

ATA AIRLINES, INC.

#1 ENGINE IDG QAD COUPLING

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CHECK BEING PERFORMED: Custom

ZONES: 413
A/C NUMBER:
REV. DATE: 11/14/03
FREQUENCY: 4A

W/C NUMBER: 241M2402 DATE:
W/O:
JAC CODE:

PANELS

413AL

REFERENCES

FIGURE 1

MECH INSP

CHECK TORQUE AND CONDITION OF LEFT ENGINE IDG QUICK ATTACH/
DETACH (QAD) COUPLING.

INSPECT THE QAD COUPLING AS FOLLOWS:

1. Check the QAD Coupling Torque (Fig. 1).

A. References.

(1) 71-11-04/201, Fan Cowl Panels.

B Prepare to check the QAD coupling torque.

(1) Open the fan cowl panels (Ref 71-11-04/201).

C Procedure.

_____ XXXXX (1) Make a check of the torque value as follows.

(a) Remove the lockwire from the QAD coupling
tension bolt.

(b) Tap the edge of the QAD ring with a brass drift
(or equivalent) to adjust the ring and to
prevent incorrect torque values.

NOTE: Tap the edge of the ring from the
4 O'clock to 7 O'clock position.

CAUTION: MAKE SURE THAT THE QAD RING DOES NOT BIND OR

CATCH WHILE YOU TIGHTEN THE TENSION BOLT.
THIS CAN CAUSE DAMAGE TO THE QAD RING.

(c) Measure the torque on the tension bolt.

REVISION DATE: 11/14/03

ATA AIRLINES, INC. B757 FLEET

W/C #: 241M2402

DATE WORK CARD COMPLETE ___/___/___

A/C NUMBER:

CHECK BEING PERFORMED: Cust

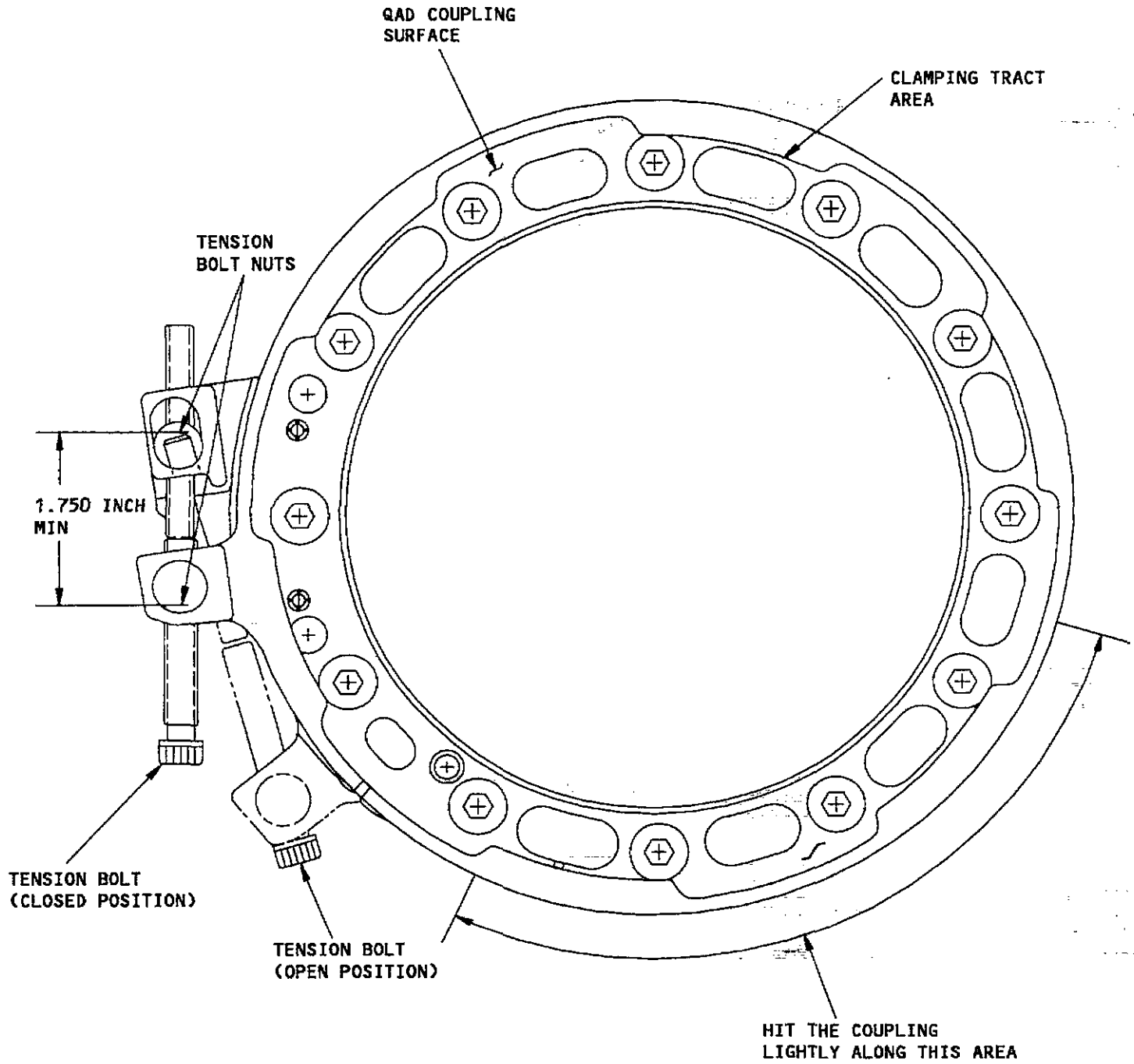
W/C NUMBER: 241M2402 (continued)

MECH: INSP:

- 1) If the torque is more than 180 pound-inches (20.3 N.m),do these steps:
 - a) Tighten the tension bolt to a torque of 240-264 pound-inches (27.1-29.8 N.m).
 - b) Secure the tension bolt with lockwire.
- 2) If the torque is less than 180 pound-inches (20.3 N.m),do these steps:
 - a) Tighten the tension bolt to a torque of 240-264 pound-inches (27.1-29.8 N.m).
 - b) Tap the QAD ring again and measure the torque on the tension bolt.
 - c) If the torque is less than 180 pound-inches again, tighten the bolt to the torque of 240-264 pound-inches and tap the ring. Do this step again until the torque does not drop below 180 pound-inches after you tap the QAD ring.
 - d) Tighten the tension bolt to a torque of 240-264 pound-inches (27.1-29.8 N.m).
 - e) Secure the tension bolt with lockwire.

_____ XXXXX (2) Close the fan cowl panels (Ref 71-11-04/201).

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



QAD COUPLING

Quick-Attach/Detach Coupling