



ROUTINE JACK MAINTENANCE BULLETIN

RJM 146

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TO PROVIDE COMPLETE INFORMATION ON SERVICING ColumbusJACK/REGENT QUALITY GROUND HANDLING EQUIPMENT

OPERATING PROCEDURE SUPPLEMENT FOR MULTIPLE STAGE JACKING

Multiple stage jacks equipped with locknuts, require additional cautions during operation. These should be used as a supplement to standard procedures used during normal single stage jacking, to prevent damage to either the aircraft or the jacking equipment. These additional instructions are as follows:

WARNING: While the jack is being extended, **DO NOT TOUCH** the second (smaller) stage locknut until after the first (larger) stage is fully extended. The second stage locknut must stay at the top of the second stage until after the first stage is fully extended. Only when the first stage is fully extended, should the second stage locknut be kept about 1 inch (25 mm) from its mating surface.

Caution: Ensure that the largest stage is fully extended first, before the next smallest stage begins to extend when a load is applied to the jack. It is common for either stage to extend when no load is applied, but the sequence of stage extension must go from the largest to the smallest when a load is applied. If the jack does not extend in this sequence, the jack should be disassembled to determine the cause of the excessive friction in the ram stages.