

ZONES: 420  
 A/C NUMBER:  
 REV. DATE: 03/19/07  
 FREQUENCY: PCI

W/C NUMBER: 543M7206 DATE:

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

## REFERENCES

AMM 72-31-05 543M7206

MECH INSP

1. Fan Blade Clapper Gap Check #3 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 #3 ENGINE

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A/C NUMBER:

CHECK BEING PERFORMED: Cust

W/C NUMBER: 543M7206 (continued)

MECH: INSP:

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|\_\_\_\_\_ XXXXX B. Remove all shims installed.

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