, but front clamps are obstructed by step, etc. (as shown) then raise rear skid-gear clamps up until rack is level.

SECTION 3 REMOVAL / REPLACEMENT TIPS



To simplify re-installation of cargo racks, before removing them:

- A) Mark position of fore and aft, upper skid-gear clamps.
- B) Tighten the hardware that fastens the skid-gear clamps to the pivot bracket.