



F. Atlee Dodge
Aircraft Services, LLC.

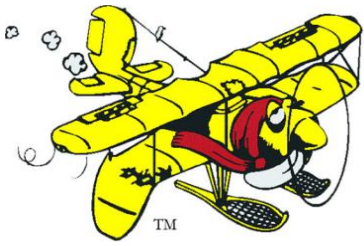
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INSTALLATION INSTRUCTIONS FOR:

LUMBER RACK

FOR: PA-18

P/N: 18-LR



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Sheet: 1 of 2

INSTALLATION INSTRUCTIONS FOR:

F. ATLEE DODGE LUMBER RACK

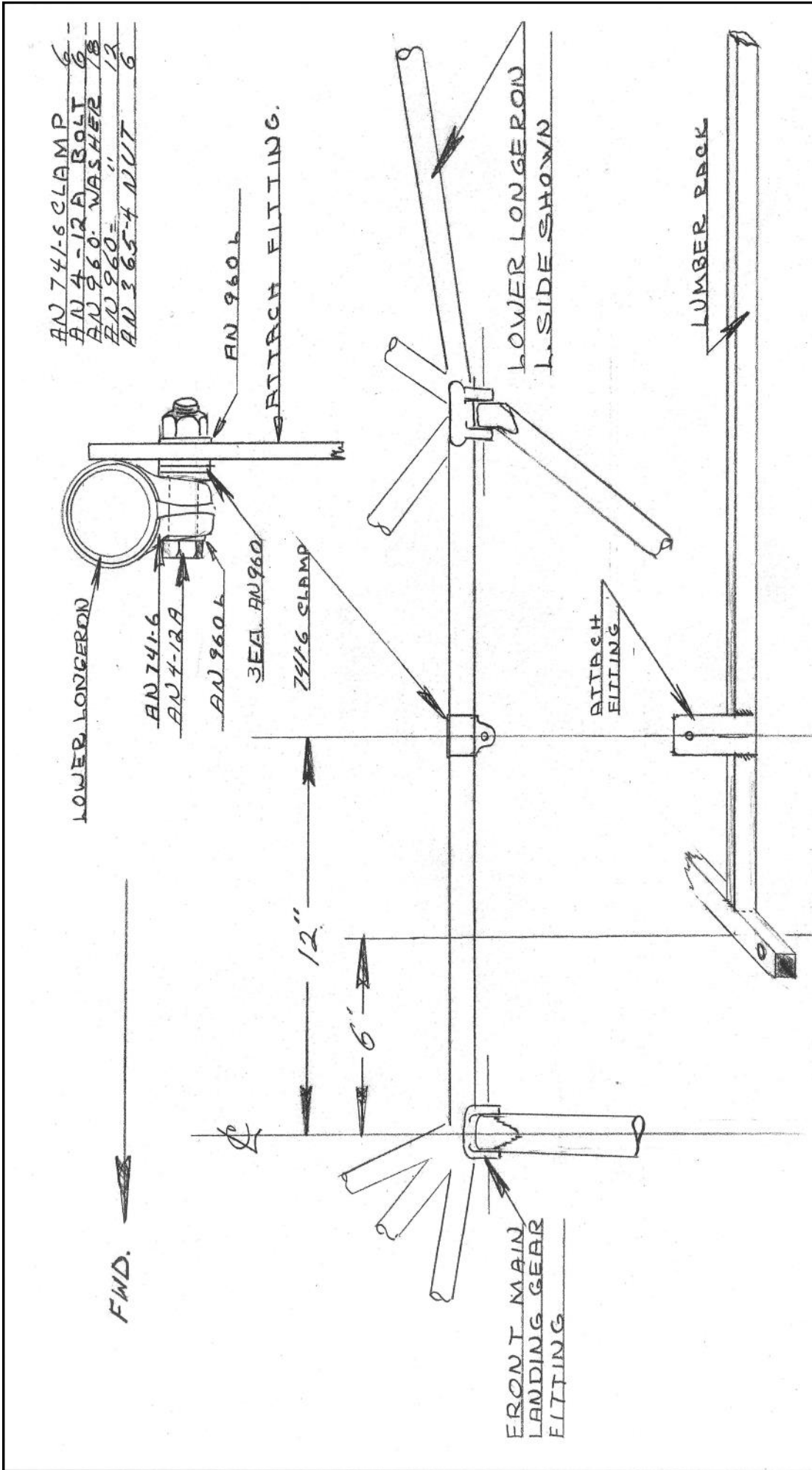
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1. Measure AFT six (6) inches from the center line of the main landing gear front fitting. This is the front end of the rack, the front attach flange will be six (6) inches AFT. (Twelve (12) inches AFT of center of front landing gear fittings) Ref. # 2086-1

NOTE: These dimensions can vary from aircraft to aircraft.

2. Hold or measure for the AFT flange locations.
3. Make a small slit on each side of lower longeron tubing and install six (6) clamps (AN741-6).
NOTE: If aircraft is being rebuilt, tabs can be welded on to attach Lumber Rack.
4. Install rack as per drawing 2086-1, Note Fig. 1
5. All hardware is supplied with Lumber Rack to attach to aircraft.
6. Weight of rack is 20 lbs. at 122 compute new weight and balance.
7. Maximum weight to be carried on the rack is 300 lbs. of material and not exceed eight (8) feet in length unless the W & B is computed for the material carried.
8. The lumber or material is to be clamped on the rack with the three (3) cross bars and the bolts tight. The lumber to be stacked in a level manner.
9. Install sign, one each side of aircraft "**RESTRICTED**" in **two (2) inch letters**. This sign is to be used when hauling cargo. No passenger to be hauled when in this category.
10. It is advised to consult with the FAA/FISDO before installing Lumber Rack.
11. This lumber rack is not FAA/PMA approved.



1. FROM THE FRONT MAIN LANDING GEAR FITTING CENTER LINE, MEASURE AFT 12 INCHES. THIS IS THE LOCATION OF THE FRONT ATTACH. LOCATE BOTH L.H. & R.H. SIDES. INSTALL AN741 CLAMP AND ATTACH FRONT-ATTACH FITTING OF LUMBER RACK TO THE AIRCRAFT.

2. SWING RACK UP AND MARK LOCATIONS OF THE REMAINING ATTACH FITTINGS AND INSTALL CLAMPS OR MEASURE FOR LOCATION.

3. COMPLETE INSTALLATION.

LOCATION OF
 F. ATLEE DODGE,
 VW LUMBER RACK

INSTALLATION ON A -18
 P/N 18-LR SHEET 2 of 2

DRAWING IS NOT TO SCALE

FOR EXPERIMENTAL USE ONLY