

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

W/C NUMBER: 542F7101 DATE:

REFERENCES

AMM 71-00-00 542F7101

MECH INSP

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 \* PERFORM IN CONJUNCTION WITH GROUND AVM SURVEY \*  
 \* WORKSTEP OF WORKCARD 542L7202 \*  
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 \*PERFORM IN CONJUNCTION WITH WORKCARD 510F2150 IF ISSUED\*  
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1. PERFORM #2 ENGINE GROUND AVM SURVEY.

\_\_\_\_\_ XXXXX A. Obtain take-off E.P.R. target\_\_\_\_\_.

\_\_\_\_\_ XXXXX B. Start engine and run at idle for five minutes. This operation can be omitted providing 5 minute run at ground (low) idle in starting engine has been accomplished.

\_\_\_\_\_ XXXXX C. Operate engine at 1.3 - 1.47 and T/O E.P.R. on A and B channels. Record information in area provided below.

E.P.R.	1.35		1.47		T/O	
	A	B	A	B	A	B
N	_____	_____	_____	_____	_____	_____
L	_____	_____	_____	_____	_____	_____
M	_____	_____	_____	_____	_____	_____
H	_____	_____	_____	_____	_____	_____

(1) Perform Step Q. of AMM 71-00-00 Test No. 11, Vibration Survey, to validate observed values.

\_\_\_\_\_ XXXXX D. Place on normal. Slowly advance thrust lever to T/O target and slowly decel. to idle. Record E.P.R.\_\_\_\_\_ and highest AVM value observed\_\_\_\_\_.

\_\_\_\_\_ XXXXX E. If value exceeds 1.0, repeat and record highest reading on Low, Medium, High filters. If below 1.0, N/A Item. Low\_\_\_\_\_ Med.\_\_\_\_\_ High\_\_\_\_\_.

\_\_\_\_\_ XXXXX F. Place on normal. Jam accel. to T/O target minus .02 E.P.R. (within 1 second) and rapidly decel. to idle. Record highest AVM value observed. Accel.\_\_\_\_\_ Decel.\_\_\_\_\_.

\_\_\_\_\_ XXXXX G. If value exceeds 1.5, repeat and record highest reading on Low, Medium, High filters. If below 1.5, N/A Item. Low \_\_\_\_\_, Med.\_\_\_\_\_, High \_\_\_\_\_.

A/C NUMBER:

CHECK BEING PERFORMED: Cust

W/C NUMBER: 542F7101 (continued)

MECH: INSP:

\_\_\_\_\_ XXXXX H. If any low filter reading exceeds .75, perform rotor trim balance per AMM 71-00-00, test No. 16 to attain a maximum low filter reading of .75 units.

| NOTE 1: If AVM Survey is being complied with following the  
| completion of W/C's 541L7202,542L7202,543L7202 Low  
| filter reading must not exceed .75.

| If A/C is in-service and Low filter reading is  
| between .75 and 1.3 notify MX Control and  
| lubrication of applicable Engine LP Compressor  
| Blades must be complied with, within 6 flights.

| NOTE 2: Notify MX Control verbally if:

| Any reading on Normal, Medium, or High filter  
| exceeds 1.5 units.

| Any spread between channels for same filter  
| exceeds .2 units.

\_\_\_\_\_ XXXXX I. Reduce engine to idle. Run five minutes and shut down.

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