

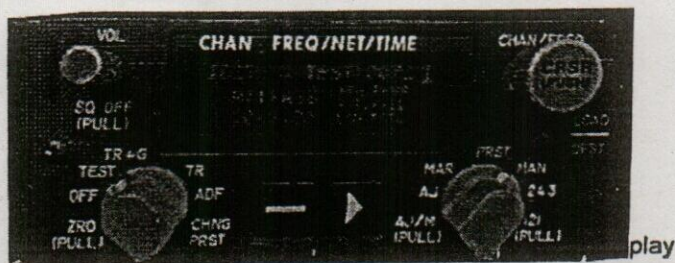
TECHNICAL SPECIFICATION FOR REPAIR OF LOGIC CONVERTER UNIT (LCU) (P/N: 7-151/1, S/N: 50138, MOD: 1-2) - BN MPA

1. Item's Identification.

- a. Applicable Aircraft Model : Dornier 228-212NG
- b. Name of the System : VHF/ UHF Talon Communication
- c. Name of the Item : Logic Converter Unit (LCU)
- d. Type/ Model : 7-151/1
- e. Part No : 7-151/1
- f. Serial No : 50138
- g. Manual/ Parts Catalogue Reference : Supplemental Airplane Maintenance Manual (SAMM) (Chapter 23-14-00).

2. Purpose. The digital logic converter provides frequency tuning information to the V/UHF tunable antenna. The logic converter changes the digital frequency information into antenna drive codes which is usable by the antenna.

3. Description of Defect. When the V/UHF Communication system self-test was initiated from Remote Control Unit (RCU), the fault messages "ANT: FAIL" and "LCU: FAIL" appeared on RCU display. Moreover, communication could not be established by the V/UHF system.



4. Quantity. 01 (One) in no.

5. Item Specification.

- a. MOD : 1-2
- d. Input voltage : 28 V DC
- c. Weight : 0.80 Kg (1.8 lb)
- d. Dimension (L x B x H) : (6.25 x 4.15 x 3.25) Inch (Approx).

6. Manufacturer Details.

- a. Country of Origin : UK
- b. Manufacturer Address : CHELTON LIMITED TRADING AS
COBHAM AEROSPACE CONNECTIVITY
FOURTH AVENUE
SL7 1TF MARLOW,BUCKS
-GB-

7. Source of Repair. To be mentioned.

8. Scope of Work.

- a. Repair work is to be carried out from OEM or OEM authorized service center.
- 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.

9. Test, Trial and Acceptance. test and trial by MPA Flt Line.

Final acceptance of the item will be given after satisfactory

10. 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 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.

11. 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).

12. 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 a Certificate of Conformity (C of C) 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 item is to be provided.

13. 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

14. Terms of Payment.

- | | |
|--|---|
| a. Price | : To be mentioned in Local Currency (BDT). |
| b. Applicable Tax/ VAT | : Local Tax/ VAT will be borne by supplier. |
| 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. | |


15.

Bidding Conditions:

- a. Offer Validity : The offer should remain valid up to 180 days.
b. Compliance Statement : A compliance statement fulfilling all the requirement of the 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.



Picture-2: Logic Converter Unit (LCU)


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Lt Commander BN
Air Electrical Officer
MPA Flight Line
Naval Aviation