

Service Bulletin

Service Bulletin: SB A119-302; Agusta A119 Air Conditioner Compressor Mount Inspection.

Subject: Supplemental Inspection requirements for the A119 Compressor Mount.

Date: 17 April, 2002, Rev N/C

Applicability: Agusta A119 Helicopter, Equipped with the Air Comm Corporation A119-200-1 Air Conditioning System.

Reference: 1. FAA / STC # SR00463DE, Agusta Helicopter A119 Air Conditioning System.
2. Compressor Installation Drawing A119-302

Compliance: Is Mandatory every 25 hours of airframe operation for the first 150 hours after system installation.

I. Background:

The original air conditioning system encountered cracking in the WL 1153.6 skin panel at the Compressor Mount attaching points.

Subsequently compressor installation design improvements were incorporated to resolve this problem.

The improvements Include:

- a. Incorporation of rubber compressor mount isolators.
- b. Incorporation of a structural doubler between the compressor mount and the engine deck.

II. Approval:

Technical aspects of this Service Bulletin are FAA / DER approved.

III. Purpose:

To provide follow-on inspection procedures to verify the condition of the installation integrity of the improved air conditioner compressor mounting assembly.

IV. Bill of Materials:

Not Applicable

V. Inspection Procedures:

The compressor installation should be inspected in accordance with the following procedures every 25 hours following the installation of the system, for 150 hours.

1. Check the structural integrity of the following components
 - a. Compressor Lugs, check for cracking (**Note: No cracks are allowable**).
 - b. Compressor Mount Lugs, check for cracks (**Note: No cracks are allowable**).
 - c. Compressor Pivot, and Belt Tension Arm Bolts, check for condition, and security.
 - d. Check for cracks in Compressor Support Doubler, and WL 1156.3 Engine Deck area. (**Note: No cracks are allowable**).
 - e. Check lower surface of WL 1156.3 of the Engine Deck, in the area of the compressor mounting rivets, for rivet condition and/or skin cracks. Access through Aircraft Maintenance Steps above fuel cell area, and Engine Deck Access Panel. Use of Flashlight and Inspection Mirror is required. (**Note: No cracks are allowable**).

NOTE

Any deficiencies noted in item 1., a. thru. e., must be reported **immediately** to the Air Comm Corporation Service Department.

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Following completion of this inspection cycle, the inspection procedures in the Instructions for Continued Airworthiness, Doc. A119-200M-1, Chapter 2, Inspections, Inspection Requirements, Page 2-1, are applicable.

JUL 07 2004

Ans'd.....

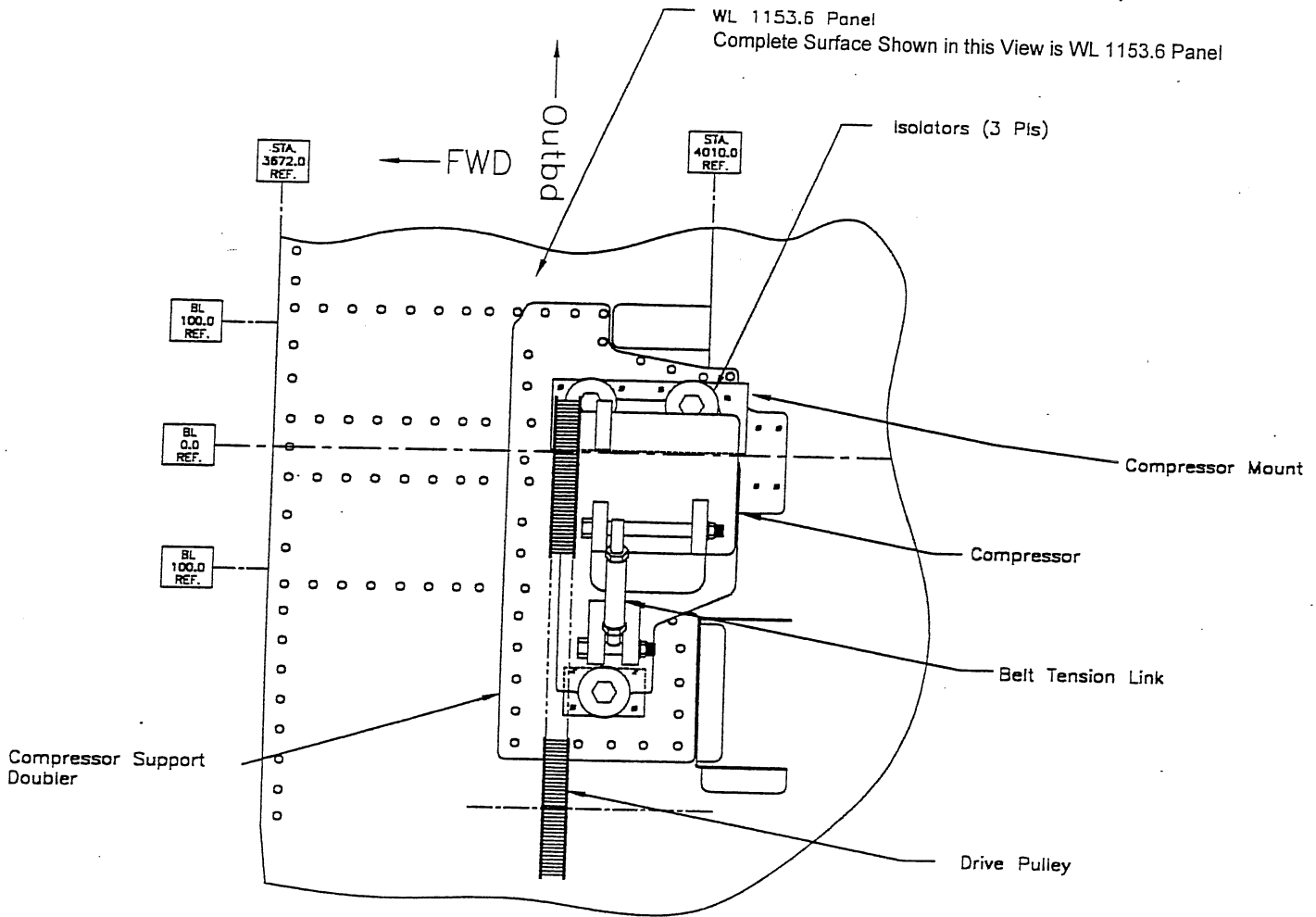


Figure 1-1, Compressor Installation. (View looking Down)

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