

ZONES: 430
 A/C NUMBER:
 REV. DATE: 03/19/07
 FREQUENCY: PCI

W/C NUMBER: 542M7206 DATE:

TOOLS	DESCRIPTION	QTY
COMMON	32 SHIMS OR FEELER GUAGES .020" THICKNESS, APPROX. SIZE 2" BY 4"	1

REFERENCES

AMM 72-31-05 542M7206

MECH INSP

1. Fan Blade Clapper Gap Check #2 Engine (Ref. AMM 72-31-05).
- XXXXX A. Check Fan Blade Clapper Gap.
- (1) Pull all the fan blades forward to abut the thrust ring.
 - (2) At Top Dead Center (TDC) place a 0.020 in. shim between the clapper faces.
 - (3) Turn the rotor clockwise ensuring the shims stay in place.
 - (4) Repeat steps (2) and (3) for 32 of the 33 fan blade positions or until you can no longer install a shim.
 - (5) Record # of shims able to be installed_____.
 - (a) If 31 shims or less where installed, total Clapper Gap is below 0.900 and Fan is serviceable. N/A blanks in step (7) and (8) and continue with step B.
 - (b) If 32 shims where installed continue with step (6).
 - (6) If 32 shims where installed remove every other shim so only 16 shims remain.
 - (7) Move Fan to TDC and record gap_____.
 - (8) Calculate the total clapper gap by adding 0.32, (16 shims x .020 = 0.32), to gap recorded in step (7). This will be your total clapper gap for the entire fan.
 - (a)
$$0.32 + \text{_____} = \text{_____}$$

(Shim Thickness) (TDC Gap) (Total Gap)
 - (b) If the total clapper gap exceeds 0.900 inches, notify ATA Powerplant Engineering.
 - (c) If the total gap is 0.900 or below Fan is serviceable.

PERFORM FAN BLADE CLAPPER GAP CHECK #2 ENGINE

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A/C NUMBER:

CHECK BEING PERFORMED: Cust

W/C NUMBER: 542M7206 (continued)

MECH: INSP:

|_____ XXXXX B. Remove all shims installed.

*****END OF WORKCARD*****