

ATA AIRLINES, INC.

CHECK WATER SPRAY NOZZLES

PAGE 1 / 3

CHECK BEING PERFORMED: Custom

ZONES: 135 136
A/C NUMBER:
REV. DATE: 04/21/99
FREQUENCY: 1C

W/C NUMBER: 215I2102 DATE:
W/O:
JAC CODE:

PANELS

193HL
194ER

REFERENCES

1 M.M. 21-53-05, 757-SL-21-039

MECH INSP

1 SPRAY NOZZLE SYSTEM CHECK.
(MM REF. 21-51-21, 36-00-00, 21-51-04)

- _____ XXXXX A Apply aircraft electrical power.
- _____ XXXXX B Use the APU to supply pneumatic power to air conditioning packs.
- _____ XXXXX C Put the left and right pack selector switches in the AUTO position.
- (1) Ensure that the PACK OFF light goes off.
- _____ XXXXX D Place the TRIM AIR switch to the ON position.
- _____ XXXXX E Place all zone temperature selectors in the AUTO-C (full cold) position.
- _____ XXXXX F Remove the access panels on the bottom of the Ram Air Ducts which are upstream of the heat exchangers (Ref: figure 601) if not already accomplished.
- _____ XXXXX G Observe the water spray pattern from the spray nozzle in each ram inlet system.

NOTE: The quantity of the water will vary depending on air humidity and the pack air flow.

- (1) Ensure the water spray pattern from each spray nozzle is approximately the same.
- (2) Ensure the water sprays are approximately circular and not a jet blast.

REVISION DATE: 04/21/99

ATA AIRLINES, INC. B757 FLEET

W/C #: 215I2102

DATE WORK CARD COMPLETE ___/___/___

CHECK WATER SPRAY NOZZLES

A/C NUMBER:

CHECK BEING PERFORMED: Cust

W/C NUMBER: 215I2102 (continued)

MECH: INSP:

(a) If the water sprays are satisfactory, proceed to step I.

(b) If the water sprays are not satisfactory, proceed to step H.

_____ XXXXX H Check the water extractor, water spray nozzle, and air and water lines (from the water extractor to the water spray nozzle) for leakage or blockage as follows:

- (1) Place the left and right pack selector switches in the OFF position.
- (2) Remove the line at the bottom (the sump) of each water extractor that comes from the split-duct water separator.
- (3) Place the left and right pack selector switches to the AUTO position.
- (4) Ensure the PACK OFF light goes off.
- (5) Feel for air or water to come out of the line that has been disconnected.
- (6) Feel for air or water to come out of the hole in the water extractor where line has been removed.
- (7) If there is no air or water, examine the following parts for leakage or blockage:
 - water extractor
 - split-duct water separator
 - line from the split-duct water separator to the water extractor

_____ XXXXX I. Place the left and right pack selector switches in the OFF position.

_____ XXXXX J. Place the TRIM AIR switch in the OFF position.

_____ XXXXX K. Install/reconnect all removed/disconnected lines.

CHECK WATER SPRAY NOZZLES

A/C NUMBER:

CHECK BEING PERFORMED: Cust

W/C NUMBER: 215I2102 (continued)

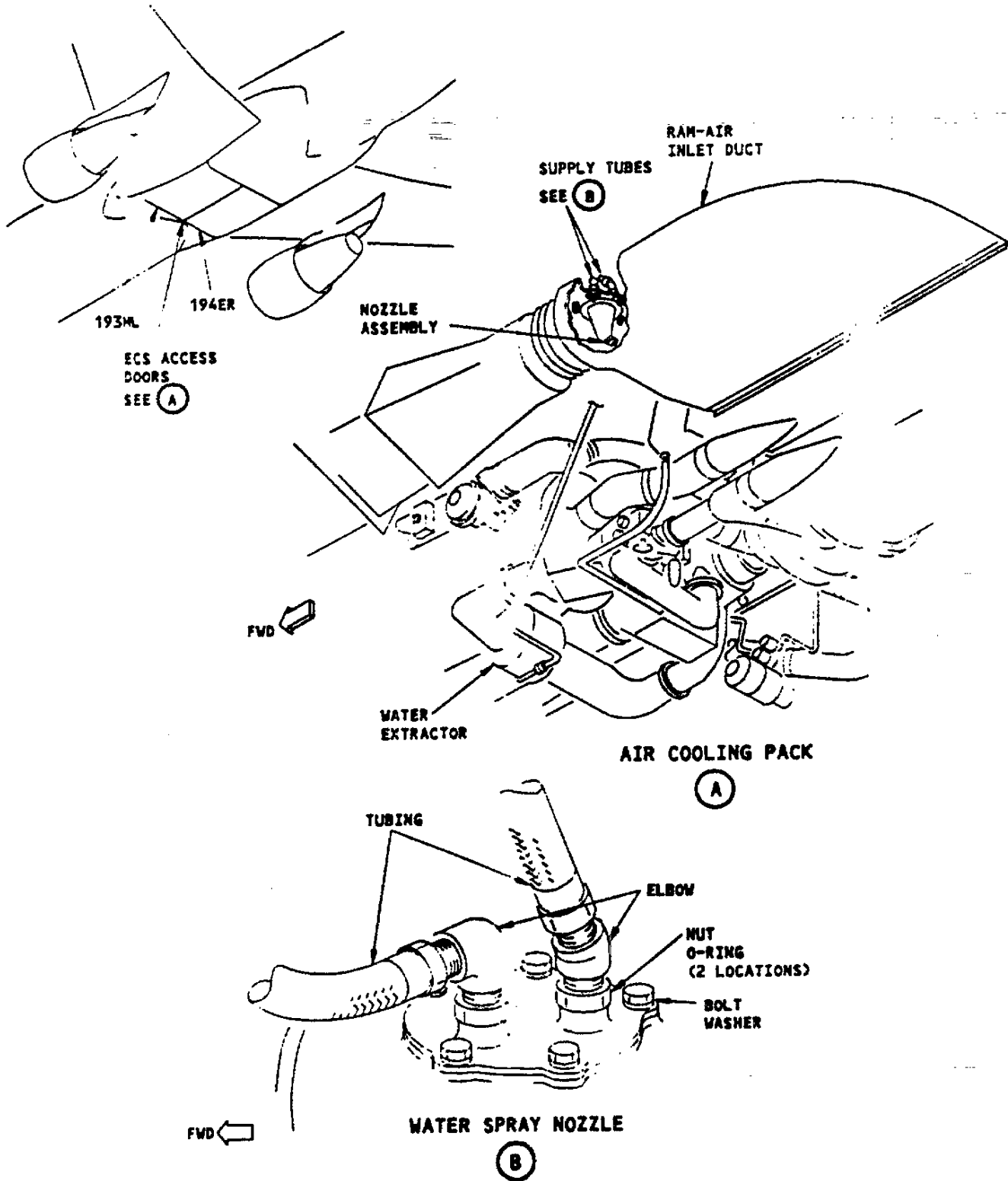
MECH: INSP:

_____ XXXXX L. Install access panels back on the bottom of the Ram Air Duct (if required at this time).

_____ XXXXX M. Remove pneumatic power, if no longer required.

_____ XXXXX N. Remove electrical power, if no longer required.

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



WATER SPRAY SYSTEM

FIGURE 1

08/06/1998