



AERONAUTICAL ACCESSORIES, INC.

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TECHNICAL BULLETIN

TB No. AA-01159

SUBJECT:

PC Safety Valve™ Kit:

P/N 250-956-205 on Rolls-Royce Allison engine model 250-C30.

ENGINES AFFECTED:

Rolls-Royce Allison 250-C30 engines with Rolls-Royce Commercial Engine Bulletin (CEB) 72-3250 and with Aeronautical Accessories, Inc. Pc Safety Valve™ Kit installed.

DESCRIPTION:

This Technical Bulletin is being issued in response to Rolls-Royce CEB 72-3250, Engine, Compressor Assembly – Release of New Increased Thickness Compressor Scroll. The increased compressor scroll thickness will cause the Pc Sense Tube of the PC Safety Valve™ Kit to interfere with the compressor discharge duct.

MANPOWER:

Approximately 1.0 hour.

IF OWNERSHIP OF AIRCRAFT HAS CHANGED, PLEASE FORWARD THIS BULLETIN TO NEW OWNER

MATERIAL:

The following kit is required to comply with this Bulletin and is available from Aeronautical Accessories, Inc.:

250-956-200 Clamp Kit (Parts List on page 6.)

TOOLS:

Socket Wrench Set

WEIGHT AND BALANCE:

Negligible.

PUBLICATIONS AFFECTED:

None affected.

ACCOMPLISHMENT INSTRUCTIONS:

1. Temporarily mark for identification the end of the Pc Sense Line Assembly (250-957-105) which attaches to the Pc Safety Valve/Bracket Assembly (250-958-257).
2. Remove Pc Sense Line Assembly (250-957-105).
3. Reinstall Pc Sense Line Assembly (250-957-105) 180° opposite from the previous installation with the temporary marking attached to the compressor scroll.

NOTE

Pc Sense Line Assembly (250-957-105) has one end that is slightly longer than the other. Install the Pc Sense Line with the longer end attached to the Pc Safety Valve™ Assembly and the shorter end attached to the compressor scroll.

4. Assure proper alignment of Pc Sense Line to Pc Safety Valve™ by hand tightening Pc line B-nuts up to final one half turn. Secure the Pc line by torquing B-nuts to 80 to 120 in-lbs.
5. Remove temporary marking from Pc Sense Line Assembly (250-957-105).
6. If an air induction screen is present, remove attaching bolt (AN3-3A) from the air induction screen and retain washer. Refer to Figure 1, items 1 and 2.

7. Position clamp (MS21919WCJ33) around the compressor discharge duct and attach to air induction screen nut plate using bolt (AN3-5A) provided and the washer retained in step 1. Refer to Figure 2. Do not tighten bolt (AN3-5A) at this time.
8. If an air induction screen is not present, use same hole with nut (MS21042-3) provided to secure clamp.
9. Adjust the compressor discharge duct and clamp (MS21919WCJ33) as necessary so that the compressor discharge duct arches over the Pc Sense Line Assembly (250-957-105) without touching it. Refer to Figure 2.
10. Torque bolt (AN3-5A) 20-25 in-lbs.

Any questions regarding this bulletin should be addressed to:

AERONAUTICAL ACCESSORIES, INC.
PRODUCT SUPPORT
1-800-251-7094

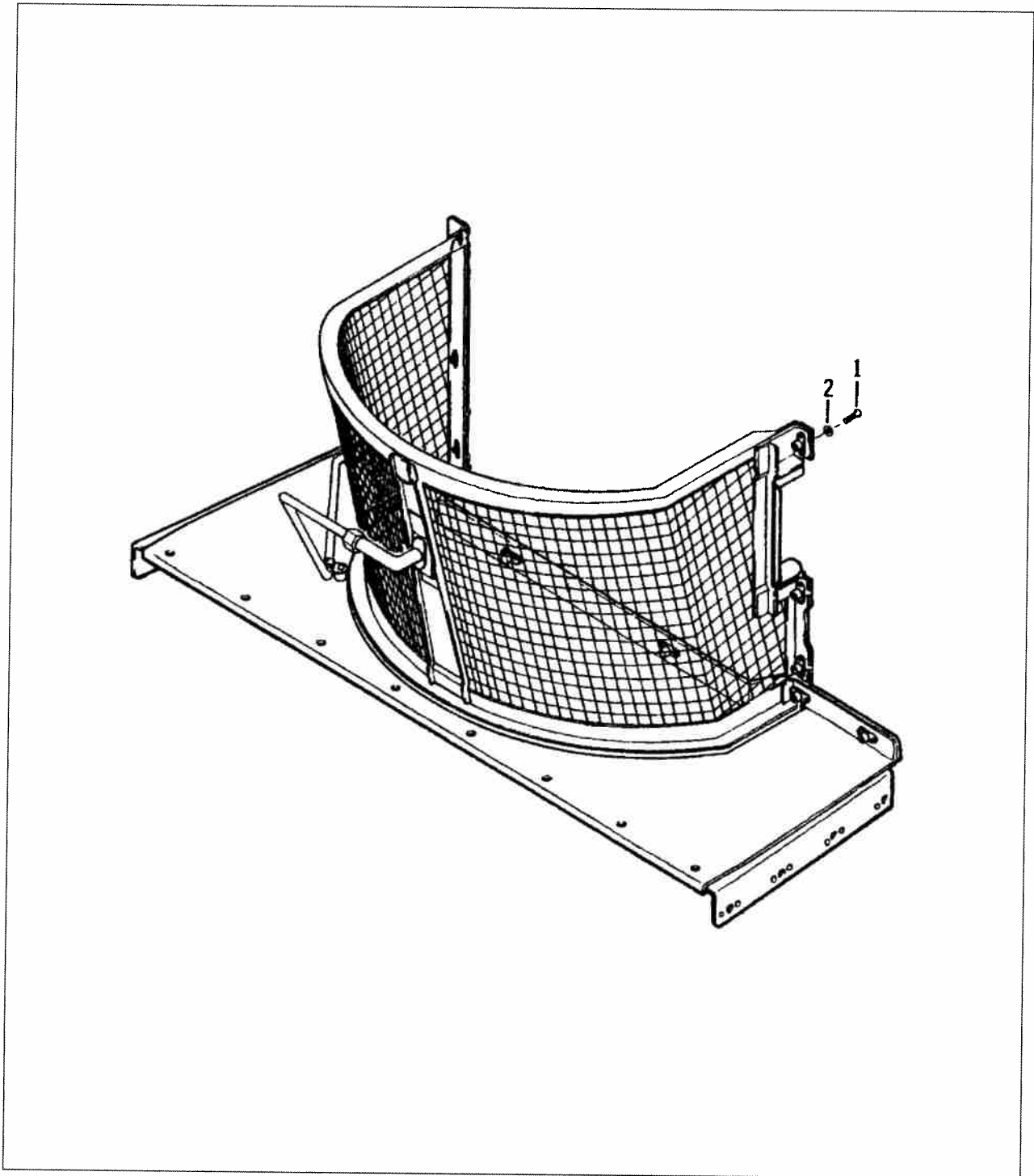


FIGURE 1
AIR INDUCTION SCREEN

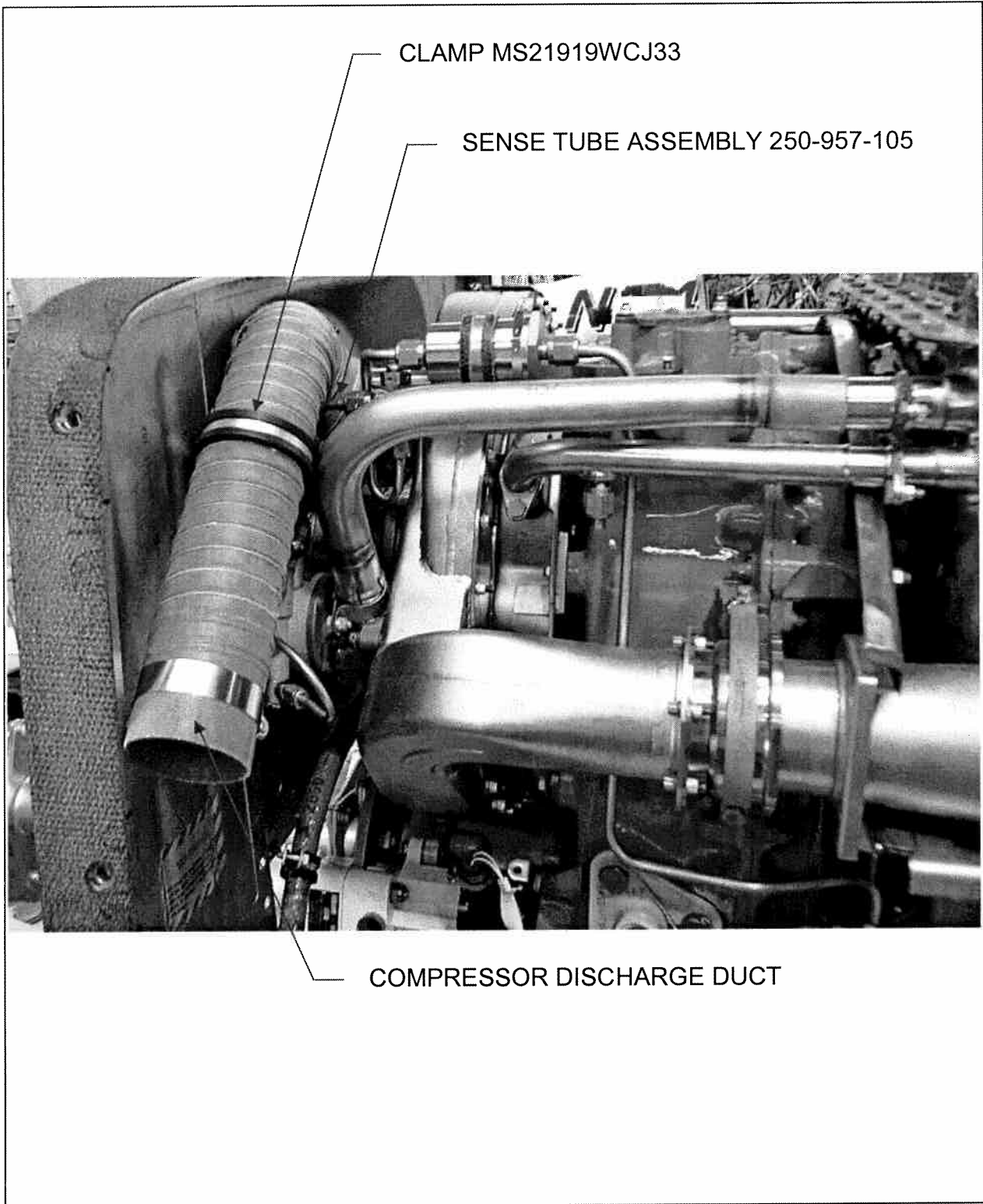


FIGURE 2
CLAMP INSTALLATION

PARTS LIST

CLAMP KIT
P/N 250-956-200

-200	Qty.	Part Number	Description
	1	MS21919WCJ33	Clamp
	1	AN3-5A	Screw
	1	MS21042-3	Nut
