

CHECK BEING PERFORMED: Custom

ZONES: 462  
 A/C NUMBER:  
 REV. DATE: 08/22/00  
 FREQUENCY: H2

W/C NUMBER: 543M3604  
 DATE:  
 W/O:  
 JAC CODE:



| MFR P/N | DESCRIPTION | QTY |
|---------|-------------|-----|
| ALCOHOL | ISOPROPYL   | A/R |

## PANELS

462BT  
 462CT

## REFERENCES

MM 36-11-11 MM 36-11-27 FIGURE 1 543M3604

MECH INSP

WARNING: PLACARD FLIGHT ENGINEER / SECOND OFFICERS (FE/SO) BLEED AIR AND APU CONTROL PANELS AND THE THREE HIGH-PRESSURE GROUND AIR CONNECTIONS TO PREVENT OPERATION UNTIL COMPLETION OF PROCEDURES. RECENT OPERATION OF AIRCRAFT PNEUMATIC SYSTEM WILL REQUIRE PRECAUTIONS AGAINST DANGEROUSLY HIGH SYSTEM TEMPERATURES. PROTECTIVE GLOVES SHOULD BE USED WHEN REQUIRED.

## A REMOVE BLEED AIR TEMP SENSOR AS FOLLOWS:

- |       |       |   |  |
|-------|-------|---|--|
| _____ | XXXXX | 1 | PLACE WARNING TAGS ON FE/SO BLEED AIR AND APU CONTROL PANELS AND THE THREE HIGH-PRESSURE GROUND AIR CONNECTIONS.     |
| _____ | XXXXX | 2 | ON PILOTS OVERHEAD CIRCUIT BREAKER PANEL CB1, OPEN AND TAG THE ENGINE BLEED CONTROL - HI PRESS VALVES - ENG 3 (G15). |
| _____ | XXXXX | 3 | REMOVE PYLON ACCESS PANELS 462BT AND 462CT.  |
| _____ | XXXXX | 4 | REMOVE WING ENGINE STARTER DUCT COMPENSATOR (REF. 36-11-27).   |
| _____ | XXXXX | 5 | RELEASE NUT SECURING SERVO AIR HOSE TO ADAPTER.  |
| _____ | XXXXX | 6 | REMOVE MOUNTING BOLTS AND WASHERS SECURING SENSOR MOUNTING FLANGE TO DUCT BOSS.                                      |
| _____ | XXXXX | 7 | RAISE SENSOR UNTIL SENSING PROBE CLEARS DUCT AND REMOVE SENSOR AND SEAL. RETAIN SEAL FOR SENSOR REINSTALLATION       |
| _____ | XXXXX | 8 | INSTALL PROTECTIVE COVER ON DUCT BOSS.   |

## B CLEAN SENSOR AS FOLLOWS:

CAUTION: DO NOT USE METAL WOOL, METAL BRUSHES OR ABRASIVES TO CLEAN SENSOR.

- |       |       |   |   |
|-------|-------|---|---|
| _____ | XXXXX | 1 | CLEAN SENSING PROBE PORTION OF BLEED AIR TEMP SENSOR WITH |
|-------|-------|---|---|

#3 ENGINE BLEED AIR TEMPERATURE SENSOR CLEANING

A/C NUMBER:

CHECK BEING PERFORMED: Cust

W/C NUMBER: 543M3604 (continued)

MECH: INSP:

ISOPROPYL ALCOHOL. IF DEPOSITS DO NOT READILY WASH OFF, THE PART MAY BE SCRUBBED WITH A SOFT CLOTH OR NATURAL BRISTLE BRUSH (SEE FIGURE 1).

NOTE: CLEAR PASSAGEWAYS USING CLEAN, DRY, FILTERED LOW PRESSURE (APPROXIMATEY 10PSI) COMPRESSED AIR.

C REINSTALL CLEANED BLEED AIR TEMPERATURE SENSOR AS FOLLOWS:

WARNING: VERIFY THAT TAGS PREVIOUSLY INSTALLED ON FE/SO BLEED AND APU CONTROL PANELS AND THE THREE HIGH-PRESSURE GROUND AIR CONNECTIONS ARE IN PLACE.

- \_\_\_\_\_ XXXXX 1 VERIFY WARNING TAGS ON FE/SO BLEED AIR AND APU CONTROL PANELS AND THE THREE HIGH-PRESSURE GROUND AIR CONNECTIONS ARE STILL ATTACHED.
- \_\_\_\_\_ XXXXX 2 ON PILOTS OVERHEAD CIRCUIT BREAKER PANEL CB1, VERIFY THE FOLLOWING CIRCUIT BREAKER IS STILL OPEN AND TAGGED: THE ENGINE BLEED CONTROL - HI PRESS VALVES - ENG 3 (G15).
- \_\_\_\_\_ XXXXX 3 INSPECT SEAL FOR DAMAGE, REPLACE IF NECESSARY. INSTALL SEAL ON SENSOR MOUNTING FLANGE.
- \_\_\_\_\_ XXXXX 4 REMOVE PROTECTIVE COVER FROM DUCT BOSS. INSERT SENSOR PROBE INTO DUCT AND LOWER SENSOR MOUNTING FLANGE ONTO DUCT BOSS.
- \_\_\_\_\_ XXXXX 5 SECURE SENSOR WITH MOUNTING BOLTS AND WASHERS.
- \_\_\_\_\_ XXXXX 6 INSPECT SEAL FOR DAMAGE, REPLACE IF NECESSARY. INSTALL SEAL IN PNEUMATIC CONNECTION.
- \_\_\_\_\_ XXXXX 7 CONNECT ADAPTER TO PNEUMATIC CONNECTION.
- \_\_\_\_\_ XXXXX 8 CONNECT HOSE TO ADAPTER AND SECURE WITH NUT.
- \_\_\_\_\_ XXXXX 9 REINSTALL STARTER DUCT COMPENSATOR. (REF. 36-11-27)
- \_\_\_\_\_ XXXXX 10 REINSTALL ACCESS PANELS REMOVED IN STEP A 3.
- \_\_\_\_\_ XXXXX 11 REMOVE WARNING TAGS ATTACHED PER STEP A 1.
- \_\_\_\_\_ XXXXX 12 REMOVE TAG AND CLOSE CIRCUIT BREAKER OPENED IN STEP A 2.
- \_\_\_\_\_ XXXXX 13 PERFORM #3 ENGINGE BLEED AIR TEMPERATURE SENSOR OPERATIONAL TEST PROCEDURES IAW 36-11-11.

#3 ENGINE BLEED AIR TEMPERATURE SENSOR CLEANING

PAGE:3 /3

A/C NUMBER:

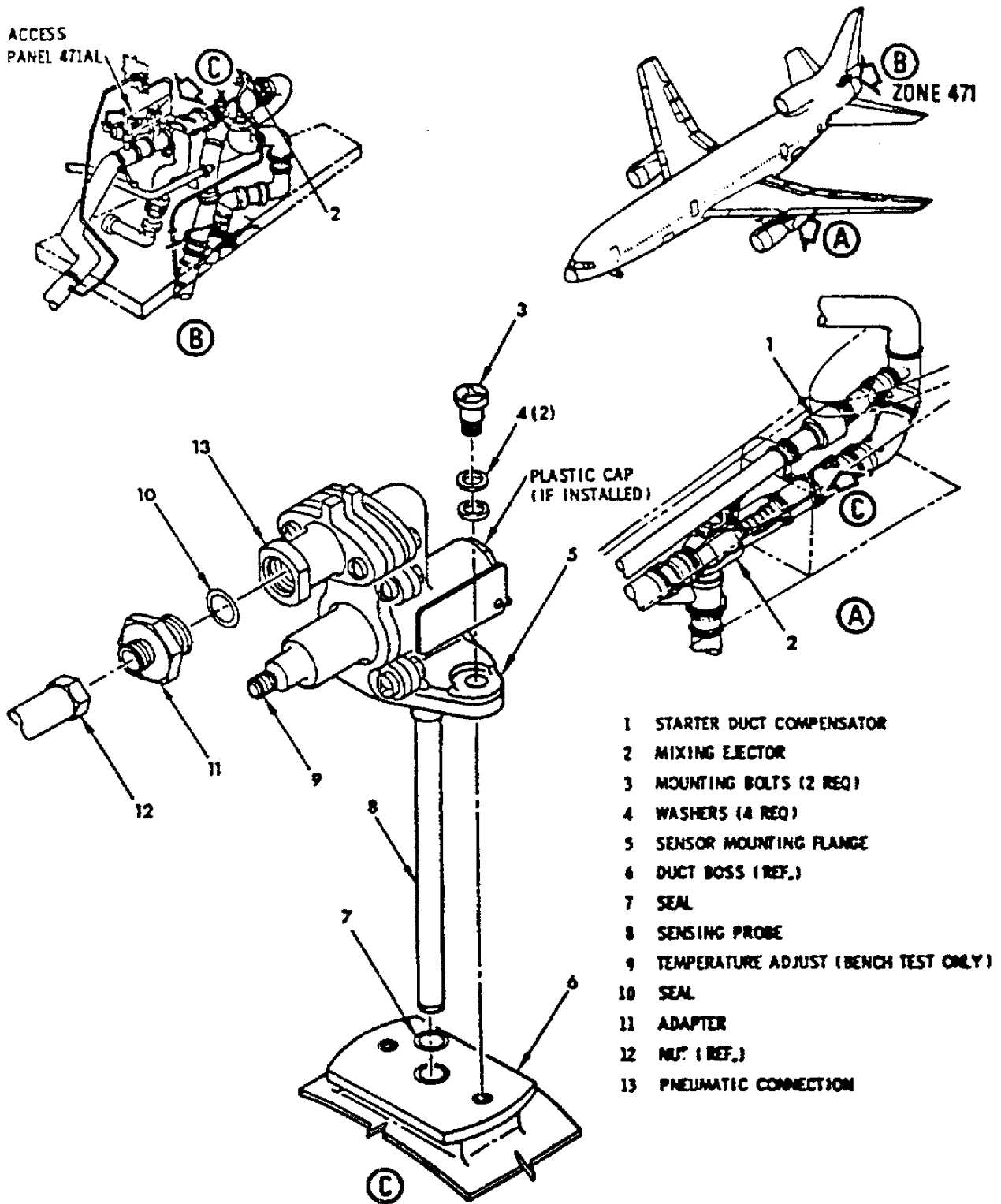
CHECK BEING PERFORMED: Cust

W/C NUMBER: 543M3604 (continued)

MECH: INSP:

---

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



Bleed Air Temperature Sensor - Removal and Installation

FIGURE 1

REVISION DATE 12/05/1997