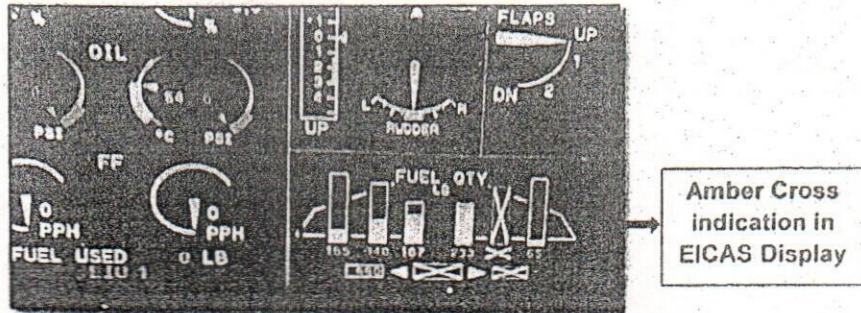


1. Item's Identification.

- a. Applicable Aircraft Model : Dornier 228-212NG
- b. Name of the System : Fuel System
- c. Name of the Item : Fuel Quantity Transmitter
- d. Part No : VT087-1
- e. Serial No : 02255
- f. Manual/ Parts Catalogue Reference : Aircraft Illustrated Parts Catalogue (Chapter 28-40-00)

2. Purpose The Fuel Quantity Transmitter is used for indicating the fuel quantity of BN aircraft in the EICAS display

3. Description of Defect. During Post-flight Inspection it was observed that the RH inner tank fuel quantity and overall total fuel quantity was not displayed in the EICAS display. Moreover, Amber Cross indication was shown in the EICAS display of the aircraft.



Picture 1: Erroneous Fuel Quantity Indication in EICAS Display

4. Initial Troubleshooting Results in BN Premises.

- a. The cable connection between Fuel Control Unit and Fuel Quantity Transmitter was checked and was found correct.
- b. When the aircraft was de-fueled, erroneous fuel-quantity indication was shown in the EICAS display instead of showing zero fuel quantity.
- c. The correct fuel quantity was shown in the EICAS display when the defective Fuel Quantity Transmitter (S/N: 02255) was replaced by a Fuel Quantity Transmitter from stock.

5. Quantity. 01 (one) in no.

6. Item Specification.

- a. Dimension of Box (L X B X H) : (8.5 X 06 X 13) Inch
- b. Weight : 350 gm (Approx)
- c. Gross Weight (After Packing) : 01 kg (Approx)

7. Manufacturer Details.

- a. Country of Origin : GERMANY
- b. Manufacturer Address : DIEHL AVIONIK SYSTEME GMBH
ANDER SANDELM UEHEL 13
60423 FRANKFURT /MAIN
-DE-

8. Source of Repair. OEM or OEM authorized repair center/ service station.

9. Scope of Work.

- a. Repair works are to be carried out to rectify the defects mentioned in paragraph 3.
- b. Defects are to be rectified as per the Component Maintenance Manual (CMM) of the item.
- c. Necessary spares (if found defective) are to be replaced during the repair of the item.

d Repair work is to be carried out from OEM or OEM authorized service center

10. Test, Trial and Acceptance. Final acceptance of the item will be given by CINS after satisfactory test and trial by MPA Flight Line.

11. Warranty

- a. A warranty certificate is to be submitted for at list 12 months from the date of acceptance of the item after satisfactory test/ trial as applicable.
- b. If any defect/ discrepancies arises within warranty period, then the respective item is to be repaired at free of cost providing ARC/ C of C including freight within 02 (two) months from the date of notification of the same to the supplier.
- c. Warranty period will be extended for the same amount of time in which the item will remain non-operational.

12. Bidder's Identification and Qualification.

- a. Bidder Address (Full address, Contact No and E-mail Address). To be mentioned.
- b. Principal's Address (Contact No and Email Address) To be mentioned.
- c. Principal's Qualification. Only OEM/ OEM authorized or Aircraft OEM authorized principal can submit quotation. Authorized/ Authenticity certificate by Vendor/ Aircraft OEM (Original copy/ color photocopy to be submitted with the offer).

13. Certification.

a. During Quotation

- (1) The bidder is to provide an Authenticity Certificate from OEM (Aircraft/ Equipment) or OEM (Equipment) authorized Principal.
- (2) The bidder is to provide a certificate of warranty with the offer quotation.

b. During Delivery of Item.

- (1) The bidder is to provide an Authorized Released Certificate (ARC)/ Certificate of Conformity (C of C) from the repair Service Centre with the item on completion of repair work.
- (2) Test report and repair certificate are to be provided from the repair Service Center.
- (3) List of replaced items is to be provided.

14. Handling of Item.

- a. Delivery Point : NSD Chattogram
- b. Country/ Port Of Shipment : To be mentioned.
- c. Shipment (Air/ Sea) : To be mentioned.
- d. Delivery Time : 60 days from the date of item handover to the supplier.
- e. Consignee : For the shipment of the unit, consignee should be as mentioned below:

Commanding Officer
Naval Stores Depot
New Mooring
Chattogram-4218

Or

Officer In-charge
Naval Sub Stores Depot, Dhaka
Naval Unit, Khilkhet
Namapara, Dhaka-1229

2

RESTRICTED

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Terms of Payment.

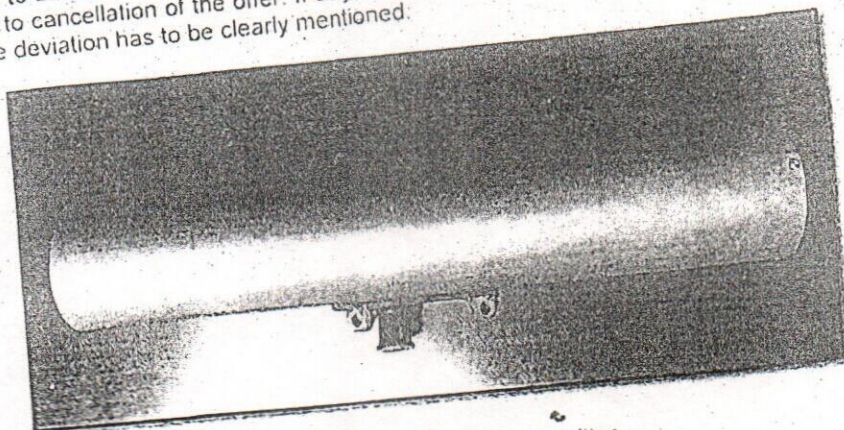
- a. Price
- b. Applicable Tax/ VAT
- c. Supplier will bear all cost for transporting the item to/ from overseas
- d. After satisfactory test/trial and acceptance by BN, 100% payment will be made in local currency as per the existing rule.

To be mentioned in Local Currency (BDT)
Local Tax/ VAT will be borne by supplier.

16. Bidding Conditions

- a. Offer Validity
 - b. Compliance Statement
- tender is to be submitted for evaluation of the quotation. An incomplete compliance statement may attribute to cancellation of the offer. If any clause of this specification does not commensurate with offer, the deviation has to be clearly mentioned.

The offer should remain valid up to 180 days
A compliance statement fulfilling all the requirement of the



Picture 2: Fuel Quantity Transmitter

[Signature]
 M KAMRUZZAMAN
 Lt Commander BN
 Air Electrical Officer
 MPA Flight Line
 Naval Aviation