AD/CFM56/5 High Pressure Compressor 1-2 Spool 5/95

Applicability: All CFM56-5-A Series engines incorporating No.3 bearing aft air/oil seal, P/N 1364M71G02.

Requirement:

1. Inspect affected engines in accordance with CFM56-5 Service Bulletin 72-440, Revision 1.

2. Replace No.3 bearing aft air/oil seal, P/N 1364M71G02, in accordance with CFM56-5 Service Bulletin 72-440, Revision 1.

Note: DGAC AD 94-272(B)R1 also refers.

Compliance: As detailed in the Requirement Document effective from 27 April 1995.

Background: It has been determined that a lack of running clearance may exist between the referenced stationary No.3 bearing aft air/oil seal and the stage 1 HPC disc bore. There is a potential for contact between the two parts in service which will result in rubbing/scratching of the disc bore forward corner. Such damage could lead to an uncontained failure of the disc.